EOG Resources, Inc.
Artesia Division Office
104 S. 4th Street
Artesia, N. M. 88210

January 22, 2024

NMOCD
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Dee 36 SW State Com Battery
M-36-19S-24E
Eddy County, NM
nMLB1032731552
nAB1520158982
nMLB0617247298

EOG Resources, Inc. is submitting the enclosed Closure Report for the above referenced site. The report is being submitted accompanying the NMOCD requested field karst survey completed by a geologist on the approved BLM list. The original Closure Report, denied by NMOCD on 12/1/2023 due to conflicting USGS and BLM karst determinations, is included. The Closure Report includes the activities completed at the site under the direct oversight and guidance of NMOCD District II staff as the meetings were held between NMOCD District II staff, EOG Resources, Inc., and Envirotech.

EOG Resources, Inc. requests closure.

If you have any questions, feel free to call me at (575) 748-1471.

Respectfully,

Chase Settle

Chase Settle
Rep Safety & Environmental Sr.
EOG Resources, Inc.

GOSHAWK
ENVIRONMENTAL CONSULTING, INC.

KARST SURVEY OF THE PROPOSED DEE 36 TANK BATTERY REMEDIATION EDDY COUNTY, NEW MEXICO

SECTION 36; TOWNSHIP 19S; RANGE 24E

Report Prepared for:

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

On Behalf of:

EOG Resources, Inc.
104 South 4th Street
Artesia, NM 88210

Report Prepared by:

Goshawk Environmental Consulting, Inc.
385 Creek Road
Dripping Springs, TX 78620

January 2024

GOSHAWK ENVIRONMENTAL CONSULTING, INC.

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1.0 BACKGROUND

EOG Resources, Inc. (EOG) is proposing a remediation effort at the Dee 36 Tank Battery in Eddy County, New Mexico (proposed project).

The proposed project would be within gypsum karst terrain, a landform characterized by underground drainage through solutionally enlarged conduits. Gypsum karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes that lead to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers in the region.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) as areas with low, medium, high, or critical karst potential occurrence zones. These zones are based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers. The proposed project occurs in a high karst potential occurrence zone (Map 1), on state-owned land (Map 2).

High karst potential occurrence zones are defined by the BLM as areas in known soluble rock types that exist at surface level or within 300 feet of the surface but may have a shallow insoluble overburden or soils that mask surface features. These areas may contain isolated karst features, such as caves and sinkholes. Sinkholes and cave entrances collect water and can accumulate rich, organic materials and soils. The stable microclimate near cave entrances supports a greater diversity and density of plant life, which provides habitat for a greater diversity and density of wildlife. The interior of the cave supports a large variety of troglobitic, or cave environment-dependent, species. Troglobitic species have adapted specifically to the cave environment due to constant temperatures, constant high humidity, and total darkness.

2.0 METHODOLOGY

Goshawk Environmental Consulting, Inc. (Goshawk) conducted a karst survey of the proposed project, which included a resource review, field investigation, and report of findings. The resource review was performed prior to the field investigation to gather site-specific information and evaluate the potential for karst features within the proposed project. The field investigation included an extensive search for karst features, with special attention given to areas identified in the resource review as potential karst areas. Additionally, former land use practices and modifications were evaluated.

The karst survey was performed in accordance with BLM CFO Karst Survey Requirements and the New Mexico State Land Office (NMSLO) Compliance Standards Document. Utilizing GIS software, a 200-meter karst survey was placed around unsurveyed portions of the proposed project. The resultant survey area covered 46.78 acres. The surveyor walked the survey area systematically, attempting to maintain survey transects spaced no farther than 50 meters apart. Maintaining transects at 50-meter intervals was not always possible due to vegetation and other surface restrictions. Goshawk utilized handheld Garmin eTrex 20 GPS unit to record possible karst features located during the field investigation, as well as to record the surveyors' tracks. Digital photographs of the survey area were taken to document current conditions.

2.1 RESOURCE REVIEW

The resource review included inspection of the US Geological Survey (USGS) Foster Ranch New Mexico topographic quadrangle; Geologic Map of New Mexico; Natural Resources Conservation Service (NRCS) Soil Survey Geographic (SSURGO) database; and recent aerial orthoimagery.

2.1.1 USGS Topographic Map

The USGS topographic quadrangle (Map 3) indicates the karst survey area is on slightly sloping terrain. Mapped elevations range from approximately 3,620 to 3,640 feet above mean sea level. The topographic map indicates the karst survey area is within grassland (white background). An improved road is mapped bisecting the karst survey area. One water feature, Dagger Draw, crosses the southern portion of the karst survey area. The proposed project is drained primarily by overland sheet flow generally toward the south into Dagger Draw. Dagger Draw flows toward the east. There are no features on the topographic map that would suggest potential karst within the survey area.

2.1.2 Geologic Map of New Mexico

The geologic map (Map 4) indicates the survey area is underlain by the Piedmont alluvial deposits (Qp). Piedmont Alluvial deposits are associated with higher gradient tributaries that border major stream valleys, alluvium from piedmont slopes, and alluvial fans (King 1948). Though it is not uncommon for any of the geologic formations of the general area to exhibit karst features, the Geologic Map of New Mexico does not provide specific evidence that karst features may exist within the survey area.

2.1.3 Soils Map

The NRCS SSURGO spatial data (Map 5) indicates the soil map units underlying the survey area are Pima silt loam (PM) and Reagan-Upton Association (RE). The Pima series consists of very deep, well drained, moderately rapidly permeable soils that formed in gravelly, loamy alluvium derived from limestone. These nearly level to very gently sloping soils occur on flood plains (Chugg 1971). Reagan series soils are found on level to gently sloping flats, valleys, and fans. They are well-drained with low runoff and moderate permeability. Reagan series soils are very deep, calcareous soils formed in alluvium. Reagan series soils are found on level to gently sloping flats, valleys, and fans. They are well-drained with low runoff and moderate permeability. Upton series soils consist of shallow, gravelly loams formed in alluvium and/or colluvium. Upton series soils are primarily found on ridges, divides, and foot-slopes. Upton soils are well-drained with medium to high runoff and moderate permeability (Chugg 1971). The soil map units are primarily derived from alluvium, which is the primary geologic formation for the survey area. Although the soil map units do not provide evidence of karst features within the karst survey area, soils with characteristics of swales and depressions tend to contain more karst features than other soils.

2.1.4 Aerial Orthoimagery

The aerial orthoimagery (Map 6) indicates the survey area is within rangeland dominated by shrubland vegetation. The improved road depicted on the topographic map is visible on the aerial orthoimagery as an asphalt road. Additional oil and gas development is visible adjacent to and in the general vicinity of the proposed project. Dagger Draw does not appear to be channelized within the survey area on the aerial orthoimagery. However, significant erosion is noted within Dagger Draw

immediately southeast of the survey area. There is no evidence on the aerial orthoimagery that would suggest potential karst features within the survey area.

2.2 FIELD INVESTIGATION

Goshawk conducted the field investigation on 14 January 2024 within the karst survey area. The field investigation was conducted on foot by Zane Homesley. The GPS tracks for the karst surveyor are indicated in Map 7.

Terrain within the survey area was slightly sloping (Photo 1). Past land use was intensive livestock grazing; however, oil and gas activity has become increasingly common in the area. The improved road and oil and gas development visible on the aerial orthoimagery does exist as shown.

The vegetative community observed during the field investigation was consistent with that shown on the aerial orthoimagery. The entire survey area is a shrubland vegetative community interspersed with grasses. The primary species noted within the shrublands included honey mesquite, four-wing saltbush, acacia, creosote, grama grass, and threeawn. Generally, shrub size and density increase across the survey area from north to south. The northern portion of the survey area has a coverage of approximately 25 percent with more barren areas present (Photo 2). Vegetation coverage was estimated between 50 and 75 percent in the southern portion of the survey area (Photo 3). As noted on the aerial orthoimagery, Dagger Draw exhibits significant erosion in the southeast corner of the survey area and beyond (Photo 4). No potential karst features were observed within the survey area during the field investigation; however, subsurface voids not visible on the surface may still exist.

3.0 CONCLUSIONS AND RECOMMENDATION

Although unidentified subsurface karst features within the survey area are possible, no obvious potential karst features were identified during an extensive survey of the area. Goshawk recommends remediation be allowed to proceed as planned.

REFERENCES

Chugg, Jack C., George W. Anderson, Donald L. King, LaVaughn H. Jones

1971 Soil Survey of Eddy Area, New Mexico. United States Department of Agriculture. Soil Conservation Service. Pp. 38.

King, Philip B.

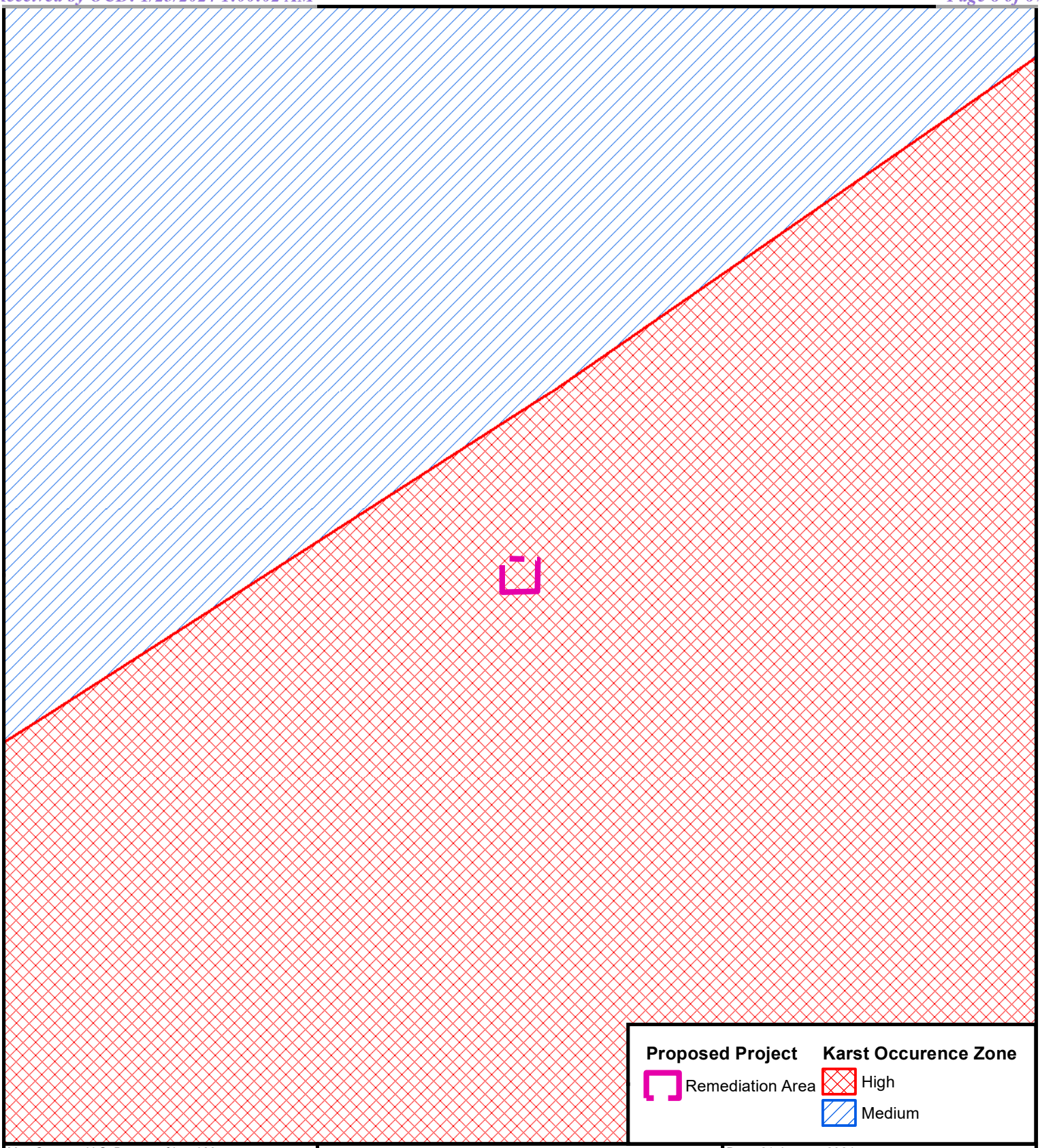
1948 Geology of the Southern Guadalupe Mountains Texas. Geological Survey Professional Paper #215. Pp. 91 and 155. United States Department of the Interior. United States Printing Office, Washington.

New Mexico Bureau of Geology and Mineral Resources

2003 Geologic Map of New Mexico, Scale 1:500,000.

APPENDIX A

MAPS



Map Source: U.S. Bureau of Land Management - New Mexico State Office - GIS Data Download;

0 500 1,000 Feet

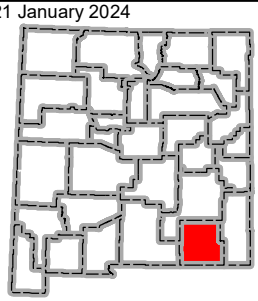
GOSHAWK ENVIRONMENTAL CONSULTING, INC.

Map 1
Karst Potential Occurrence Zones
Eddy County, New Mexico

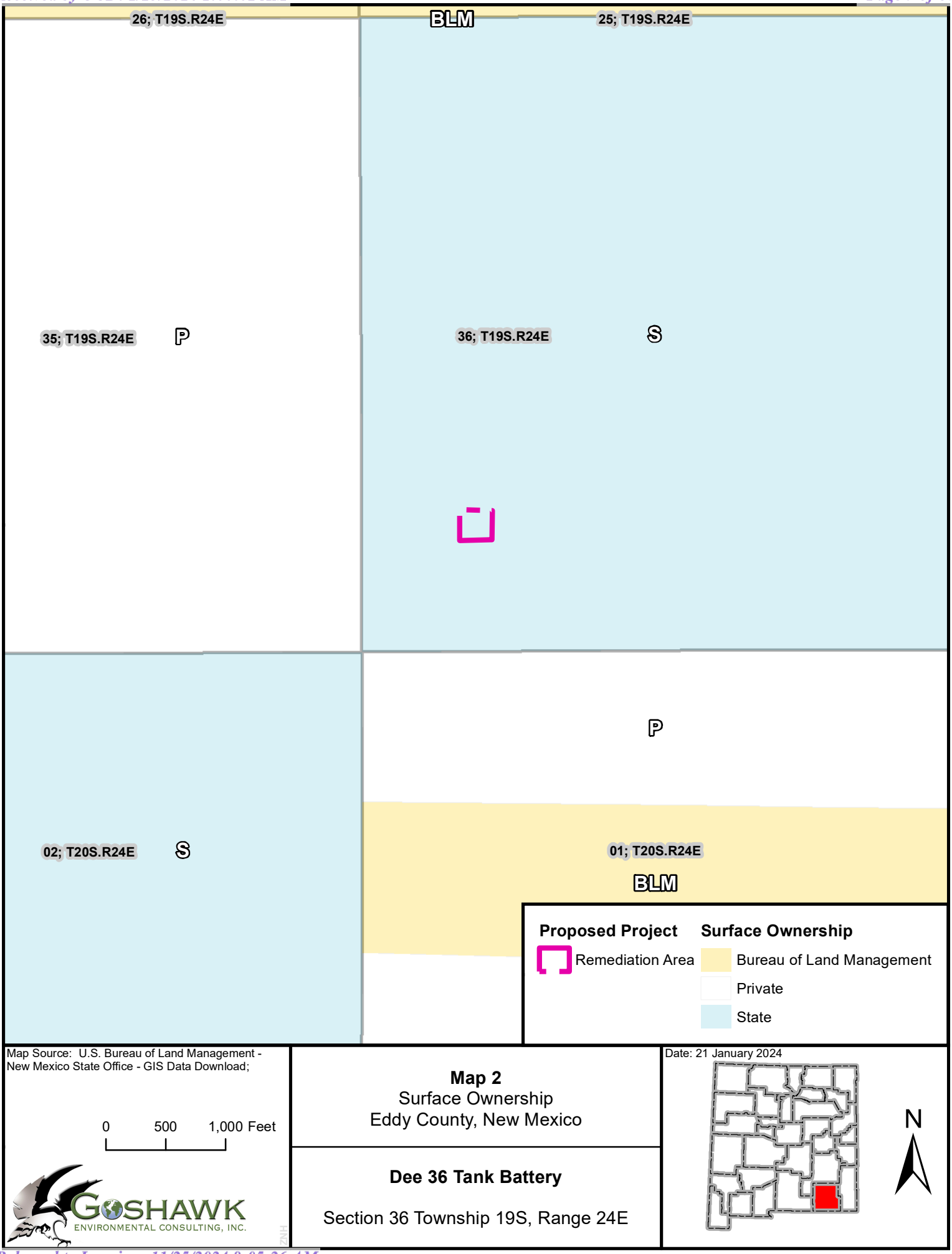
Dee 36 Tank Battery

Section 36 Township 19S, Range 24E

Date: 21 January 2024



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Map Source: U.S. Bureau of Land Management - New Mexico State Office - GIS Data Download;

0 500 1,000 Feet

GOSHAWK ENVIRONMENTAL CONSULTING, INC.

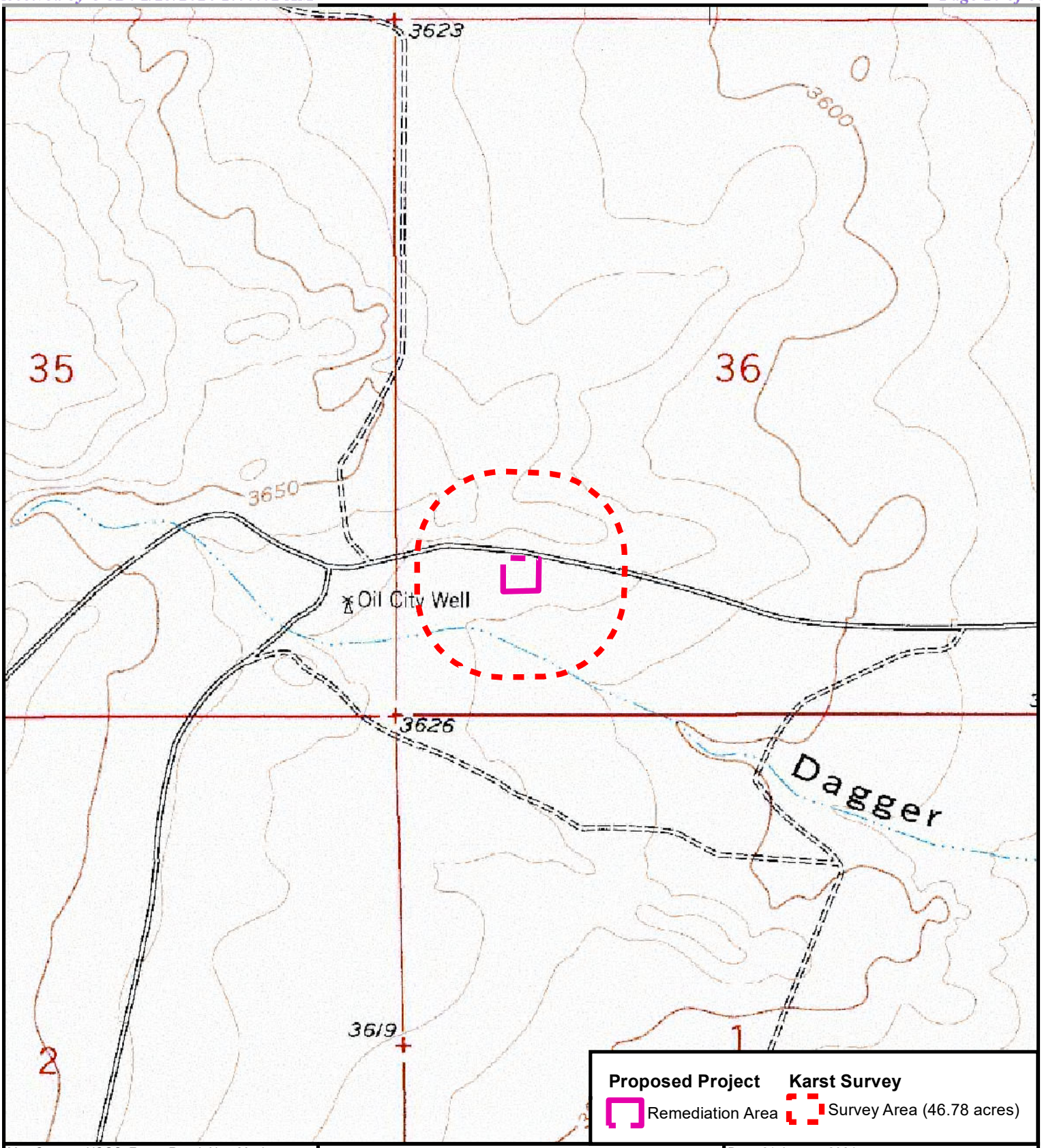
Map 2
Surface Ownership
Eddy County, New Mexico

Dee 36 Tank Battery

Section 36 Township 19S, Range 24E

Date: 21 January 2024

N



Map Source: USGS, Foster Ranch New Mexico Quadrangle.

0 500 1,000 Feet

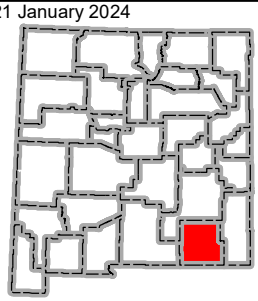
GOSHAWK ENVIRONMENTAL CONSULTING, INC.

Map 3
USGS Topographic
Eddy County, New Mexico

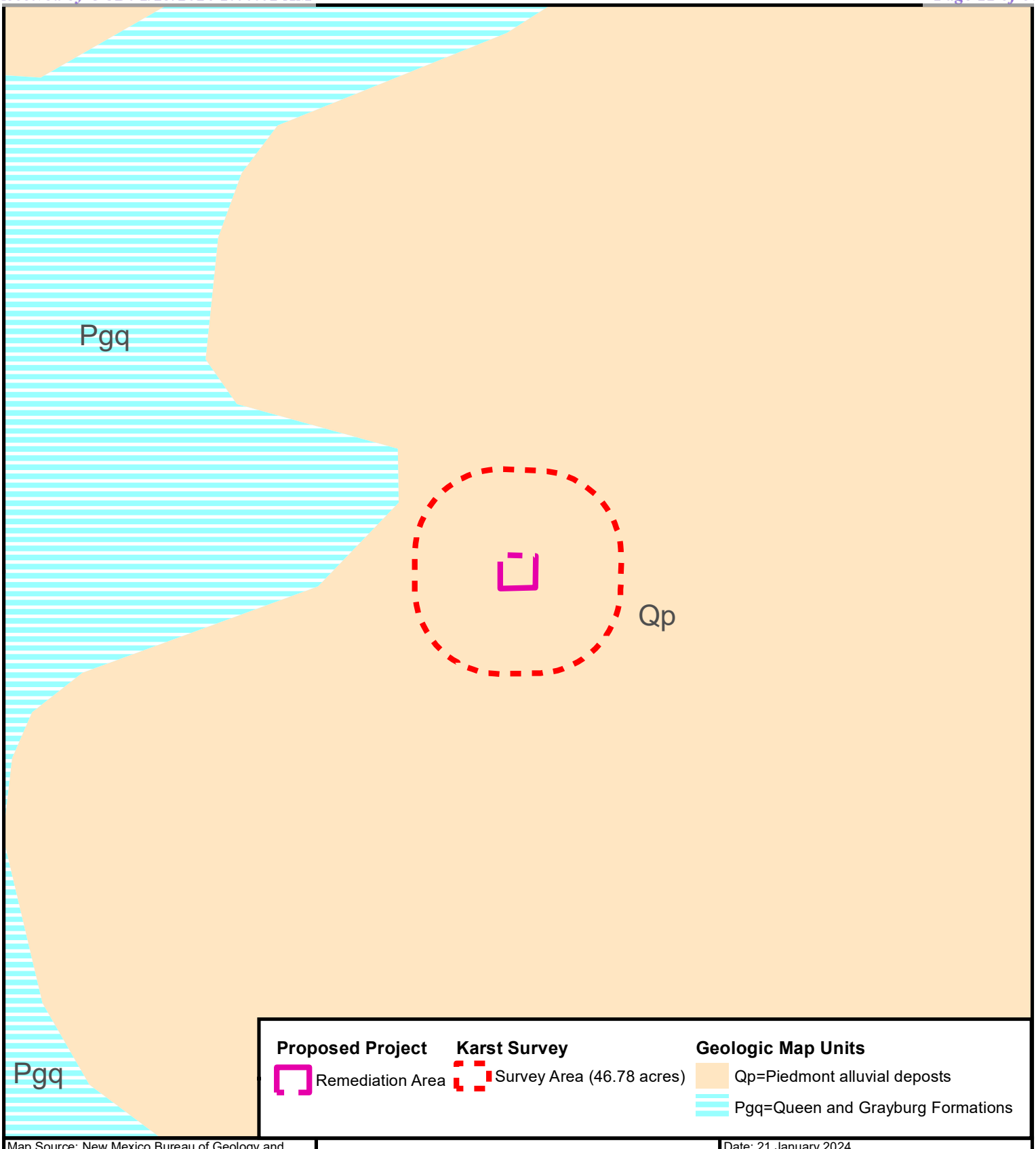
Dee 36 Tank Battery

Section 36 Township 19S, Range 24E

Date: 21 January 2024



N



Proposed Project
Remediation Area

Karst Survey
Survey Area (46.78 acres)

Geologic Map Units
Qp=Piedmont alluvial deposits
Pgq=Queen and Grayburg Formations

Map Source: New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, 1:500,000.

0 500 1,000 Feet

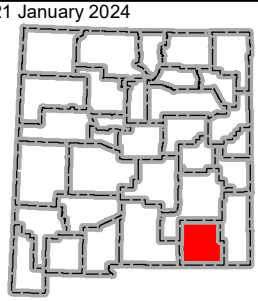
GOSHAWK ENVIRONMENTAL CONSULTING, INC.

Map 4
Geologic Map of New Mexico
Eddy County, New Mexico

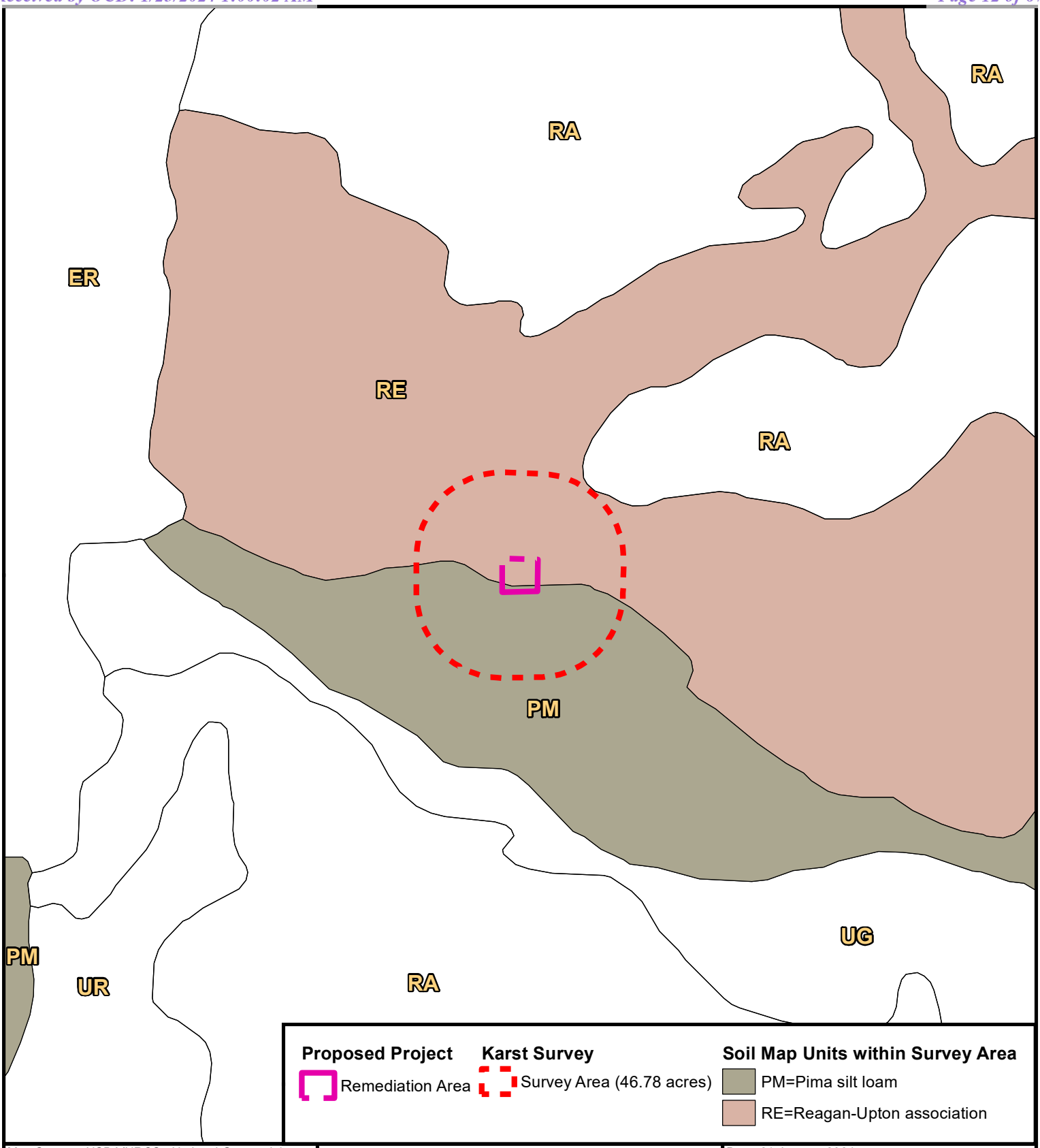
Dee 36 Tank Battery

Section 36 Township 19S, Range 24E

Date: 21 January 2024



N



Map Source: USDA/NRCS - National Geospatial Center of Excellence. Soil Survey Geographic (SSURGO) Eddy County, NM.

0 500 1,000 Feet

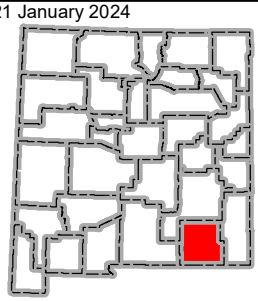
GOSHAWK ENVIRONMENTAL CONSULTING, INC.

Map 5
NRCS SSURGO
Eddy County, New Mexico

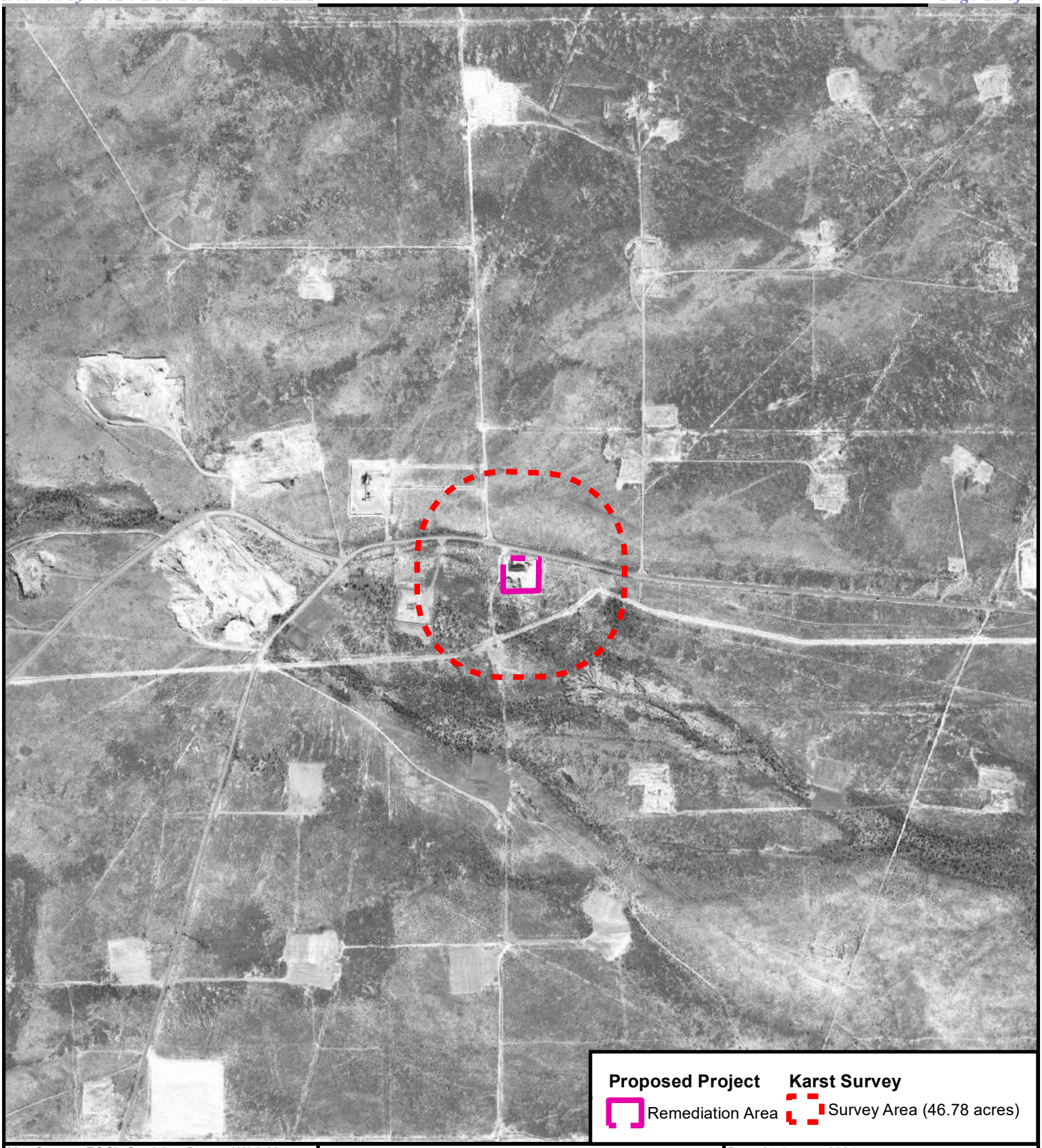
Dee 36 Tank Battery

Section 36 Township 19S, Range 24E

Date: 21 January 2024



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Map Source: EOG's Spatial on Demand Web Map Service - Maxar Most Recent Layer.

0 500 1,000 Feet

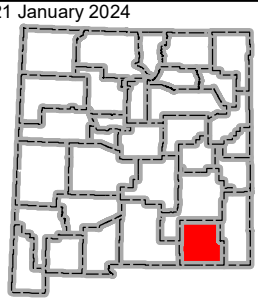
GOSHAWK ENVIRONMENTAL CONSULTING, INC.

Map 6
Aerial Orthoimagery
Eddy County, New Mexico

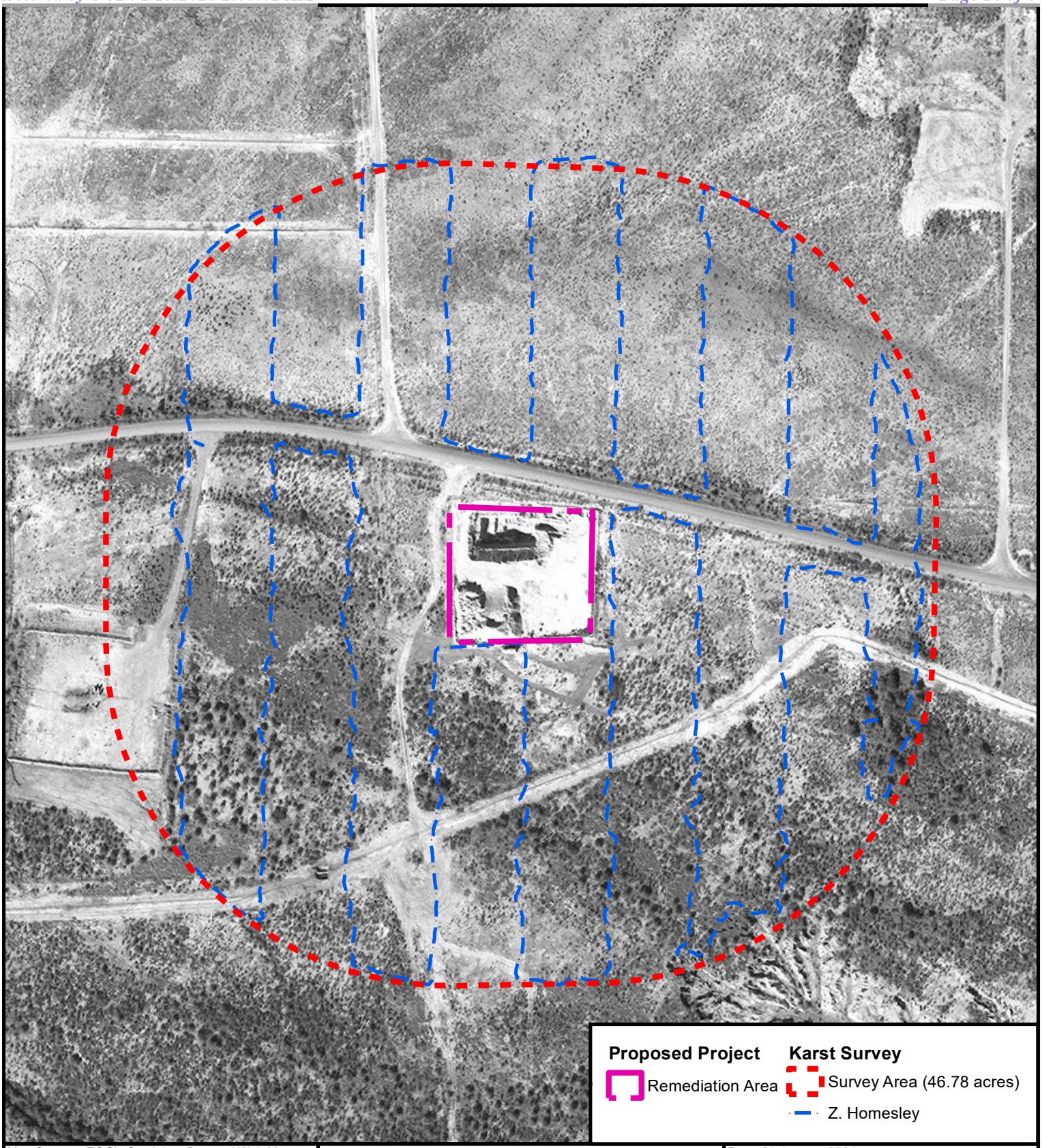
Dee 36 Tank Battery

Section 36 Township 19S, Range 24E

Date: 21 January 2024



N



Map Source: EOG's Spatial on Demand Web Map Service - Maxar Most Recent Layer.

0 125 250 Feet

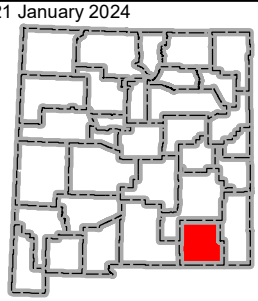
GOSHAWK ENVIRONMENTAL CONSULTING, INC.

Map 7
Karst Survey
Eddy County, New Mexico

Dee 36 Tank Battery

Section 36 Township 19S, Range 24E

Date: 21 January 2024



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GOSHAWK ENVIRONMENTAL CONSULTING, INC.

APPENDIX B

PHOTOGRAPHS

Photo #: 1	Date: 14 January 2024
Slightly sloping terrain within karst survey area	

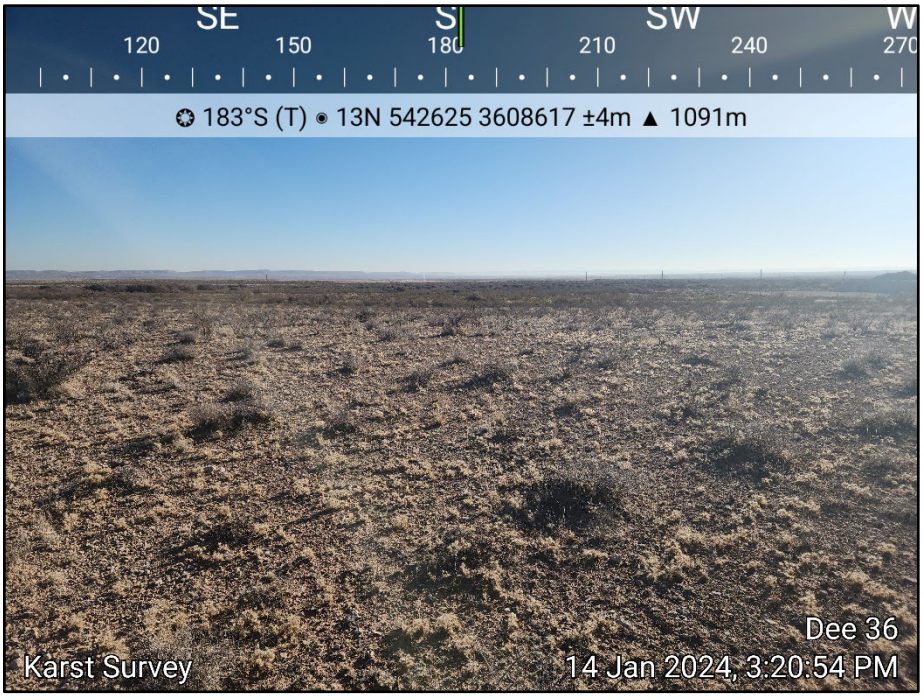
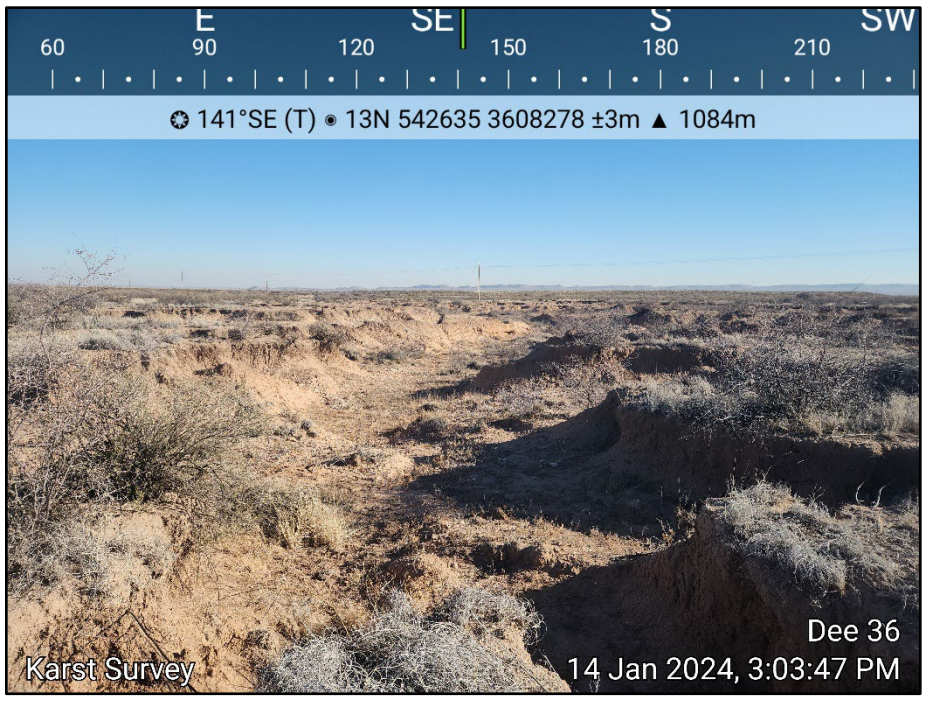
Photo #: 2	Date: 14 January 2024
Northern portion of the karst survey area exhibits lower percentage of vegetative coverage and smalle shrubs	

Photo #: 3	Date: 14 January 2024
Increased density and height of shrubs in southern portion of the karst survey area	

Photo #: 4	Date: 14 January 2024
Significant erosion noted within Dagger Draw near southeast corner of karst survey area	

EOG Resources, Inc.
Artesia Division Office
104 S. 4th Street
Artesia, NM, 88210

EOG Resources, Inc.

Remediation Closure Report

Dee 36 SW State Com Battery

30-015-26185

Unit M, Section 36, T19S, R24E

Eddy County, New Mexico

Incident IDs:
NMLB1032731552
NAB1520158982*
NMLB0617247298

September 13, 2023

***see addendum section in report and Appendix 6**

Received by OCD: 1/23/2024 1:00:02 AM

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II. Siting Criteria 3
III. Remediation Activities 4
On Site Soil Remediation 4
Continued Remediation Excavation 4
Excavation Laboratory Analytical Results 5
In-Situ Remediation 5
Discussion 5
IV. Conclusion 6
Site Stabilization and Restoration 6
V. Addendum 6

Appendix 1: Figure 1, Vicinity Map
Figure 2, Site Map
Figure 3, Treatment Cells – August 2022
Figure 4, Treatment Cells – September 2022
Figure 5, Remediation Excavation – 0.5 to 4 feet
Figure 6, Remediation Excavation – 4 to 35 feet

Table 1, Summary of Treatment Cell Analytical Results
Table 2, Summary of Remediation Excavation Analytical Results

Appendix 2: Siting Criteria Documentation
Appendix 3: Site Photography
Appendix 4: Regulatory Correspondence
Appendix 5: Laboratory Analytical Reports
Appendix 6: Incident Report and Historical Aerial Imagery
Appendix 7: Geologic Discussion

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I. Introduction

EOG Resources contractors completed the remediation activities and confirmation sampling at the site identified as Dee 36 SW State Com Battery. The site is located within Unit M, Section 36, Township 19 South, Range 24 East in Eddy County, New Mexico. The site location is further described as being located at 32.61271, -104.54685 (latitude, longitude); see **Figure 1, Vicinity Map**.

All surface equipment has been removed from the subject site, and remediation activities associated with the former tank battery have been on going since 2017. Remediation workplans were submitted in 2017 and 2018 to New Mexico Oil Conservation Division (OCD). All remediation activities have been conducted in accordance with the previously submitted workplans and per *19.15.29 NMAC*.

II. Siting Criteria

Based on information provided by the United States Department of Agriculture Natural Resources Conservation Service (NRCS) Web Soil Survey, the soil predominant at the former tank battery is the Reagan Upton association (loam) which consists of alluvium and/or eolian deposits from weathered limestone.

Depth to water was determined to be greater than 200 feet at the subject site. This information is based on the January 2011 data taken from a water well located 1,265 feet west of the subject site.

The subject site lies outside of a high karst occurrence area per the approved Karst Map obtained from the USGS published August 2014 and updated March 2021. The site is also outside of a designated flood zone. Siting criteria documentation for the subject well site is provided in **Appendix A, Siting Documentation**. The following release closure criteria from *19.15.29.12 NMAC* are applicable to the subject remediation project:

Constituent	Method	Limit
Chloride	EPA 300.0	20,000 mg/kg
Total Petroleum Hydrocarbons (TPH) as Gasoline and Diesel Range Organics (GRO/DRO)	EPA Method 8015D	1,000 mg/kg
TPH as GRO, DRO, and Oil Range Organics (MRO)	EPA Method 8015D	2,500 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA Method 8021B	50 mg/kg
Benzene	EPA Method 8021B	10 mg/kg

The following remediation closure criteria from *19.15.29.13 NMAC* are applicable to the subject remediation project for the upper 4 feet:

Constituent	Method	Limit
Chloride	EPA 300.0	600 mg/kg
TPH (GRO/DRO/MRO)	EPA Method 8015D	100 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA Method 8021B	50 mg/kg
Benzene	EPA Method 8021B	10 mg/kg

III. Remediation Activities

On Site Soil Remediation

A remediation excavation was initiated in 2018 within the former tank battery footprint. The remediation excavation measured approximately 65 feet by 100 feet by 15 feet deep. The soil removed was placed into soil remediation treatment cells on site. From 2018 to 2022 the soil was remediated using aeriation methods and multiple applications of fresh water and amended water (MicroBlaze®). **Figure 2, Site Map** illustrates the original treatment cell layout.

Under NMOCD confirmation sampling notifications, treatment cells were divided into grids representative of 200 square feet or less and sampled for constituents listed in Table 1 above. All soil samples collected for laboratory analysis were placed into individual laboratory provided containers, capped head space free, and transported on ice to Envirotech Analytical Laboratory under strict chain of custody.

As the soil in each grid was remediated to acceptable release closure criteria, the soil was stockpiled for use as backfill below 4 feet bgs. All treated soil was determined to be acceptable for backfill in September 2022. Treatment cell progression is also illustrated in **Figure 3** and **Figure 4**, and summarized in **Table 1, Summary of Treatment Cell Analytical Results**.

Continued Remediation Excavation

Once the treatment cells were completed and stockpiled, the remediation excavation was continued. The excavation was extended November 2022 to February 2023. Soil removed from the excavation was transported off-site to an NMOCD soil remediation facility. Final excavation extents measure 110 feet by 87 feet. Depths vary from 20 to 35 feet, with one (1) test hole being excavated to 40 feet in the center of grids 14,15, 18, and 19.

The horizontal and vertical extents of the excavation were limited due to site restrictions to create a safe excavation. The soil is loam and sandy and the excavation walls were prone to

sloughing. Additionally, the walls could not be sloped in accordance with approved slope ratios because the site boundary to the north was restricted (county road right of way).

The excavation walls were divided into grids representative of 200 square feet or less and the upper 4 feet were segregated. A similar sampling protocol was followed for walls extending 4 feet to 25 feet and the base of the excavation. Soil samples were analyzed for constituents listed in Table 1. All soil samples collected for laboratory analysis were placed into individual laboratory provided containers, capped head space free, and transported on ice to Envirotech Analytical Laboratory under strict chain of custody. The sample locations are illustrated in **Figure 5, Excavation 0.5 to 4 feet** and **Figure 6, Excavation 4 to 25 feet**. The laboratory results are summarized in **Table 2, Summary of Excavation Analytical Results.**

Excavation Laboratory Analytical Results

All walls and base samples of the excavation reported concentrations of contaminants of concern below applicable remediation or reclamation closure criteria with the exception of base grids 10, 11, 14, 15, 16, 18, and 19. TPH and BTEX remain above release closure criteria in this area of the excavation. Chloride concentrations are reported well below the closure standard.

A test hole, centrally located within the subject base grids, was excavated to 40 feet bgs on February 14, 2023. The concentrations of petroleum hydrocarbons remain above the release closure criteria. As mentioned, the site restrictions make further excavation to this depth and beyond impractical.

In-Situ Remediation

EOG held a meeting with NMOCD on February 15, 2023, and a verbal agreement was reached regarding not extending the excavation any further due to site restrictions and safety concerns. Based on the site conditions, the agreement also included treatment of the base “hot zone” with MicroBlaze®. On February 23, 2023, contractors applied 40 gallons of concentrate, diluted with 3,300 gallons of water to the deepest portions of the excavation.

Discussion

The treated area was reassessed on March 23, 2023. Sampling protocol followed the above mentioned procedures, and samples were submitted to Envirotech Analytical Laboratory. The laboratory analytical results indicated Chloride, TPH, BTEX, and Benzene were below laboratory detection limit in the sample taken from 40 feet.

IV. Conclusion

EOG's contractors completed the remediation activities and sampling at the Dee 36 SW State Com Battery. Based on the remediation excavation activities, the hydrocarbon contamination is horizontally delineated within the excavation extents.

Site Stabilization and Restoration

The backfill will be track compacted in 2-foot lifts and the surface will be prepared for seeding. The site will be reseeded in accordance with 19.15.29.13 NMAC with a seed mixed approved by the New Mexico State Land Office (surface owner).

V. Addendum

Incident NAB1520158982 was mis-identified during initial reporting as the Dee 36 SE State Com #1. Based on photographs taken at the time of the incident there were 5 tanks onsite at the time of the release; **see Appendix 6.** Historical aerials were researched via google earth and the Dee 36 SE State Com #1 has always had only 2 tanks on the site however, the Dee 36 SW State Com Battery shows in historical images that it has 5 tanks onsite. EOG is requesting that the incident NAB1520158982 be changed to the Dee 36 SW State Com Battery and be closed under the same work presented in this report.

VI. Variance Request

The current closure criteria established by OCD for the Dee 36 location are the less than 50 foot depth to groundwater criteria provided in Table 1 of 19.15.29.12 NMAC. This closure criteria standard has been established based on the location being within the boundaries of the OCD Karst Potential Map. All other requirements have been met to qualify the Dee 36 for the greater than 100-foot depth to groundwater closure criteria.

Demonstration of Protection Provided by Variance (See Appendix 7: Geologic Discussion)
Pursuant to 19.15.29.14.A.2, the variance will provide equal or better protection of fresh water, public health, and the environment. For the purposes of this demonstration, these criteria are considered as three broad categories of potential receptors of contamination from oil and gas spill locations. The concern is that unstable ground conditions, primarily from karst terrain, could increase the risk of receptor exposure to contaminants.

If exposed to contaminants due to oil and gas spill locations affected by unstable ground conditions, fresh water could be rendered unusable for human or livestock consumption or for irrigation use. The types of exposures to public health could include dermal contact, inhalation, and ingestion. The environment could be impacted in a variety of ways including air quality, plant growth, or impacts to native fauna.

Unstable areas due to karst develop through the dissolution of limestone or dolomite formations by acidic groundwater. Various potential effects of karst that would increase the risk of receptor exposure include:

1. Weakened limestone formations causing sinkhole formation through surface collapse and exposure of contaminants that were previously well below surface grade.

2. Increased velocity and volume of groundwater flow through enlarged fractures or other secondary porosity and permeability structures which could cause contaminant migration in unpredictable directions to impact fresh surface or groundwater.

3. Increased rates of precipitation infiltration and subsequent contamination of freshwater supplies.

For any of these potential karst effects to increase the risk of receptor exposure, the karst must occur either relatively close to the surface, in the saturated zone below the water table, or be so massive and extensive that a deep collapse of a cavern could cause disruption of the surface and the relatively shallow hydrogeologic conditions. The attached detailed analysis of both the regional geology and the specific hydrogeology of the Dee 36 location provides evidence that there is no indication of either shallow, near surface karst or massive karst at depth.

To summarize the hydrogeologic analysis in terms of the potential for unstable conditions at the Dee 36 location due to karst:

1. The depth to groundwater beneath the Dee 36 location is approximately 280-300 feet bgs, as confirmed by the USGS 323649104325601 water well at the location.

2. The Dee 36 location is underlain by 100-120 feet of Quaternary piedmont formation. The formation is comprised of interbedded lenticular limestone clasts and sand. The carbonate clasts act as a chemical buffer which will increase the pH of precipitation. The potential for subsurface carbonate dissolution due to acidic precipitation, i.e. karst formation, at the Dee 36 location will thus be reduced.

3. The Queen Formation occurs at 100-120 feet bgs as relatively thin 80-100 feet thick, beds of dolomite 180 feet above the highest occurrence of groundwater at 280-300 feet bgs. At the present time, the Queen Formation is not being subjected to dissolution by groundwater. Dolomite consists of magnesium carbonate rather than the calcium carbonate that comprises limestone. Due to this chemical composition, dolomite is more resistant to dissolution by acidic groundwater.

4. Based on this geologic analysis, EOG Resources concludes that the Dee 36 location has a low potential for karst occurrence.

5. Disturbance of the Dee 36 location due to unstable conditions caused by karst formation is therefore a de minimis risk.

The Dee 36 location is not an unstable area and does not possess hydrogeologic conditions that would promote increased risk of receptor exposure. Therefore, the variance will provide equal or better protection of fresh water, public health, and the environment than attempting further location remediation to achieve the most stringent standards in Table 1.

Received by OCD: 1/23/2024 1:00:02 AM

Appendix 1

Figure 1, Vicinity Map
Figure 2, Site Map
Figure 3, Treatment Cells – August 2022
Figure 4, Treatment Cells – September 2022
Figure 4, Remediation Excavation – 0.5 to 4 feet
Figure 5, Remediation Excavation – 4 to 35 feet

Table 1, Summary of Treatment Cell Analytical Results
Table 2, Summary of Remediation Excavation Analytical Results

Released to Imaging: 11/25/2024 8:05:26 AM

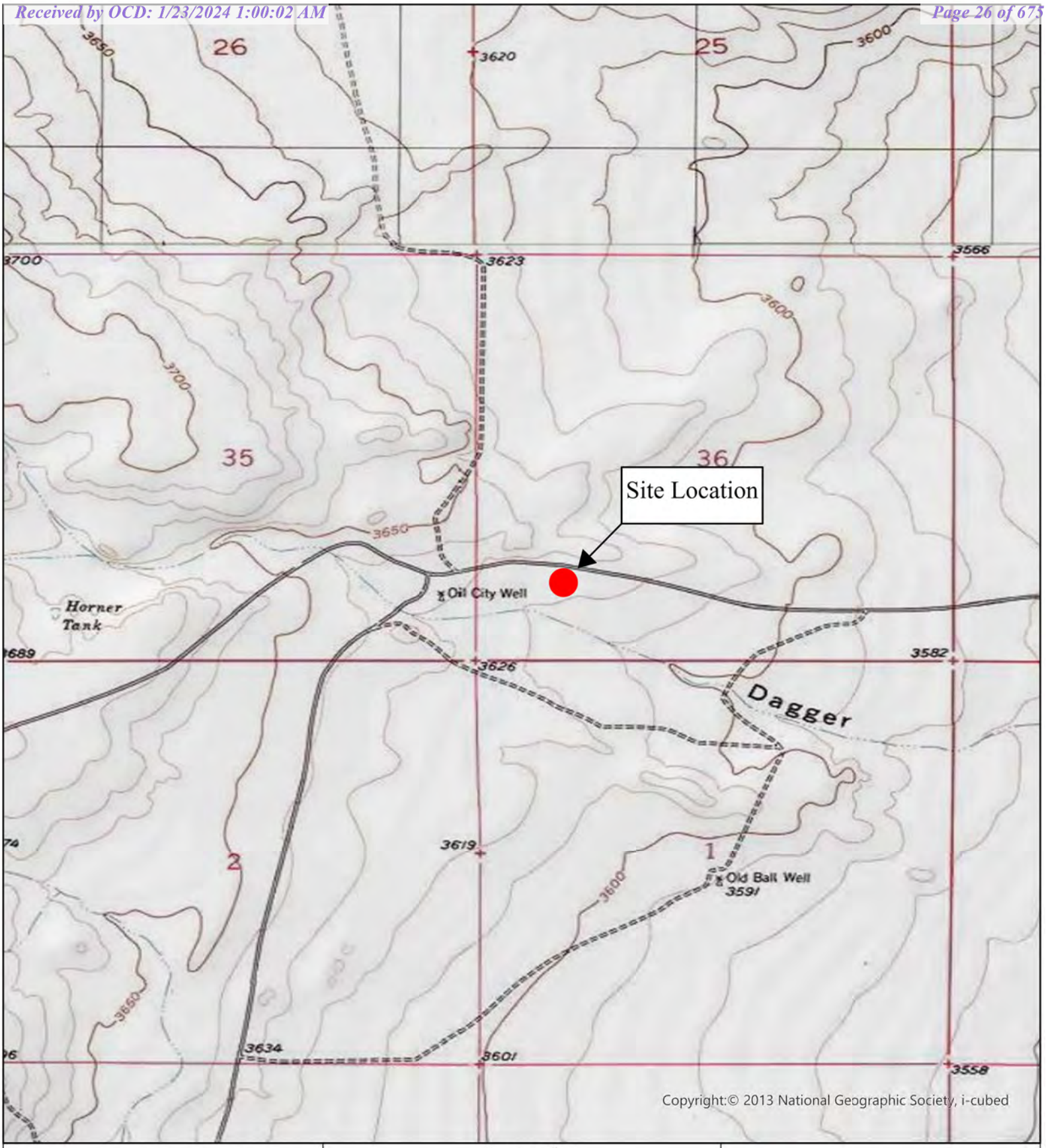


Figure 1, Vicinity Map

EOG Resources
Dee 36 State Com Battery
API: 30-015-26185
Unit M, Section 36, Township 19S, Range 24E
Eddy County, New Mexico
32.61675, -104.55663
Project #19034.0012

Legend

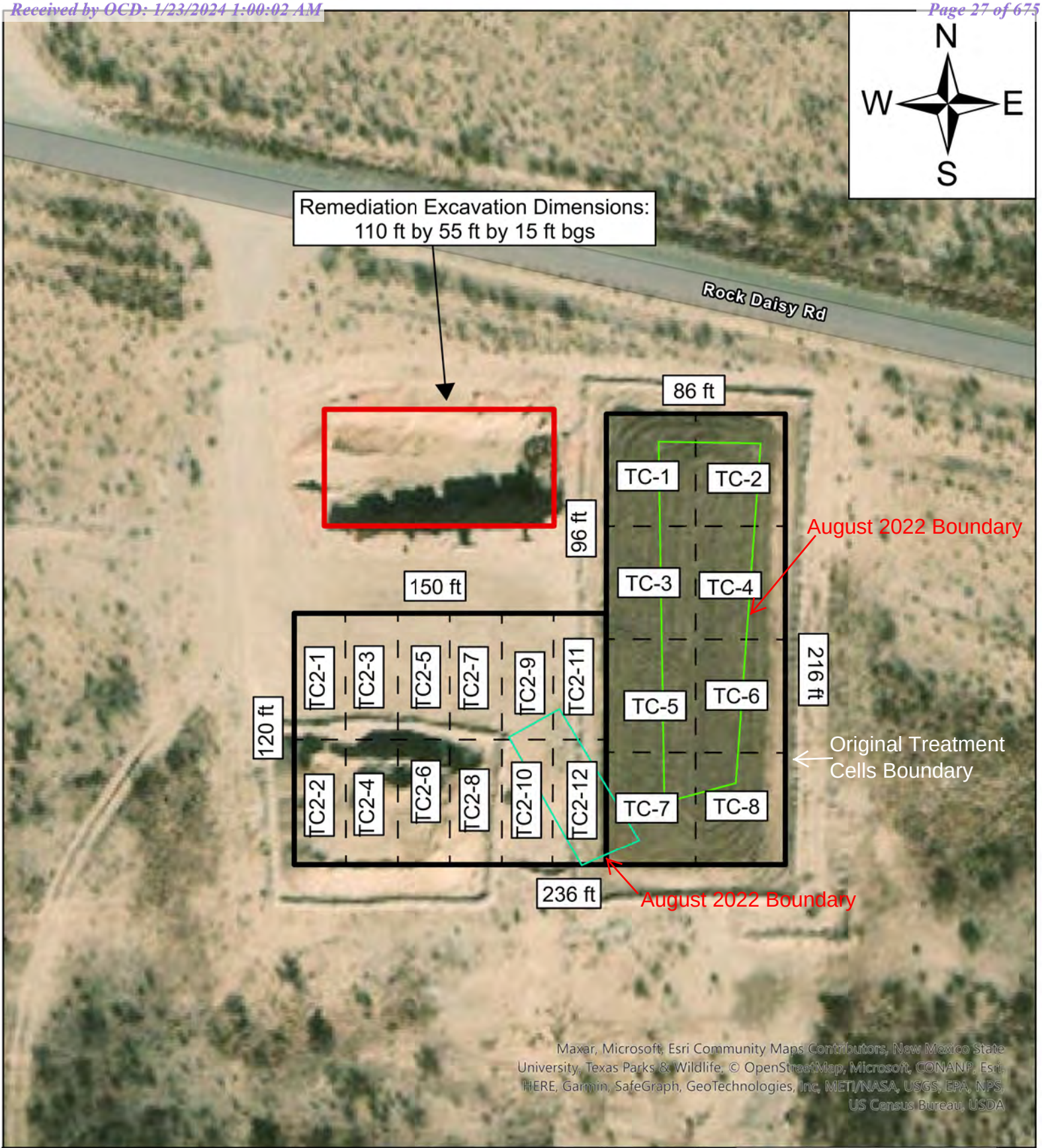
N
W E
S

1:20,000

0 500 1,000 2,000 Feet

envirotech

Environmental Scientists and Engineers
5796 U.S Highway 64
Farmington, New Mexico 87401
505.632.0615
Date Drawn: 02/15/2023
Drawn by: P. Mesa



Legend

bgs - below ground surface

ft - feet

Figure 2, Site Map

EOG Resources
Dee 36 State Com Battery
API: 30-015-26185
Unit M, Section 36, Township 19S, Range 24E
Eddy County, New Mexico
32.61675, -104.55663
Project #19034-0012

envirotech
Environmental Scientists and Engineers
5796 U.S Highway 64
Farmington, New Mexico 87401
505.632.0615

Date Drawn: 06/16/2022
Drawn by: B.Hall

Released to Imaging: 11/25/2024 8:05:26 AM

Received by OCD: 1/23/2024 1:00:02 AM

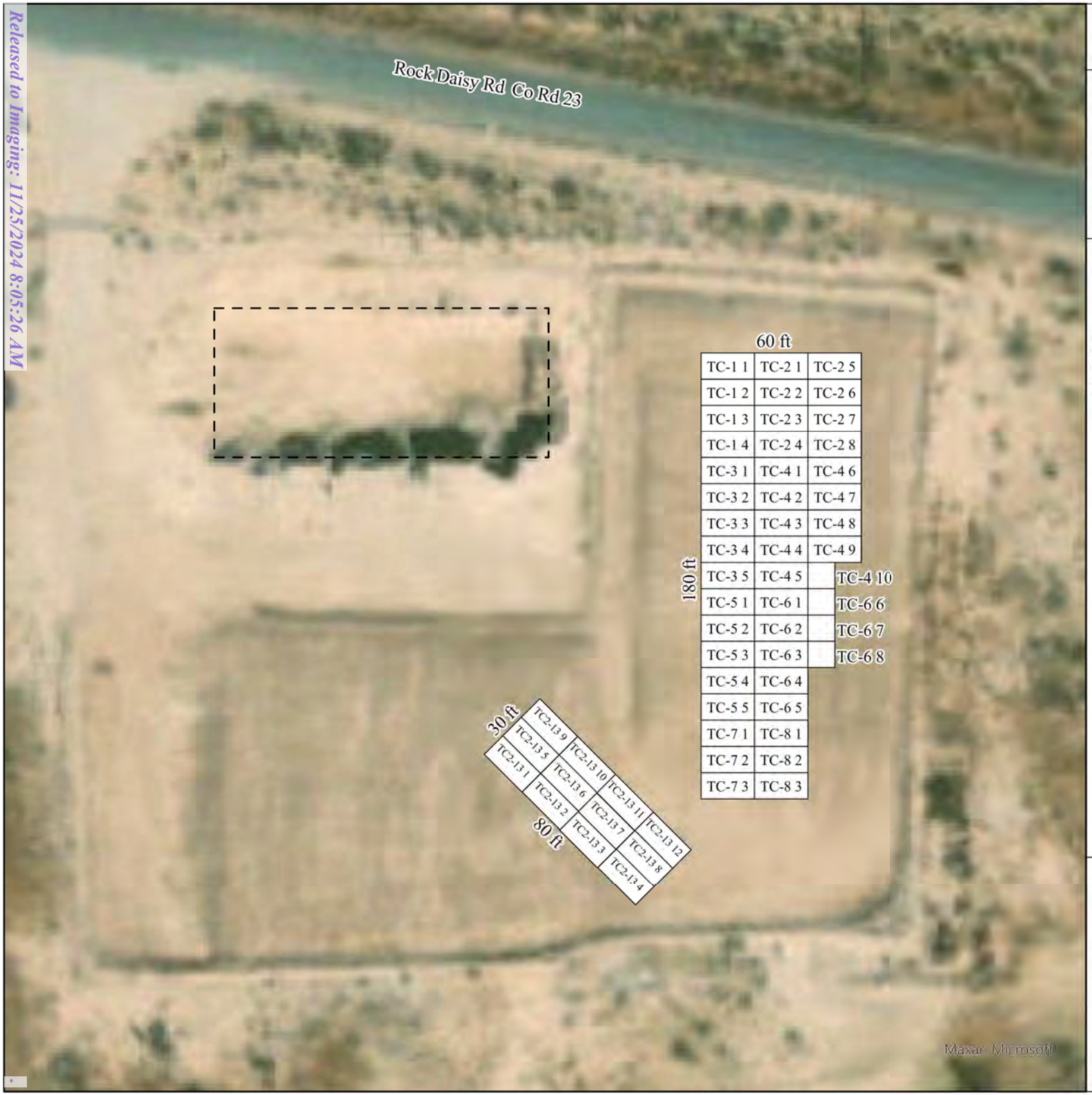


Figure 3, Treatment Cell
August 2022

EOG Resources
Dee 36 State Com Battery
API: 30-015-26185
Unit M, Section 36, Township 19S, Range 24E
Eddy County, New Mexico
32.61675, -104.55663
Project #19034-0012

Legend

TC - Treatment Cell

Remediation Excavation

N
W E
S

1:600

0 10 20 40 60 80 Feet

envirotech

Environmental Scientists and Engineers
5796 U.S Highway 64
Farmington, New Mexico 87401
505.632.0615

Date Drawn: 02/15/2023
Drawn by: P. Mesa

Released to Imaging: 11/25/2024 8:05:26 AM

Received by OCD: 1/23/2024 1:00:02 AM

Figure 4, Treatment Cells
September 2022

EOG Resources
Dee 36 State Com Battery
API: 30-015-26185
Unit M, Section 36, Township 19S, Range 24E
Eddy County, New Mexico
32.61675, -104.55663
Project #19034-0012



Legend

TC - Treatment Cell

Remediation Excavation

N
W E
S

1:600

0 10 20 40 60 80 Feet

envirotech
Environmental Scientists and Engineers
5796 U.S Highway 64
Farmington, New Mexico 87401
505.632.0615

Date Drawn: 02/15/2023
Drawn by: P. Mesa

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

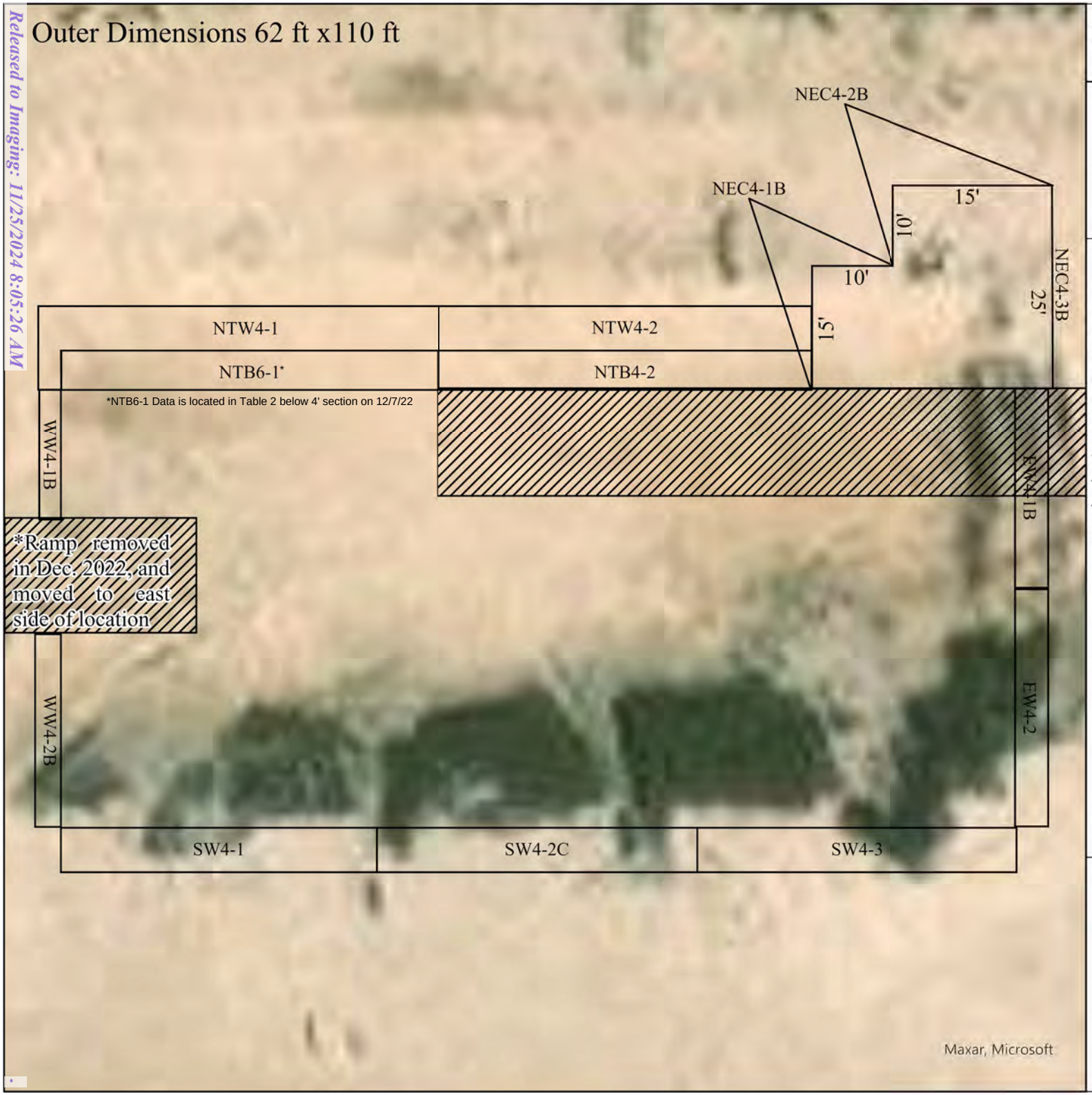


Figure 5, Excavation 0.5 to 4 ft

EOG Resources
Dee 36 State Com Battery
API: 30-015-26185
Unit M, Section 36, Township 19S, Range 24E
Eddy County, New Mexico
32.61675, -104.55663
Project #19034-0012

Legend

Sample Area

Ramp

Acronyms:

W - Wall
TB - Tier Base
TW - Tier Wall
NEC - North East Corner (0.5-4 ft)

N
W E
S

1:200
0 5 10 20 30 Feet

envirotech
Environmental Scientists and Engineers
5796 U.S Highway 64
Farmington, New Mexico 87401
505.632.0615
Date Drawn: 06/13/2023
Drawn by: P. Mesa

Released to Imaging: 11/25/2024 8:05:26 AM

Received by OCD: 1/23/2024 1:00:02 AM

Base Dimensions 45 ft x105 ft

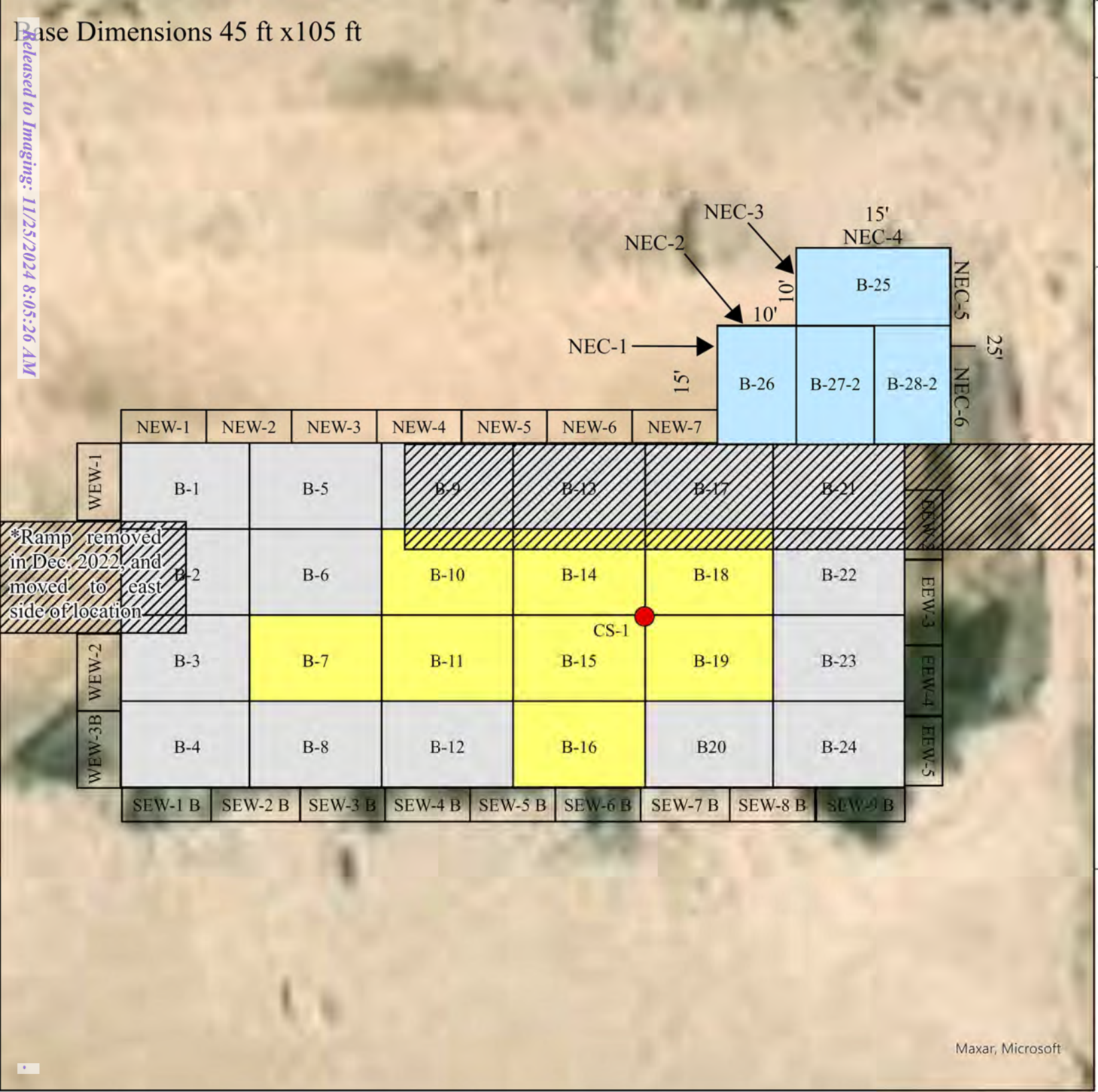


Figure #6, Excavation 4 to 35 ft

EOG Resources
Dee 36 State Com Battery
API: 30-015-26185
Unit M, Sec 36, Twn 19S, Rng 24E
Eddy County, New Mexico
32.61675, -104.55663
Project #19034-0012

Legend

- Sample Area
- Base at 16 ft
- Base at 20 to 25 ft
- Base at 30 ft to35 ft
- Ramp
- Test Hole at 40 ft

Acronyms

EW - Excavation Wall
B - Base

N
W E
S

1:200

0 5 10 20 30 Feet

envirotech
Environmental Scientists and Engineers
5796 U.S Highway 64
Farmington, New Mexico 87401
505.632.0615
Date Drawn: 06/28/2023
Drawn by: P. Mesa

Table 1: Treatment Cell Summary of Analytical Results
EOG Resources, Inc. - Dee 36 SW State Com Battery

SAMPLE ID	Date Sampled	BENZENE	TOTAL BTEX	TPH (GRO+DRO)	TPH (GRO+DRO+ORO)	CHLORIDE
NMOCD Release Closure Criteria Table 1- 19.15.29.12 NMAC		*10*	*50*	*1,000*	*2,500*	*20,000*
TC-1 1	8/2/2022	<0.0250	<0.1	956	2,226	106
TC-1 2	8/2/2022	<0.0250	<0.1	906	1,986	100
TC-1 3	8/2/2022	<0.0250	<0.1	882	2,002	102
TC-1 4	8/2/2022	<0.0250	<0.1	812	1,724	94.8
TC-2 1	8/2/2022	<0.0250	<0.1	890	1,990	101
TC-2 2	8/2/2022	<0.0250	<0.1	867	1,967	103
TC-2 3	8/2/2022	<0.0250	<0.1	874	2,014	106
TC-2 4	8/2/2022	<0.0250	<0.1	935	2,165	115
TC-2 5	8/2/2022	<0.0250	<0.1	889	1,989	102
TC-2 6	8/2/2022	<0.0250	<0.1	955	2,155	98.7
TC-2 7	8/2/2022	<0.0250	<0.1	847	1,792	108
TC-2 8	8/2/2022	<0.0250	<0.1	928	1,968	106
TC-3 1	8/2/2022	<0.0250	<0.1	**1,030**	2,400	111
TC-3 2	8/2/2022	<0.0250	<0.1	912	1,899	110
TC-3 3	8/2/2022	<0.0250	<0.1	920	2,040	115
TC-3 4	8/2/2022	<0.0250	<0.1	899	1,894	101
TC-3 5	8/2/2022	<0.0250	<0.1	850	1,736	108
TC-4 1	8/2/2022	<0.0250	<0.1	906	2,036	113
TC-4 2	8/2/2022	<0.0250	<0.1	882	1,982	122
TC-4 3	8/2/2022	<0.0250	<0.1	924	2,094	112
TC-4 4	8/2/2022	<0.0250	<0.1	725	1,097	108
TC-4 5	8/2/2022	<0.0250	<0.1	755	1,187	119
TC-4 6	8/2/2022	<0.0250	<0.1	752	1,210	96.6
TC-4 7	8/2/2022	<0.0250	<0.1	768	1,231	109
TC-4 8	8/2/2022	<0.0250	<0.1	796	1,254	103
TC-4 9	8/2/2022	<0.0250	<0.1	796	1,268	109
TC-4 10	8/2/2022	<0.0250	<0.1	647	1,040	99.9
TC-5 1	8/2/2022	<0.0250	<0.1	751	1,141	116
TC-5 2	8/2/2022	<0.0250	<0.1	759	1,204	108
TC-5 3	8/2/2022	<0.0250	<0.1	728	1,176	123
TC-5 4	8/2/2022	<0.0250	<0.1	817	1,320	117
TC-5 5	8/2/2022	<0.0250	<0.1	810	1,327	116
TC-6 1	8/2/2022	<0.0250	<0.1	750	1,143	111
TC-6 2	8/2/2022	<0.0250	<0.1	770	1,240	112
TC-6 3	8/2/2022	<0.0250	<0.1	743	1,216	111
TC-6 4	8/2/2022	<0.0250	<0.1	747	1,209	101
TC-6 5	8/2/2022	<0.0250	<0.1	752	1,180	110
TC-6 6	8/2/2022	<0.0250	<0.1	779	1,279	110
TC-6 7	8/2/2022	<0.0250	<0.1	791	1,299	106
TC-6 8	8/2/2022	<0.0250	<0.1	838	1,392	112
TC-7 1	8/2/2022	<0.0250	<0.1	728	1,204	119
TC-7 2	8/2/2022	<0.0250	<0.1	723	1,215	136
TC-7 3	8/2/2022	<0.0250	<0.1	684	1,182	113
TC-8 1	8/2/2022	<0.0250	<0.1	686	1,149	114
TC-8 2	8/2/2022	<0.0250	<0.1	747	1,289	154
TC-8 3	8/2/2022	<0.0250	<0.1	781	1,307	173
TC2-13 1	8/2/2022	<0.0250	<0.1	694	1,097	96.4
TC2-13 2	8/2/2022	<0.0250	<0.1	693	1,076	89.8
TC2-13 3	8/2/2022	<0.0250	<0.1	671	1,066	92.9
TC2-13 4	8/2/2022	<0.0250	<0.1	609	1,016	125
TC2-13 5	8/2/2022	<0.0250	<0.1	685	1,092	87.3

Table 1: Treatment Cell Summary of Analytical Results
EOG Resources, Inc. - Dee 36 SW State Com Battery

SAMPLE ID	Date Sampled	BENZENE	TOTAL BTEX	TPH (GRO+DRO)	TPH (GRO+DRO+ORO)	CHLORIDE
TC2-13 6	8/2/2022	<0.0250	<0.1	679	1,022	98.5
TC2-13 7	8/2/2022	<0.0250	<0.1	733	1,143	96.1
TC2-13 8	8/2/2022	<0.0250	<0.1	738	1,184	104
TC2-13 9	8/2/2022	<0.0250	<0.1	760	1,196	92.5
TC2-13 10	8/2/2022	<0.0250	<0.1	710	1,145	97.9
TC2-13 11	8/2/2022	<0.0250	<0.1	652	1,037	78.9
TC2-13 12	8/2/2022	<0.0250	<0.1	687	1,084	102
TC-3 1	9/29/2022	<0.0250	<0.1	542	913	<20.0
TC-3 2	9/29/2022	<0.0250	<0.1	546	903	35.3
TC-3 3	9/29/2022	<0.0250	<0.1	398	675	59.4
TC-3 4	9/29/2022	<0.0250	<0.1	404	653	97.3
TC-3 5	9/29/2022	<0.0250	<0.1	544	895	32.1
TC-3 6	9/29/2022	<0.0250	<0.1	535	895	190
TC-3 7	9/29/2022	<0.0250	<0.1	394	646	<20.0
TC-3 8	9/29/2022	<0.0250	<0.1	554	936	26.3
TC-3 9	9/29/2022	<0.0250	<0.1	434	709	42.4
TC-3 10	9/29/2022	<0.0250	<0.1	537	864	231
TC-3 11	9/29/2022	<0.0250	<0.1	580	949	85.4
TC-3 12	9/29/2022	<0.0250	<0.1	543	881	73.8
TC-3 13	9/29/2022	<0.0250	<0.1	534	872	169
TC-3 14	9/29/2022	<0.0250	<0.1	532	886	92.7
TC-3 15	9/29/2022	<0.0250	<0.1	576	959	109
TC-3 16	9/29/2022	<0.0250	<0.1	631	1,067	159
TC-3 17	9/29/2022	<0.0250	<0.1	472	796	112
TC-3 18	9/29/2022	<0.0250	<0.1	569	965	140
TC-3 19	9/29/2022	<0.0250	<0.1	548	918	59.9
TC-3 20	9/29/2022	<0.0250	<0.1	606	997	67.3
TC-3 21	9/29/2022	<0.0250	<0.1	649	1,123	123
TC-3 22	9/29/2022	<0.0250	<0.1	805	1,395	80.2
TC-3 23	9/29/2022	<0.0250	<0.1	662	1,153	22.6
TC-3 24	9/29/2022	<0.0250	<0.1	666	1,206	30.0
TC-3 25	9/29/2022	<0.0250	<0.1	593	1,050	<20.0
TC-3 26	9/29/2022	<0.0250	<0.1	661	1,201	24.3
TC-3 27	9/29/2022	<0.0250	<0.1	685	1,223	104.0
TC-3 28	9/29/2022	<0.0250	<0.1	689	1,221	311
TC-3 29	9/29/2022	<0.0250	<0.1	701	1,229	132
TC-3 30	9/29/2022	<0.0250	<0.1	519	916	56.8
TC-3 31	9/29/2022	<0.0250	<0.1	781	1,387	107
TC-3 32	9/29/2022	<0.0250	<0.1	628	1,114	109
TC-3 33	9/29/2022	<0.0250	<0.1	646	1,154	79.5
TC-3 34	9/29/2022	<0.0250	<0.1	559	977	116
TC-3 35	9/29/2022	<0.0250	<0.1	590	1,042	52.0
TC-3 36	9/29/2022	<0.0250	<0.1	571	1,008	117
TC-3 37	9/29/2022	<0.0250	<0.1	455	796	98.6
TC-3 38	9/29/2022	<0.0250	<0.1	785	1,384	174
TC-3 39	9/29/2022	<0.0250	<0.1	595	1,055	77.6
TC-3 40	9/29/2022	<0.0250	<0.1	424	752	135
TC-3 41	9/29/2022	<0.0250	<0.1	576	966	92.9
TC-3 42	9/29/2022	<0.0250	<0.1	625	1,086	134
TC-3 43	9/29/2022	<0.0250	<0.1	661	1,159	<20.0
TC-3 44	9/29/2022	<0.0250	<0.1	622	1,076	21.9
TC-3 45	9/29/2022	<0.0250	<0.1	703	1,228	<20.0
TC-3 46	9/29/2022	<0.0250	<0.1	550	951	<20.0
TC-3 47	9/29/2022	<0.0250	<0.1	669	1,165	<20.0

Table 1: Treatment Cell Summary of Analytical Results
EOG Resources, Inc. - Dee 36 SW State Com Battery

SAMPLE ID	Date Sampled	BENZENE	TOTAL BTEX	TPH (GRO+DRO)	TPH (GRO+DRO+ORO)	CHLORIDE
TC-3 48	9/29/2022	<0.0250	<0.1	609	1,065	37.7
TC-3 49	9/29/2022	<0.0250	<0.1	626	1,075	119
TC-3 50	9/29/2022	<0.0250	<0.1	580	972	57.0
TC-3 51	9/29/2022	<0.0250	<0.1	577	989	156
TC-3 52	9/29/2022	<0.0250	<0.1	557	960	141
TC-3 53	9/29/2022	<0.0250	<0.1	672	1,152	193
TC-3 54	9/29/2022	<0.0250	<0.1	482	825	114
TC-3 55	9/29/2022	<0.0250	<0.1	607	1,034	204
TC-3 56	9/29/2022	<0.0250	<0.1	540	917	148
TC-3 57	9/29/2022	<0.0250	<0.1	636	1,096	247
TC-3 58	9/29/2022	<0.0250	<0.1	675	1,178	163
TC-3 59	9/29/2022	<0.0250	<0.1	706	1,184	202
TC-3 60	9/29/2022	<0.0250	<0.1	547	946	144
TC-3 61	9/29/2022	<0.0250	<0.1	621	1,475	287
TC-3 62	9/29/2022	<0.0250	<0.1	589	1,342	302
TC-3 63	9/29/2022	<0.0250	<0.1	753	1,813	128
TC-3 64	9/29/2022	<0.0250	<0.1	727	1,654	350
TC-3 65	9/29/2022	<0.0250	<0.1	634	1,517	84.6
TC-3 66	9/29/2022	<0.0250	<0.1	597	1,387	94.3
TC-3 67	9/29/2022	<0.0250	<0.1	782	1,842	63.3
TC-3 68	9/29/2022	<0.0250	<0.1	658	1,534	65.3
TC-3 69	9/29/2022	<0.0250	<0.1	601	1,389	64.4
TC-3 70	9/29/2022	<0.0250	<0.1	677	1,609	<20.0
TC-3 71	9/29/2022	<0.0250	<0.1	778	1,848	40.8
TC-3 72	9/29/2022	<0.0250	<0.1	766	1,743	47.1
TC-3 73	9/29/2022	<0.0250	<0.1	676	1,582	51.5
TC-3 74	9/29/2022	<0.0250	<0.1	741	1,761	127
TC-3 75	9/29/2022	<0.0250	<0.1	707	1,670	105
TC-3 76	9/29/2022	<0.0250	<0.1	875	1,895	158
TC-3 77	9/29/2022	<0.0250	<0.1	821	1,891	129
TC-3 78	9/29/2022	<0.0250	<0.1	735	1,671	160
TC-3 79	9/29/2022	<0.0250	<0.1	793	1,803	103
TC-3 80	9/29/2022	<0.0250	<0.1	561	1,270	145
TC-3 81	9/29/2022	<0.0250	<0.1	705	1,205	103
TC-3 82	9/29/2022	<0.0250	<0.1	665	1,133	96.3
TC-3 83	9/29/2022	<0.0250	<0.1	637	1,094	131
TC-3 84	9/29/2022	<0.0250	<0.1	520	875	233
TC-3 85	9/29/2022	<0.0250	<0.1	915	1,521	257
TC-3 86	9/29/2022	<0.0250	<0.1	628	1,100	189
TC-3 87	9/29/2022	<0.0250	<0.1	480	819	274
TC-3 88	9/29/2022	<0.0250	<0.1	659	1,149	167
TC-3 89	9/29/2022	<0.0250	<0.1	671	1,150	63.5
TC-3 90	9/29/2022	<0.0250	<0.1	546	946	40.0
TC-3 91	9/29/2022	<0.0250	<0.1	716	1,242	<20.0
TC-3 92	9/29/2022	<0.0250	<0.1	643	1,101	70.9
TC-3 93	9/29/2022	<0.0250	<0.1	482	817	265
TC-3 94	9/29/2022	<0.0250	<0.1	634	1,093	61.9
TC-3 95	9/29/2022	<0.0250	<0.1	649	1,118	80.1
TC-3 96	9/29/2022	<0.0250	<0.1	628	1,065	55.0
TC-3 97	9/29/2022	<0.0250	<0.1	655	1,105	41.8
TC-3 98	9/29/2022	<0.0250	<0.1	592	1,031	83.4
TC-3 99	9/29/2022	<0.0250	<0.1	629	1,074	95.6
TC-3 100	9/29/2022	<0.0250	<0.1	662	1,155	86.4
TC-3 101	9/29/2022	<0.0250	<0.1	773	1,400	77.3

Table 1: Treatment Cell Summary of Analytical Results
EOG Resources, Inc. - Dee 36 SW State Com Battery

SAMPLE ID	Date Sampled	BENZENE	TOTAL BTEX	TPH (GRO+DRO)	TPH (GRO+DRO+ORO)	CHLORIDE
TC-3 102	9/29/2022	<0.0250	<0.1	666	1,231	98.4
TC-3 103	9/29/2022	<0.0250	<0.1	742	1,353	94.6
TC-3 104	9/29/2022	<0.0250	<0.1	771	1,405	142
TC-3 105	9/29/2022	<0.0250	<0.1	774	1,430	150
TC-3 106	9/29/2022	<0.0250	<0.1	789	1,443	132
TC-3 107	9/29/2022	<0.0250	<0.1	739	1,346	75.1
TC-3 108	9/29/2022	<0.0250	<0.1	655	1,189	188
TC-3 109	9/29/2022	<0.0250	<0.1	786	1,398	61.3
TC-3 110	9/29/2022	<0.0250	<0.1	687	1,246	90.8
TC-3 111	9/29/2022	<0.0250	<0.1	733	1,349	37.5
TC-3 112	9/29/2022	<0.0250	<0.1	785	1,434	30.1
TC-3 113	9/29/2022	<0.0250	<0.1	756	1,402	45.2
TC-3 114	9/29/2022	<0.0250	<0.1	622	1,147	28.4
TC-3 115	9/29/2022	<0.0250	<0.1	494	909	21.5
TC-3 116	9/29/2022	<0.0250	<0.1	642	1,122	55.8
TC-3 117	9/29/2022	<0.0250	<0.1	217	437	137
TC-3 118	9/29/2022	<0.0250	<0.1	479	851	498
TC-3 119	9/29/2022	<0.0250	<0.1	558	964	161
TC-3 120	9/29/2022	<0.0250	<0.1	700	1,185	124
TC-3 121	9/29/2022	<0.0250	<0.1	479	775	112
TC-3 122	9/29/2022	<0.0250	<0.1	673	1,067	95.5
TC-3 123	9/29/2022	<0.0250	<0.1	513	818	70.7
TC-3 124	9/29/2022	<0.0250	<0.1	599	1,037	136
TC-3 125	9/29/2022	<0.0250	<0.1	599	956	161
TC-3 126	9/29/2022	<0.0250	<0.1	572	943	52.6
TC-3 127	9/29/2022	<0.0250	<0.1	443	731	86.5
TC-3 128	9/29/2022	<0.0250	<0.1	753	1,147	31.6
TC-3 129	9/29/2022	<0.0250	<0.1	485	797	162
TC-3 130	9/29/2022	<0.0250	<0.1	582	939	226

Table 2: Excavation Summary of Analytical Results
EOG Resources, Inc. - Dee 36 State Com Battery

Date	SAMPLE ID	Description	BENZENE	TOTAL BTEX	TPH (GRO+DRO)	TPH (GRO+DRO+ ORO)	CHLORIDE
			mg/kg				
NMOCD Reclamation Closure Criteria Table 1 - 19.15.29.13 NMAC			***10***	***50.00***	***100***		***600***
11/9/2022	NTW4-1	North Tier Wall @ 0.5-4 ft	<0.0250	<0.1	<45.0	<95.0	198
	NTW4-2		<0.0250	<0.1	55.5	55.5	65.4
	NTB4-2	North Tier Base @ 4 ft	<0.0250	<0.1	<45.0	<95.0	30.0
12/7/2022	EW4-1 B	East Wall @ 0.5-4 ft	<0.0250	<0.1	<45.0	<95.0	<20.0
11/9/2022	EW4-2		<0.0250	<0.1	<45.0	<95.0	558
	SW4-1	South Wall @ 0.5-4 ft	<0.0250	<0.1	32.3	32.3	<20.0
2/14/2023	SW4-2 C		<0.0250	<0.1	<45.0	<95.0	20.7
11/9/2022	SW4-3		<0.0250	<0.1	<45.0	<95.0	<20.0
12/7/2022	WW4-1 B	West Tier Wall @ 0.5-4 ft	<0.0250	<0.1	<45.0	<95.0	<20.0
12/7/2022	WW4-2 B	West Wall @ 0.5-4 ft	<0.0250	<0.1	45.0	45.0	24.5
2/14/2023	NEC4-1B	NE Excavation Wall 0.5-4 ft	<0.0250	<0.1	<45.0	<95.0	92.6
2/14/2023	NEC4-2B		<0.0250	0.091	57.3	57.3	184
2/14/2023	NEC4-3B		<0.0250	0.156	<45.0	<95.0	314
NMOCD Release Closure Criteria Table 1 - 19.15.29.12 NMAC			***10***	***50***	***1,000***	***2,500***	***20,000***
11/9/2022	NEW-1	North Excavation Wall 4-20 ft	<0.0250	<0.1	91.1	91.1	101
	NEW-2		<0.0250	<0.1	68.1	68.1	746
	NEW-3		<0.0250	<0.1	307	383.2	110
	NEW-4		<0.0250	<0.1	147	201	40.0
	NEW-5		<0.0250	<0.1	265	339.8	51.1
	NEW-6		<0.0250	<0.1	<45.0	<95.0	<20.0
	NEW-7		<0.0250	<0.1	101	101	572
	EEW-2	East Excavation Wall 4-20 ft	<0.0250	0.12	31.7	31.7	3,460
	EEW-3		<0.0250	<0.1	417	607	157
	EEW-4		<0.0250	<0.1	<45.0	<95.0	50.8
	EEW-5		<0.0250	<0.1	<45.0	<95.0	54.7
12/6/2022	SEW-1 B	South Excavation Wall 4-20 ft	<0.0250	<0.1	<45.0	<95.0	<20.0
12/6/2022	SEW-2 B		<0.0250	<0.1	<45.0	<95.0	<20.0
12/6/2022	SEW-3 B		<0.0250	<0.1	<45.0	<95.0	124
12/6/2022	SEW-4 B		<0.0250	<0.1	<45.0	<95.0	26.3
12/6/2022	SEW-5 B		<0.0250	<0.1	<45.0	<95.0	55
12/6/2022	SEW-6 B		<0.0250	<0.1	<45.0	<95.0	61
12/6/2022	SEW-7 B		<0.0250	<0.1	<45.0	<95.0	26.8
12/6/2022	SEW-8 B		<0.0250	<0.1	<45.0	<95.0	113
12/6/2022	SEW-9 B		<0.0250	<0.1	<45.0	<95.0	<20.0
11/10/2022	WEW-1	West Excavation Wall 4-20 ft	<0.0250	<0.1	771	1,070	51.9
	WEW-2		<0.0250	<0.1	26.4	26.4	30.0
12/6/2022	WEW-3 B		<0.0250	<0.1	<45.0	<95.0	<20.0
11/10/2022	B-1	Base @ 20 ft	<0.0250	<0.1	674	922	35.6
	B-2		<0.0250	0.22	994	1,316	<20.0
1/10/2023	B-2 (under ramp)		<0.0250	<0.1	71.3	71.3	20.5
1/10/2023	B-3	Base @ 25 ft	<0.0250	<0.1	162	162	<20.0
11/10/2022	B-4	Base @ 20 ft	<0.0250	<0.1	<45.0	<95.0	<20.0
1/10/2023	B-5	Base @ 25 ft	<0.0250	<0.1	<45.0	<95.0	26.3
1/10/2023	B-6	Base @ 25 ft	<0.0250	<0.1	732	931	<20.0
2/2/2023	B-7@30ft	Base @ 30 ft	<0.0500	7.36	876	1,037	<20.0
11/10/2022	B-8	Base @ 20 ft	<0.0250	<0.1	821	1,022	<20.0
	B-9		<0.0250	0.19	53.7	53.7	<20.0
2/2/2023	B-10@35ft	Base @ 35 ft	<0.0250	<0.1	157	157	<20.0
2/2/2023	B-11@35ft	Base @ 35 ft	<0.125	26.15	**2,817**	**3,301**	35.2
11/10/2022	B-12	Base @ 20 ft	<0.0250	<0.1	536	719	<20.0
	B-13		<0.0250	0.17	68.6	68.6	39.8
2/2/2023	B-14@35ft	Base @ 35 ft	1.26	**71.03**	**6,557**	**8,247**	30.4
2/2/2023	B-15@35ft	Base @ 35 ft	3.75	**136**	**9,264**	**10,924**	<20.0
2/2/2023	B-16@35ft	Base @ 35 ft	0.255	**52.90**	**4,130**	**4,807**	<20.0
11/10/2022	B-17	Base @ 20 ft	<0.0250	0.03	35.3	35.3	22.1
2/2/2023	B-18@35ft	Base @ 35 ft	0.169	31.07	**2,975**	**3,519**	35.2
2/2/2023	B-19@35ft	Base @ 35 ft	0.126	35.69	**1,256**	1,409	<20.0
1/10/2023	B-20	Base @ 25 ft	<0.0250	0.18	607	755	<20.0
11/10/2022	B-21	Base @ 20 ft	<0.0250	0.32	992	1,572	1,390
	B-22		<0.0250	<0.1	<45.0	<95.0	25.3
1/10/2023	B-23	Base @ 25 ft	<0.0250	<0.1	193	256	31.4
	B-24	Base @ 25 ft	<0.0250	<0.1	<45.0	<95.0	<20.0
12/7/2022	NTB6-1	North Tier Base @ 6 ft	<0.0250	<0.1	176	483	39.1
	NEC-1	NE Excavation Wall 4-16 ft	<0.0250	<0.1	<45.0	<95.0	637
	NEC-2		<0.0250	<0.1	<45.0	<95.0	636
	NEC-3		<0.0250	<0.1	<45.0	<95.0	667
	NEC-4		<0.0250	<0.1	<45.0	<95.0	813
	NEC-5		<0.0250	<0.1	<45.0	<95.0	830
	NEC-6		<0.0250	<0.1	<45.0	<95.0	814
2/14/2023	TH @ 40 ft	Base @ 40 feet	4.75	**144**	**6,211**	**7,019**	<20.0
3/23/2023	CS-1	Base @ 40 feet -TH @40' Post Microblaze Treatment	<0.0250	<0.1	<45.0	<95.0	<20.0
6/23/2023	B-25	Base @ 16 feet	<0.0250	<0.1	<45.0	<95.0	3,320
	B-26	Base @ 16 feet	<0.0250	<0.1	<45.0	<95.0	306
	B-27-2	Base @ 16 feet	<0.0250	<0.1	<45.0	<95.0	1,790
	B-28-2	Base @ 16 feet	<0.0250	<0.1	<45.0	<95.0	1,500

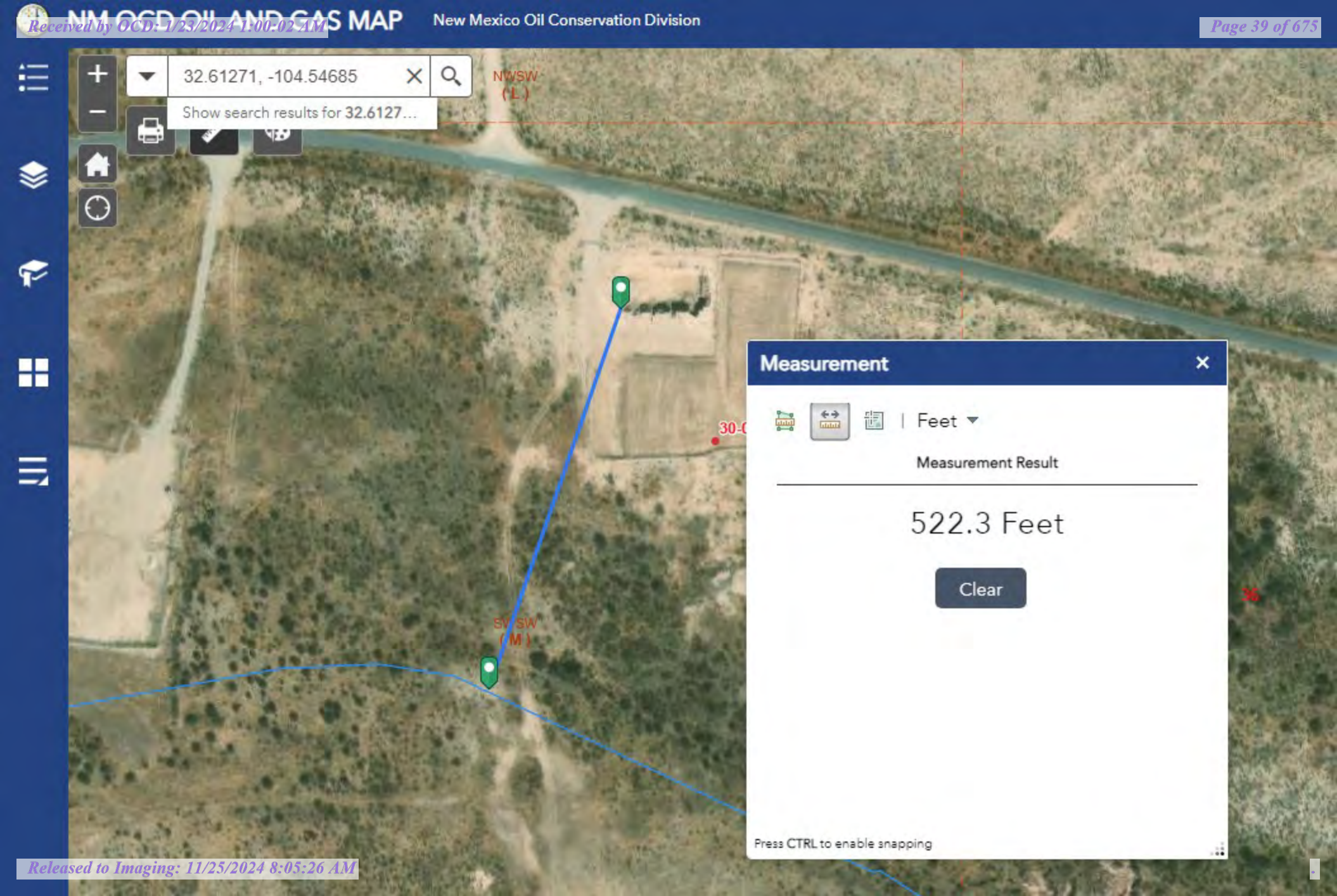
Received by OCD: 1/23/2024 1:00:02 AM

Appendix 2

Siting Criteria Documentation with OSE Permit

Released to Imaging: 11/25/2024 8:05:26 AM

Site Name:	**Dee 36 State Com Battery**			
API #:	30-015-26185			
Lat/Long:	32.61271, -104.54685			
TRS:	Unti M, Section 36, T19S, R24E			
Land Jurisdiction:	State			
County:	Eddy			
Wellhead Protection Area Assessment				
Water Source Type (well/spring/stock pond)	**ID**	**Latitude**	**Longitude**	**Distance**
Livestock Water Well	323649104325601	32.61282	-104.5513	1,265 ft
Distance to Nearest Significant Watercourse				
522.3 feet to the southwest				
Depth to Groundwater Determination				
Cathodic Report/Site Specific Hydrogeology				
Elevation Differential				
Water Wells	Several OSE water wells in vicinity indicate water is greater than 200 feet bgs			
Sensitive Receptor Determination				
<300' of any continuously flowing watercourse or any other significant watercourse				No
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water				No
<300' of an occupied permanent residence, school, hospital, institution or church				No
<500' of a spring or private/domestic water well used by <5 households for domestic or stock watering purposes				No
<1000' of any water well or spring				No
Within incorporated municipal boundaries or within a defined municipal fresh water well				No
<300' of a wetland				No
Within the area overlying a subsurface mine				No
Within an unstable area (based on Karst GIS data and observed lithology)				No
Within a 100-year floodplain				No
DTW Determination	**≤50** ☐	**50-100** ☐	**>100** ☑	
Benzene	**10**	**10**	**10**	
BTEX (mg/kg)	**50**	**50**	**50**	
8015 TPH (GRO/DRO) (mg/kg)	**Not Applicable**	**1,000**	**1,000**	
8015 TPH (GRO/DRO/MRO) (mg/kg)	**100**	**2,500**	**2,500**	
Chlorides (mg/kg)	**600**	**10,000**	**20,000**	


NM OCD OIL AND GAS MAP
New Mexico Oil Conservation Division
32.61271, -104.54685
Show search results for 32.6127...
NWSW
(L)
Measurement
Feet
Measurement Result
522.3 Feet
Clear
Press CTRL to enable snapping

https://nmocdmaps.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75

Bookmarks | Concentration Musi... | New Mexico - Oil C... | IPaC: Home | FedConnect: Log In | Active Procurements | Navajo Nation RFP | Current Bids/Propo... | City of Durango - Bi... | Gallup, NM - Officia... | City of Grants Bids... | Fire and Smoke Map | Login: Buyer

NM OCD OIL AND GAS MAP

New Mexico Oil Conservation Division

NM OCD Oil and Gas

Search by API or Township

Basemap Gallery

- Imagery
- Imagery with Labels
- National Geographic
- OpenStreetMap
- Streets
- Terrain with Labels
- Topographic
- USA Topo Maps
- USGS National Map
- Topographic

Measurement

Feet

Measurement Result

1,265.4 Feet

Clear

Press CTRL to enable snapping

NESE (I)

NWSW (L)

35

36

SESE (P)

30-015-26185

30-015-44563

30-015-44558

30-015-26226

60m

200ft

-104.55061 32.61184 Degrees

Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department.

USGS 323649104325601 19S.24E.35.442324
Eddy County, New Mexico
Latitude 32°36'49", Longitude 104°32'56" NAD27
Land-surface elevation 3,631 feet above NAVD88
The depth of the well is 800 feet below land surface.
This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.
This well is completed in the San Andres Limestone (313SADR) local aquifer.

Output formats
Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
2011-01-20	18:40 UTC	m	62610		3402.82	NGVD29	1	S	NM001	A	A
2011-01-20	18:40 UTC	m	62611		3404.39	NAVD88	1	S	NM001	A	A
2011-01-20	18:40 UTC	m	72019	226.61			1	S	NM001	A	A

Received by OCD: 1/23/2024 1:00:02 AM

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations (BFEs) shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was State Plane New Mexico East FIPS 3001. The **horizontal datum** was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov/ or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713-3242** or visit its website at http://www.ngs.noaa.gov/.

Base map information shown on this FIRM was provided in digital format by the Eddy County Geographical Information Systems and Rural Addressing Department.

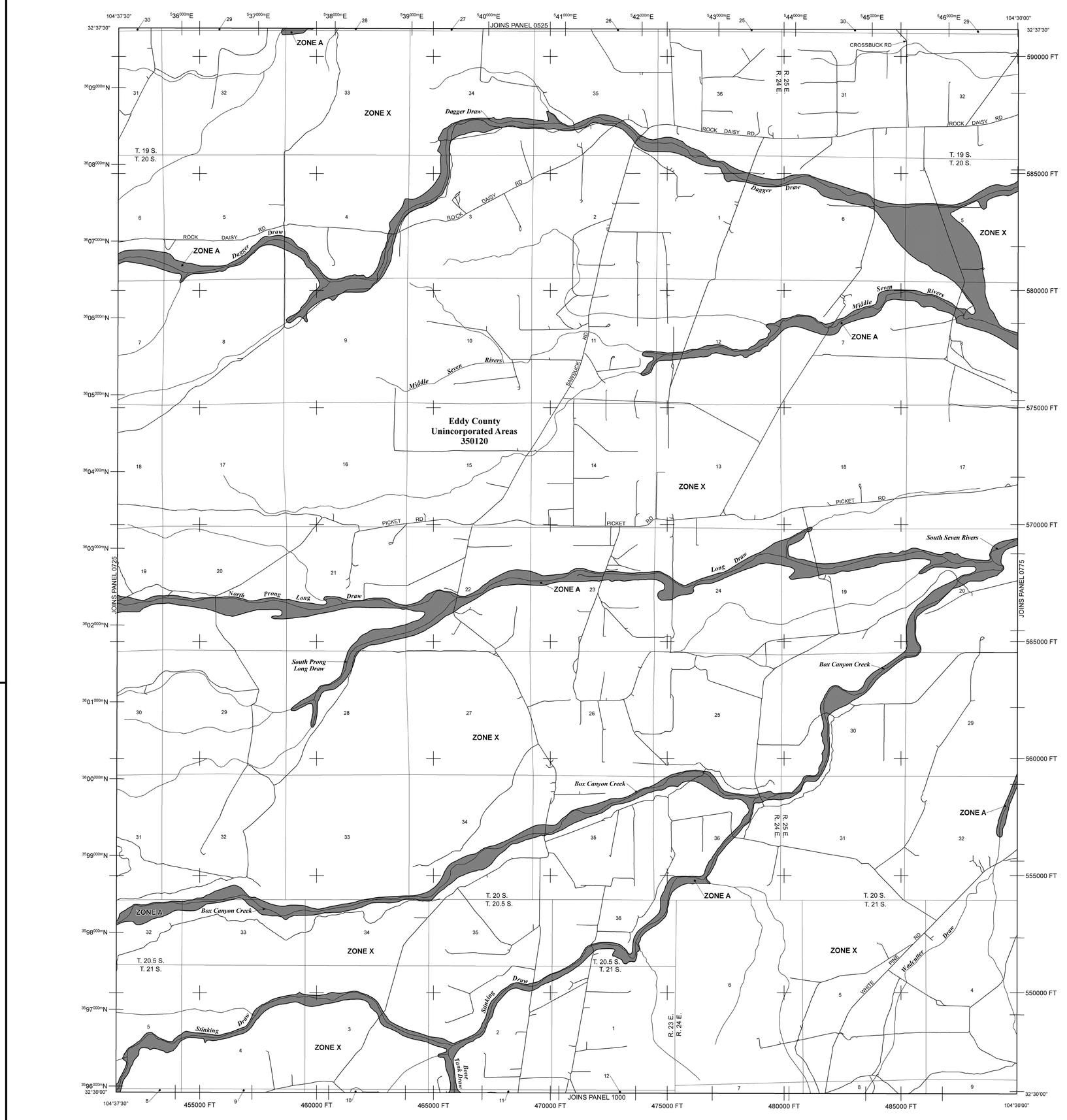
This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables *in the Flood Insurance Study report (which contains authoritative hydraulic data)* may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, *a Flood Insurance Study report,* and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://www.msc.fema.gov/.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at www.fema.gov.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X	Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D	Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

	Floodplain boundary
	Floodway boundary
	Zone D boundary
	CBRS and OPA boundary
	Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities
513 (EL 987)	Base Flood Elevation line and value; elevation in feet* / Base Flood Elevation value where uniform within zone; elevation in feet*
A — A	Cross section line
23 — 23	Transect line
97°07'30", 32°22'30"	Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
4275000mE	1000-meter Universal Transverse Mercator grid ticks, zone 13
6000000 FT	5000-foot grid values: New Mexico State Plane coordinate system, East Zone (FIPSZONE = 3001), Lambert projection
DX5510	Bench mark (see explanation in Notes to Users section of this FIRM panel)
M1.5	River Mile

* Referenced to the North American Vertical Datum of 1988

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
June 4, 2010

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 2000'

1,000 0 1,000 2,000 3,000 4,000 FEET
600 0 600 1,200 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0750D

FIRM

FLOOD INSURANCE RATE MAP

EDDY COUNTY, NEW MEXICO AND INCORPORATED AREAS

PANEL 750 OF 2000

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
EDDY COUNTY, UNINCORPORATED AREAS	350120	0750	D

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
35015C0750D
EFFECTIVE DATE
JUNE 4, 2010

Federal Emergency Management Agency

Released to Imaging: 11/25/2024 8:05:26 AM

Eddy Area, New Mexico

RE—Reagan-Upton association, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w5d
Elevation: 1,100 to 5,400 feet
Mean annual precipitation: 6 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 180 to 240 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Reagan and similar soils: 70 percent
Upton and similar soils: 25 percent
Minor components: 5 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reagan

Setting

Landform: Fan remnants, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 60 inches: loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 6e

Hydrologic Soil Group: B
Ecological site: R042CY153NM - Loamy
Hydric soil rating: No

Description of Upton

Setting

Landform: Ridges, fans
Landform position (three-dimensional): Side slope, rise
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam
H2 - 9 to 13 inches: gravelly loam
H3 - 13 to 21 inches: cemented
H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 9 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 75 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R042CY159NM - Shallow Loamy
Hydric soil rating: No

Minor Components

Atoka

Percent of map unit: 3 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Pima

Percent of map unit: 2 percent
Ecological site: R070BC017NM - Bottomland

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 18, Sep 8, 2022

Soil Map—Eddy Area, New Mexico



Map Scale: 1:652 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 5 10 20 30

Feet
0 30 60 120 180

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Released to Imaging: 11/25/2024 8:05:26 AM

Received by OCD: 1/23/2024 1:00:02 AM

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 18, Sep 8, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 27, 2020—Feb 28, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

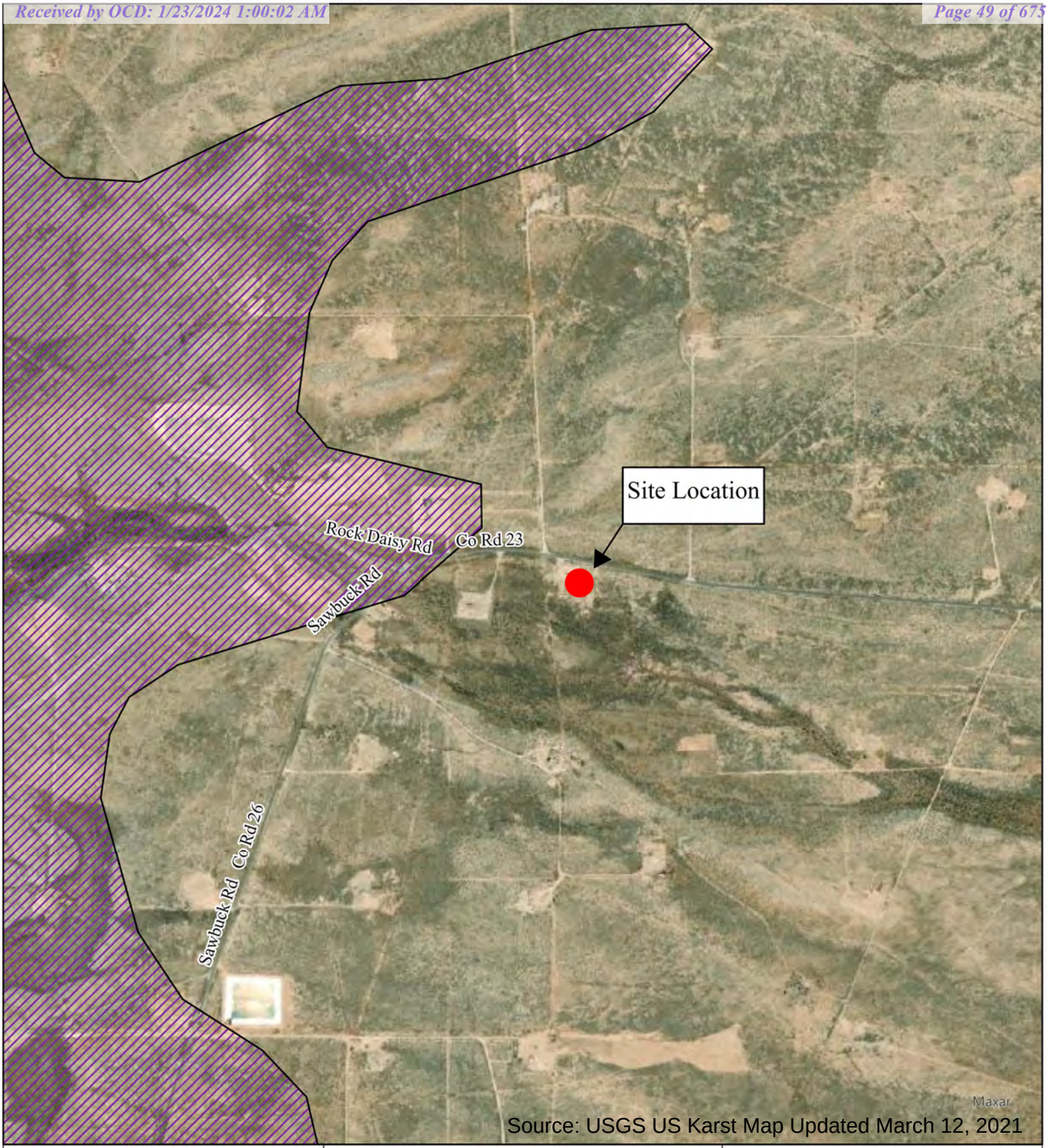
Released to Imaging: 11/25/2024 8:05:26 AM

Received by OCD: 1/23/2024 1:00:02 AM

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PM	Pima silt loam, 0 to 1 percent slopes	0.3	15.2%
RE	Reagan-Upton association, 0 to 9 percent slopes	1.5	84.8%
Totals for Area of Interest		**1.8**	**100.0%**

Released to Imaging: 11/25/2024 8:05:26 AM



Karst Topography Map

EOG Resources
Dee 36 State Com Battery
API: 30-015-26185
Unit M, Section 36, Township 19S, Range 24E
Eddy County, New Mexico
32.61675, -104.55663
Project #19034.0012

Legend

Karst Topography

N
W E
S

1:14,500

0 500 1,000 2,000 Feet

envirotech

Environmental Scientists and Engineers
5796 U.S Highway 64
Farmington, New Mexico 87401
505.632.0615
Date Drawn: 02/15/2023
Drawn by: P. Mesa

Received by OCD: 1/23/2024 1:00:02 AM

Appendix 3

Laboratory Analytical Reports

Released to Imaging: 11/25/2024 8:05:26 AM

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	DEE 36 STATE COM
Work Order:	E208015
Job Number:	19034-0012
Received:	8/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/10/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 8/10/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: DEE 36 STATE COM
Workorder: E208015
Date Received: 8/3/2022 8:30:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/3/2022 8:30:00AM, under the Project Name: DEE 36 STATE COM.

The analytical test results summarized in this report with the Project Name: DEE 36 STATE COM apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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West Texas Midland/Odessa Area
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Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	08/10/22 16:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TC-1 1	E208015-01A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-1 2	E208015-02A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-1 3	E208015-03A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-1 4	E208015-04A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-2 1	E208015-05A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-2 2	E208015-06A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-2 3	E208015-07A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-2 4	E208015-08A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-2 5	E208015-09A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-2 6	E208015-10A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-2 7	E208015-11A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-2 8	E208015-12A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-3 1	E208015-13A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-3 2	E208015-14A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-3 3	E208015-15A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-3 4	E208015-16A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-3 5	E208015-17A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-4 1	E208015-18A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-4 2	E208015-19A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-4 3	E208015-20A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

TC-1 1

E208015-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**956**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**1270**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**106**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

TC-1 2

E208015-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**906**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**1080**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*94.8 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**100**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

TC-1 3

E208015-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**882**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**1120**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**102**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

TC-1 4

E208015-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**812**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**912**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*97.5 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**94.8**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

TC-2 1

E208015-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**890**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**1100**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*98.2 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**101**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**867**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**1100**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*99.0 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**103**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**874**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**1140**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*98.0 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**106**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**935**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**1230**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*93.7 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**115**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**889**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**1100**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*93.3 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**102**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**955**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**1200**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*95.4 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**98.7**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**847**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**945**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*98.7 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**108**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**928**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**1040**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**106**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**1030**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**1370**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*92.1 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**111**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**912**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**987**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**110**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**920**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**1120**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*99.3 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**115**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**899**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**995**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**101**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**850**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**886**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*100 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**108**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**906**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**1130**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**113**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**882**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**1100**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*96.9 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**122**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

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E208015-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Benzene	ND	0.0250	1	08/04/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/06/22	
Toluene	ND	0.0250	1	08/04/22	08/06/22	
o-Xylene	ND	0.0250	1	08/04/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/06/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*08/04/22*	*08/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233027
Diesel Range Organics (C10-C28)	**924**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**1170**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*94.4 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233005
Chloride	**112**	20.0	1	08/08/22	08/09/22	

QC Summary Data

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2232074-BLK1)									Prepared: 08/04/22 Analyzed: 08/06/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
LCS (2232074-BS1)									Prepared: 08/04/22 Analyzed: 08/06/22
Benzene	2.40	0.0250	2.50		96.0	70-130			
Ethylbenzene	2.44	0.0250	2.50		97.6	70-130			
Toluene	2.38	0.0250	2.50		95.1	70-130			
o-Xylene	2.29	0.0250	2.50		91.6	70-130			
p,m-Xylene	4.54	0.0500	5.00		90.8	70-130			
Total Xylenes	6.83	0.0250	7.50		91.1	70-130			
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
Matrix Spike (2232074-MS1)				**Source: E208015-02**					Prepared: 08/04/22 Analyzed: 08/06/22
Benzene	2.29	0.0250	2.50	ND	91.7	48-131			
Ethylbenzene	2.42	0.0250	2.50	ND	96.8	45-135			
Toluene	2.36	0.0250	2.50	ND	94.4	48-130			
o-Xylene	2.27	0.0250	2.50	ND	90.8	43-135			
p,m-Xylene	4.50	0.0500	5.00	ND	90.0	43-135			
Total Xylenes	6.77	0.0250	7.50	ND	90.3	43-135			
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.499*		*0.500*		*99.7*	*70-130*			
Surrogate: Toluene-d8	*0.533*		*0.500*		*107*	*70-130*			
Matrix Spike Dup (2232074-MSD1)				**Source: E208015-02**					Prepared: 08/04/22 Analyzed: 08/06/22
Benzene	2.48	0.0250	2.50	ND	99.2	48-131	7.79	23	
Ethylbenzene	2.52	0.0250	2.50	ND	101	45-135	4.13	27	
Toluene	2.45	0.0250	2.50	ND	98.0	48-130	3.76	24	
o-Xylene	2.37	0.0250	2.50	ND	94.7	43-135	4.25	27	
p,m-Xylene	4.72	0.0500	5.00	ND	94.4	43-135	4.78	27	
Total Xylenes	7.09	0.0250	7.50	ND	94.5	43-135	4.60	27	
Surrogate: Bromofluorobenzene	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.498*		*0.500*		*99.5*	*70-130*			
Surrogate: Toluene-d8	*0.522*		*0.500*		*104*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2232074-BLK1)									Prepared: 08/04/22 Analyzed: 08/06/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
LCS (2232074-BS2)									Prepared: 08/04/22 Analyzed: 08/06/22
Gasoline Range Organics (C6-C10)	55.8	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			
Matrix Spike (2232074-MS2)				**Source: E208015-02**					Prepared: 08/04/22 Analyzed: 08/06/22
Gasoline Range Organics (C6-C10)	59.9	20.0	50.0	ND	120	70-130			
Surrogate: Bromofluorobenzene	*0.498*		*0.500*		*99.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
Matrix Spike Dup (2232074-MSD2)				**Source: E208015-02**					Prepared: 08/04/22 Analyzed: 08/06/22
Gasoline Range Organics (C6-C10)	58.0	20.0	50.0	ND	116	70-130	3.18	20	
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.524*		*0.500*		*105*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2233027-BLK1)									Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.3*		*50.0*		*113*	*50-200*			
LCS (2233027-BS1)									Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132			
Surrogate: n-Nonane	*55.9*		*50.0*		*112*	*50-200*			
Matrix Spike (2233027-MS1)				**Source: E208015-15**					Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	1030	25.0	250	920	44.5	38-132			
Surrogate: n-Nonane	*56.8*		*50.0*		*114*	*50-200*			
Matrix Spike Dup (2233027-MSD1)				**Source: E208015-15**					Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	1110	25.0	250	920	77.3	38-132	7.63	20	
Surrogate: n-Nonane	*54.7*		*50.0*		*109*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:28:58PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2233005-BLK1)									Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	ND	20.0							
LCS (2233005-BS1)									Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	245	20.0	250		97.8	90-110			
Matrix Spike (2233005-MS1)				**Source: E208015-01**					Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	357	20.0	250	106	100	80-120			
Matrix Spike Dup (2233005-MSD1)				**Source: E208015-01**					Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	361	20.0	250	106	102	80-120	1.06	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	08/10/22 16:28

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

| | | |

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

| | | |

Envirotech Analytical Laboratory

Printed: 8/3/2022 1:12:01PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	08/03/22 08:30	Work Order ID:	E208015
Phone:	(575) 748-4217	Date Logged In:	08/03/22 08:36	Logged In By:	Caitlin Christian
Email:		Due Date:	08/10/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Gilbert Benally
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Project was seperated into 3 reports due to amount of samples. Workorders are as follows:
E208015 COC pg 1&2 of 6, E208016 COC pg 3&4 of 6, E208017 COC pg 5&6 of 6.

Client Instruction

email to: will@rangerenv.com and bob_asher@eogresources.com

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	DEE 36 ST COM
Work Order:	E208016
Job Number:	19034-0012
Received:	8/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/10/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 8/10/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: DEE 36 ST COM
Workorder: E208016
Date Received: 8/3/2022 8:30:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/3/2022 8:30:00AM, under the Project Name: DEE 36 ST COM.

The analytical test results summarized in this report with the Project Name: DEE 36 ST COM apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	DEE 36 ST COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	08/10/22 16:29

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TC-4 4	E208016-01A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-4 5	E208016-02A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-4 6	E208016-03A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-4 7	E208016-04A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-4 8	E208016-05A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-4 9	E208016-06A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-4 10	E208016-07A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-5 1	E208016-08A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-5 2	E208016-09A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-5 3	E208016-10A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-5 4	E208016-11A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-5 5	E208016-12A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-6 1	E208016-13A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-6 2	E208016-14A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-6 3	E208016-15A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-6 4	E208016-16A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-6 5	E208016-17A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-6 6	E208016-18A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-6 7	E208016-19A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-6 8	E208016-20A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/08/22	
Toluene	ND	0.0250	1	08/04/22	08/08/22	
o-Xylene	ND	0.0250	1	08/04/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**725**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**372**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*84.0 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**108**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/08/22	
Toluene	ND	0.0250	1	08/04/22	08/08/22	
o-Xylene	ND	0.0250	1	08/04/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**755**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**432**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*78.6 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**119**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/08/22	
Toluene	ND	0.0250	1	08/04/22	08/08/22	
o-Xylene	ND	0.0250	1	08/04/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**752**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**458**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*83.8 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**96.6**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/08/22	
Toluene	ND	0.0250	1	08/04/22	08/08/22	
o-Xylene	ND	0.0250	1	08/04/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**768**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**463**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*80.7 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**109**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/08/22	
Toluene	ND	0.0250	1	08/04/22	08/08/22	
o-Xylene	ND	0.0250	1	08/04/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**796**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**458**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*82.4 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**103**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/08/22	
Toluene	ND	0.0250	1	08/04/22	08/08/22	
o-Xylene	ND	0.0250	1	08/04/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**796**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**472**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*81.7 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**109**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/08/22	
Toluene	ND	0.0250	1	08/04/22	08/08/22	
o-Xylene	ND	0.0250	1	08/04/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/08/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*08/04/22*	*08/08/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**647**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**393**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*88.4 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**99.9**	20.0	1	08/08/22	08/10/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/09/22	
Toluene	ND	0.0250	1	08/04/22	08/09/22	
o-Xylene	ND	0.0250	1	08/04/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**751**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**390**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*84.0 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**116**	20.0	1	08/08/22	08/10/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/09/22	
Toluene	ND	0.0250	1	08/04/22	08/09/22	
o-Xylene	ND	0.0250	1	08/04/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**759**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**445**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*81.4 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**108**	20.0	1	08/08/22	08/10/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/09/22	
Toluene	ND	0.0250	1	08/04/22	08/09/22	
o-Xylene	ND	0.0250	1	08/04/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**728**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**448**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*78.9 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**123**	20.0	1	08/08/22	08/10/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/09/22	
Toluene	ND	0.0250	1	08/04/22	08/09/22	
o-Xylene	ND	0.0250	1	08/04/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**817**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**503**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*82.8 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**117**	20.0	1	08/08/22	08/10/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/09/22	
Toluene	ND	0.0250	1	08/04/22	08/09/22	
o-Xylene	ND	0.0250	1	08/04/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**810**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**517**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*79.8 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**116**	20.0	1	08/08/22	08/10/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/09/22	
Toluene	ND	0.0250	1	08/04/22	08/09/22	
o-Xylene	ND	0.0250	1	08/04/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**750**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**393**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*82.7 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**111**	20.0	1	08/08/22	08/10/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/09/22	
Toluene	ND	0.0250	1	08/04/22	08/09/22	
o-Xylene	ND	0.0250	1	08/04/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**770**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**470**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*80.2 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**112**	20.0	1	08/08/22	08/10/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/09/22	
Toluene	ND	0.0250	1	08/04/22	08/09/22	
o-Xylene	ND	0.0250	1	08/04/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**743**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**473**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*82.1 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**111**	20.0	1	08/08/22	08/10/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/09/22	
Toluene	ND	0.0250	1	08/04/22	08/09/22	
o-Xylene	ND	0.0250	1	08/04/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**747**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**462**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*81.9 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**101**	20.0	1	08/08/22	08/10/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/09/22	
Toluene	ND	0.0250	1	08/04/22	08/09/22	
o-Xylene	ND	0.0250	1	08/04/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**752**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**428**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*71.6 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**110**	20.0	1	08/08/22	08/10/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/09/22	
Toluene	ND	0.0250	1	08/04/22	08/09/22	
o-Xylene	ND	0.0250	1	08/04/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**779**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**500**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*78.6 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**110**	20.0	1	08/08/22	08/10/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/09/22	
Toluene	ND	0.0250	1	08/04/22	08/09/22	
o-Xylene	ND	0.0250	1	08/04/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**791**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**508**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*87.8 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**106**	20.0	1	08/08/22	08/10/22	

Sample Data

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

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E208016-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Benzene	ND	0.0250	1	08/04/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/09/22	
Toluene	ND	0.0250	1	08/04/22	08/09/22	
o-Xylene	ND	0.0250	1	08/04/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232075
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/09/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*08/04/22*	*08/09/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/04/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233026
Diesel Range Organics (C10-C28)	**838**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**554**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*85.8 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233006
Chloride	**112**	20.0	1	08/08/22	08/10/22	

QC Summary Data

EOG Resources	Project Name:	DEE 36 ST COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2232075-BLK1)									Prepared: 08/04/22 Analyzed: 08/08/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.3*	*70-130*			
Surrogate: Toluene-d8	*0.524*		*0.500*		*105*	*70-130*			
LCS (2232075-BS1)									Prepared: 08/04/22 Analyzed: 08/08/22
Benzene	2.65	0.0250	2.50		106	70-130			
Ethylbenzene	2.78	0.0250	2.50		111	70-130			
Toluene	2.68	0.0250	2.50		107	70-130			
o-Xylene	2.60	0.0250	2.50		104	70-130			
p,m-Xylene	5.13	0.0500	5.00		103	70-130			
Total Xylenes	7.73	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*0.528*		*0.500*		*106*	*70-130*			
Matrix Spike (2232075-MS1)				**Source: E208016-06**					Prepared: 08/04/22 Analyzed: 08/08/22
Benzene	2.62	0.0250	2.50	ND	105	48-131			
Ethylbenzene	2.73	0.0250	2.50	ND	109	45-135			
Toluene	2.64	0.0250	2.50	ND	106	48-130			
o-Xylene	2.57	0.0250	2.50	ND	103	43-135			
p,m-Xylene	5.08	0.0500	5.00	ND	101	43-135			
Total Xylenes	7.64	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: Toluene-d8	*0.522*		*0.500*		*104*	*70-130*			
Matrix Spike Dup (2232075-MSD1)				**Source: E208016-06**					Prepared: 08/04/22 Analyzed: 08/08/22
Benzene	2.56	0.0250	2.50	ND	103	48-131	2.10	23	
Ethylbenzene	2.67	0.0250	2.50	ND	107	45-135	2.41	27	
Toluene	2.58	0.0250	2.50	ND	103	48-130	2.22	24	
o-Xylene	2.49	0.0250	2.50	ND	99.7	43-135	3.02	27	
p,m-Xylene	4.97	0.0500	5.00	ND	99.5	43-135	2.02	27	
Total Xylenes	7.47	0.0250	7.50	ND	99.5	43-135	2.36	27	
Surrogate: Bromofluorobenzene	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	DEE 36 ST COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2232075-BLK1)									Prepared: 08/04/22 Analyzed: 08/08/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.3*	*70-130*			
Surrogate: Toluene-d8	*0.524*		*0.500*		*105*	*70-130*			
LCS (2232075-BS2)									Prepared: 08/04/22 Analyzed: 08/08/22
Gasoline Range Organics (C6-C10)	53.6	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			
Matrix Spike (2232075-MS2)				**Source: E208016-06**					Prepared: 08/04/22 Analyzed: 08/08/22
Gasoline Range Organics (C6-C10)	57.0	20.0	50.0	ND	114	70-130			
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			
Matrix Spike Dup (2232075-MSD2)				**Source: E208016-06**					Prepared: 08/04/22 Analyzed: 08/08/22
Gasoline Range Organics (C6-C10)	57.1	20.0	50.0	ND	114	70-130	0.262	20	
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	DEE 36 ST COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2233026-BLK1)									Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*42.0*		*50.0*		*83.9*	*50-200*			
LCS (2233026-BS1)									Prepared: 08/09/22 Analyzed: 08/10/22
Diesel Range Organics (C10-C28)	225	25.0	250		89.8	38-132			
Surrogate: n-Nonane	*37.0*		*50.0*		*74.1*	*50-200*			
Matrix Spike (2233026-MS1)				**Source: E208016-08**					Prepared: 08/09/22 Analyzed: 08/10/22
Diesel Range Organics (C10-C28)	964	25.0	250	751	85.3	38-132			
Surrogate: n-Nonane	*41.7*		*50.0*		*83.5*	*50-200*			
Matrix Spike Dup (2233026-MSD1)				**Source: E208016-08**					Prepared: 08/09/22 Analyzed: 08/10/22
Diesel Range Organics (C10-C28)	1030	25.0	250	751	112	38-132	6.63	20	
Surrogate: n-Nonane	*40.8*		*50.0*		*81.7*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	DEE 36 ST COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/10/2022 4:29:03PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2233006-BLK1)									Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	ND	20.0							
LCS (2233006-BS1)									Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	243	20.0	250		97.3	90-110			
Matrix Spike (2233006-MS1)				**Source: E208016-01**					Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	360	20.0	250	108	101	80-120			
Matrix Spike Dup (2233006-MSD1)				**Source: E208016-01**					Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	357	20.0	250	108	99.5	80-120	0.982	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	DEE 36 ST COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	08/10/22 16:29

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM

Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG
Project: ~~Achen Frey DM #11~~ DEE 36 STATE COM
Project Manager: Greg Crabtree
Address:
City, State, Zip
Phone:
Email: All Enviro
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E208016
Job Number 19034-~~0009~~ 0012

TAT: 1D | 2D | 3D | Standard (x)

EPA Program: CWA | SDWA | RCRA (x)

State: NM (x) | CO | UT | AZ | TX

Analysis and Method: BDOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDOC	Remarks
9:29	8-2-22	S	1	TC-4 4	1	X	
9:31				TC-4 5	2		
9:34				TC-4 6	3		
9:39				TC-4 7	4		
9:42				TC-4 8	5		
9:45				TC-4 9	6		
9:47				TC-4 10	7		
9:50				TC-5 1	8		
9:54				TC-5 2	9		
9.89				TC-5 3	10		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Kholeton Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8-2-22	1855	[signature]	8/3/22	8:30
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 1/23/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Project Information | Chain of Custody | Page 4 of 6

Client: EOG
Project: ~~Achen Frey DM #11~~ DEE 36 STATE COM
Project Manager: Greg Crabtree
Address:
City, State, Zip
Phone:
Email: All Enviro
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E208010
Job Number 19034-~~0009~~ 0012

TAT: 1D | 2D | 3D | Standard (x)

EPA Program: CWA | SDWA | RCRA (x)

State: NM (x) | CO | UT | AZ | TX

Analysis and Method: BTEX 8021

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BTEX 8021	Remarks
10:02	8-2-22	S	1	TC-5 4	11	X	
10:04	"	"	"	TC-5 5	12	"	
10:07	"	"	"	TC-6 1	13	"	
10:10	"	"	"	TC-6 2	14	"	
10:12	"	"	"	TC-6 3	15	"	
10:15	"	"	"	TC-6 4	16	"	
10:19	"	"	"	TC-6 5	17	"	
10:23	"	"	"	TC-6 6	18	"	
10:25	"	"	"	TC-6 7	19	"	
10:28	"	"	"	TC-6 8	20	"	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Kholeton Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8-2-22	1855	[signature]	8/3/22	8:30
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 8/3/2022 1:15:13PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	08/03/22 08:30	Work Order ID:	E208016
Phone:	(575) 748-4217	Date Logged In:	08/03/22 08:37	Logged In By:	Caitlin Christian
Email:		Due Date:	08/10/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Gilbert Benally
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Project was seperated into 3 reports due to amount of samples. Workorders are as follows:
E208015 COC pg 1&2 of 6, E208016 COC pg 3&4 of 6, E208017 COC pg 5&6 of 6.

Client Instruction

email to: will@rangerenv.com and bob_asher@eogresources.com

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	DEE 36 STATE COM
Work Order:	E208017
Job Number:	19034-0012
Received:	8/3/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/11/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 8/11/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: DEE 36 STATE COM
Workorder: E208017
Date Received: 8/3/2022 8:30:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/3/2022 8:30:00AM, under the Project Name: DEE 36 STATE COM.

The analytical test results summarized in this report with the Project Name: DEE 36 STATE COM apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
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ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	08/11/22 08:44

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TC-7 1	E208017-01A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-7 2	E208017-02A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-7 3	E208017-03A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-8 1	E208017-04A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-8 2	E208017-05A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC-8 3	E208017-06A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC2-13 1	E208017-07A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC2-13 2	E208017-08A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC2-13 3	E208017-09A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC2-13 4	E208017-10A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC2-13 5	E208017-11A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC2-13 6	E208017-12A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC2-13 7	E208017-13A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC2-13 8	E208017-14A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC2-13 9	E208017-15A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC2-13 10	E208017-16A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC2-13 11	E208017-17A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.
TC2-13 12	E208017-18A	Soil	08/02/22	08/03/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

TC-7 1

E208017-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**728**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**476**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*82.8 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**119**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

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E208017-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**723**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**492**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*80.4 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**136**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

TC-7 3

E208017-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**684**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**498**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*74.9 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**113**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

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E208017-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**686**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**463**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*78.0 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**114**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

TC-8 2

E208017-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/08/22	
Toluene	ND	0.0250	1	08/04/22	08/08/22	
o-Xylene	ND	0.0250	1	08/04/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/08/22	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*109 %*	*70-130*	*08/04/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**747**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**542**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*80.4 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**154**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

TC-8 3

E208017-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**781**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**526**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*86.8 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**173**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

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E208017-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**694**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**403**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*83.4 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**96.4**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

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E208017-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**693**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**383**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*78.7 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**89.8**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

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E208017-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**671**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**395**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*81.7 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**92.9**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

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E208017-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.6 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**609**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**407**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*83.6 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**125**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

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Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**685**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**407**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*78.7 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**87.3**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

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E208017-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**679**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**343**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*81.2 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**98.5**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

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Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**733**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**410**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*78.1 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**96.1**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

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Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**738**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**446**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*84.1 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**104**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

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E208017-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**760**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**436**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*85.7 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**92.5**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

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E208017-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**710**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**435**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*77.1 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**97.9**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

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E208017-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**652**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**385**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*81.5 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**78.9**	20.0	1	08/08/22	08/09/22	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

TC2-13 12

E208017-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Benzene	ND	0.0250	1	08/04/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/10/22	
Toluene	ND	0.0250	1	08/04/22	08/10/22	
o-Xylene	ND	0.0250	1	08/04/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/10/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*08/04/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233025
Diesel Range Organics (C10-C28)	**687**	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	**397**	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*84.5 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233008
Chloride	**102**	20.0	1	08/08/22	08/09/22	

QC Summary Data

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2232076-BLK1)									Prepared: 08/04/22 Analyzed: 08/08/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.84*		*8.00*		*98.0*	*70-130*			
LCS (2232076-BS1)									Prepared: 08/04/22 Analyzed: 08/08/22
Benzene	4.21	0.0250	5.00		84.3	70-130			
Ethylbenzene	4.20	0.0250	5.00		84.0	70-130			
Toluene	4.32	0.0250	5.00		86.3	70-130			
o-Xylene	4.33	0.0250	5.00		86.7	70-130			
p,m-Xylene	8.50	0.0500	10.0		85.0	70-130			
Total Xylenes	12.8	0.0250	15.0		85.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.69*		*8.00*		*109*	*70-130*			
Matrix Spike (2232076-MS1)				**Source: E208017-05**					Prepared: 08/04/22 Analyzed: 08/09/22
Benzene	4.58	0.0250	5.00	ND	91.6	54-133			
Ethylbenzene	4.59	0.0250	5.00	ND	91.7	61-133			
Toluene	4.71	0.0250	5.00	ND	94.3	61-130			
o-Xylene	4.67	0.0250	5.00	ND	93.4	63-131			
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	63-131			
Total Xylenes	13.9	0.0250	15.0	ND	92.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.01*		*8.00*		*100*	*70-130*			
Matrix Spike Dup (2232076-MSD1)				**Source: E208017-05**					Prepared: 08/04/22 Analyzed: 08/09/22
Benzene	4.63	0.0250	5.00	ND	92.6	54-133	1.18	20	
Ethylbenzene	4.62	0.0250	5.00	ND	92.4	61-133	0.744	20	
Toluene	4.75	0.0250	5.00	ND	95.0	61-130	0.809	20	
o-Xylene	4.70	0.0250	5.00	ND	94.0	63-131	0.632	20	
p,m-Xylene	9.32	0.0500	10.0	ND	93.2	63-131	0.610	20	
Total Xylenes	14.0	0.0250	15.0	ND	93.5	63-131	0.617	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.94*		*8.00*		*99.2*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2232076-BLK1)									Prepared: 08/04/22 Analyzed: 08/08/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.45*		*8.00*		*106*	*70-130*			
LCS (2232076-BS2)									Prepared: 08/04/22 Analyzed: 08/08/22
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.79*		*8.00*		*110*	*70-130*			
Matrix Spike (2232076-MS2)				**Source: E208017-05**					Prepared: 08/04/22 Analyzed: 08/09/22
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0	ND	86.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.0*	*70-130*			
Matrix Spike Dup (2232076-MSD2)				**Source: E208017-05**					Prepared: 08/04/22 Analyzed: 08/09/22
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.3	70-130	4.37	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*8.00*		*93.6*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2233025-BLK1)									Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*39.9*		*50.0*		*79.7*	*50-200*			
LCS (2233025-BS1)									Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	217	25.0	250		86.9	38-132			
Surrogate: n-Nonane	*38.7*		*50.0*		*77.5*	*50-200*			
Matrix Spike (2233025-MS1)				**Source: E208017-04**					Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	904	25.0	250	686	87.4	38-132			
Surrogate: n-Nonane	*40.7*		*50.0*		*81.5*	*50-200*			
Matrix Spike Dup (2233025-MSD1)				**Source: E208017-04**					Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	921	25.0	250	686	94.4	38-132	1.90	20	
Surrogate: n-Nonane	*33.4*		*50.0*		*66.7*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 8:44:37AM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2233008-BLK1)									Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	ND	20.0							
LCS (2233008-BS1)									Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2233008-MS1)				**Source: E208017-01**					Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	378	20.0	250	119	104	80-120			
Matrix Spike Dup (2233008-MSD1)				**Source: E208017-01**					Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	371	20.0	250	119	101	80-120	1.96	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	08/11/22 08:44

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG
Project: ~~Achen Frey DM #11~~ DEE 36 STATE Com
Project Manager: Greg Crabtree
Address:
City, State, Zip
Phone:
Email: All Enviro
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E208017
Job Number 19034-~~0009~~ 0012

TAT: 1D | 2D | 3D | Standard (x)

EPA Program: CWA | SDWA | RCRA (x)

State: NM (x) | CO | UT | AZ | TX

Analysis and Method: BDOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDOC
10:32	8-2-22	S	1	TC-7 1	1	x
10:35				TC-7 2	2	
10:39				TC-7 3	3	
10:44				TC-8 1	4	
10:46				TC-8 2	5	
10:49				TC-8 3	6	
10:59				TC2-13 1	7	
11:02				TC2-13 2	8	
11:06				TC2-13 3	9	
11:09				TC2-13 4	10	

Remarks

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Kholeton Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8-2-2022	1855	Caitlin Christian	8/3/22	8:30
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Project Information | Chain of Custody | Page 6 of 6

Client: EOG
Project: ~~Achen Frey DM #11~~ DEE 36 STATE COM
Project Manager: Greg Crabtree
Address:
City, State, Zip
Phone:
Email: All Enviro
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E208017
Job Number 19034-~~0009~~ 5012

TAT: 1D | 2D | 3D | Standard (x)

EPA Program: CWA | SDWA | RCRA (x)

State: NM (x) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDOC	Remarks
11:11	8-2-22	S	1	TC2-13 5	11	X	
11:14	"	"	"	TC2-13 6	12	"	
11:16	"	"	"	TC2-13 7	13	"	
11:19	"	"	"	TC2-13 8	14	"	
11:21	"	"	"	TC2-13 9	15	"	
11:23	"	"	"	TC2-13 10	16	"	
11:26	"	"	"	TC2-13 11	17	"	
11:30	"	"	"	TC2-13 12	18	"	

Analysis and Method

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Kholeton Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8-2-22	1895		8/3/22	8:30
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 8/3/2022 1:20:40PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	08/03/22 08:30	Work Order ID:	E208017
Phone:	(575) 748-4217	Date Logged In:	08/03/22 08:41	Logged In By:	Caitlin Christian
Email:		Due Date:	08/10/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Gilbert Benally
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Project was seperated into 3 reports due to amount of samples. Workorders are as follows:
E208015 COC pg 1&2 of 6, E208016 COC pg 3&4 of 6, E208017 COC pg 5&6 of 6.

Client Instruction

email to: will@rangerenv.com and bob_asher@eogresources.com

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Dee 36 State Com Battery
Work Order:	E209177
Job Number:	19034-0012
Received:	9/30/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/6/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/6/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Dee 36 State Com Battery
Workorder: E209177
Date Received: 9/30/2022 8:32:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/30/2022 8:32:00AM, under the Project Name: Dee 36 State Com Battery.

The analytical test results summarized in this report with the Project Name: Dee 36 State Com Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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labadmin@envirotech-inc.com

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Technical Representative/Client Services
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Cell: 505-320-4759
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West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/06/22 14:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TC-3 1	E209177-01A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 2	E209177-02A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 3	E209177-03A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 4	E209177-04A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 5	E209177-05A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 6	E209177-06A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 7	E209177-07A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 8	E209177-08A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 9	E209177-09A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 10	E209177-10A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 11	E209177-11A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 12	E209177-12A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 13	E209177-13A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 14	E209177-14A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 15	E209177-15A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 16	E209177-16A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 17	E209177-17A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 18	E209177-18A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 19	E209177-19A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 20	E209177-20A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**542**	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	**371**	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/04/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	ND	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**546**	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	**357**	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/04/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**35.3**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**398**	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	**277**	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/04/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**59.4**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**404**	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	**249**	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/04/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**97.3**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.6 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.6 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**544**	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	**351**	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/04/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**32.1**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**535**	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	**360**	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/04/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**190**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**394**	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	**252**	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/04/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	ND	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**554**	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	**382**	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/04/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**26.3**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**434**	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	**275**	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/04/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**42.4**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*90.5 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*90.5 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**537**	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	**327**	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/04/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**231**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**580**	25.0	1	10/04/22	10/05/22	
Oil Range Organics (C28-C36)	**369**	50.0	1	10/04/22	10/05/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/04/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**85.4**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*90.4 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*90.4 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**543**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**338**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**73.8**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**534**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**338**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**169**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*89.7 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*89.7 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**532**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**354**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**92.7**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*87.6 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.9 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*87.6 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.9 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**576**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**383**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**109**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*85.3 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*85.0 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*85.3 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*85.0 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**631**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**436**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**159**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*92.5 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*85.5 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*91.7 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*92.5 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*85.5 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*91.7 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**472**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**324**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**112**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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E209177-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*88.1 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*88.1 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**569**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**396**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**140**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

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Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*82.8 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*86.0 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*94.3 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*82.8 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*86.0 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*94.3 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**548**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**370**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**59.9**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

TC-3 20

E209177-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Benzene	ND	0.0250	1	10/02/22	10/04/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/04/22	
Toluene	ND	0.0250	1	10/02/22	10/04/22	
o-Xylene	ND	0.0250	1	10/02/22	10/04/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/04/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*89.7 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241004
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/04/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*89.7 %*	*70-130*	*10/02/22*	*10/04/22*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*10/02/22*	*10/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241055
Diesel Range Organics (C10-C28)	**606**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**391**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2241042
Chloride	**67.3**	20.0	1	10/04/22	10/05/22	

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241004-BLK1)									Prepared: 10/02/22 Analyzed: 10/04/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.496*		*0.500*		*99.2*	*70-130*			
Surrogate: Toluene-d8	*0.531*		*0.500*		*106*	*70-130*			
LCS (2241004-BS1)									Prepared: 10/02/22 Analyzed: 10/05/22
Benzene	2.22	0.0250	2.50		88.8	70-130			
Ethylbenzene	2.24	0.0250	2.50		89.5	70-130			
Toluene	2.20	0.0250	2.50		88.2	70-130			
o-Xylene	2.10	0.0250	2.50		84.1	70-130			
p,m-Xylene	4.20	0.0500	5.00		84.0	70-130			
Total Xylenes	6.31	0.0250	7.50		84.1	70-130			
Surrogate: Bromofluorobenzene	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.472*		*0.500*		*94.3*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			
LCS Dup (2241004-BSD1)									Prepared: 10/02/22 Analyzed: 10/05/22
Benzene	2.15	0.0250	2.50		85.8	70-130	3.44	23	
Ethylbenzene	2.19	0.0250	2.50		87.5	70-130	2.28	27	
Toluene	2.16	0.0250	2.50		86.3	70-130	2.18	24	
o-Xylene	2.06	0.0250	2.50		82.2	70-130	2.33	27	
p,m-Xylene	4.08	0.0500	5.00		81.7	70-130	2.86	27	
Total Xylenes	6.14	0.0250	7.50		81.9	70-130	2.68	27	
Surrogate: Bromofluorobenzene	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.1*	*70-130*			
Surrogate: Toluene-d8	*0.526*		*0.500*		*105*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241004-BLK1)									Prepared: 10/02/22 Analyzed: 10/04/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.496*		*0.500*		*99.2*	*70-130*			
Surrogate: Toluene-d8	*0.531*		*0.500*		*106*	*70-130*			
LCS (2241004-BS2)									Prepared: 10/02/22 Analyzed: 10/04/22
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	*0.487*		*0.500*		*97.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.458*		*0.500*		*91.5*	*70-130*			
Surrogate: Toluene-d8	*0.539*		*0.500*		*108*	*70-130*			
LCS Dup (2241004-BSD2)									Prepared: 10/02/22 Analyzed: 10/04/22
Gasoline Range Organics (C6-C10)	52.5	20.0	50.0		105	70-130	0.275	20	
Surrogate: Bromofluorobenzene	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.466*		*0.500*		*93.2*	*70-130*			
Surrogate: Toluene-d8	*0.533*		*0.500*		*107*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241055-BLK1)									Prepared: 10/04/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.1*		*50.0*		*110*	*50-200*			
LCS (2241055-BS1)									Prepared: 10/04/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	219	25.0	250		87.5	38-132			
Surrogate: n-Nonane	*50.5*		*50.0*		*101*	*50-200*			
Matrix Spike (2241055-MS1)				**Source: E209177-10**					Prepared: 10/04/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	706	25.0	250	537	67.7	38-132			
Surrogate: n-Nonane	*54.9*		*50.0*		*110*	*50-200*			
Matrix Spike Dup (2241055-MSD1)				**Source: E209177-10**					Prepared: 10/04/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	695	25.0	250	537	63.4	38-132	1.57	20	
Surrogate: n-Nonane	*54.6*		*50.0*		*109*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/6/2022 2:09:30PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241042-BLK1)									Prepared: 10/04/22 Analyzed: 10/04/22
Chloride	ND	20.0							
LCS (2241042-BS1)									Prepared: 10/04/22 Analyzed: 10/04/22
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2241042-MS1)				**Source: E209177-01**					Prepared: 10/04/22 Analyzed: 10/05/22
Chloride	291	20.0	250	ND	117	80-120			
Matrix Spike Dup (2241042-MSD1)				**Source: E209177-01**					Prepared: 10/04/22 Analyzed: 10/05/22
Chloride	291	20.0	250	ND	116	80-120	0.0258	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/06/22 14:09

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG Resources
Project: DEE 36 State Com Battery
Project Manager: Greg Crabtree
Address:
City, State, Zip
Phone:
Email: All Enviro
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E209177
Job Number 19034-0012

TAT: 1D | 2D | 3D | Standard (x)

EPA Program: CWA | SDWA | RCRA

State: NM (x) | CO | UT | AZ | TX

Analysis and Method: BDGOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
8:08	9.29.22	S	1	TC-3 1	1	X	
8:11	"	"	"	TC-3 2	2	"	
8:15				TC-3 3	3		
8:19				TC-3 4	4		
8:22				TC-3 5	5		
8:25				TC-3 6	6		
8:29				TC-3 7	7		
8:32				TC-3 8	8		
8:36				TC-3 9	9		
8:41	"	"	"	TC-3 10	10	"	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Austin Foutz / K SANCHEZ

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9-30-22	8:31	[signature]	9/30/22	8:32
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG Resources	Bill To
Project: DEE 36 State Com Battery	Attention:
Project Manager: Greg Crabtree	Address:
Address:	City, State, Zip
City, State, Zip	Phone:
Phone:	Email:
Email: All Enviro	
Report due by:	

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
E209177	19034-0012				x		
							RCRA

State					
NM	CO	UT	AZ	TX	
x					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Analysis and Method	Remarks
8:43	9.29.22	S	1	TC-3 11	11	X		
8:46	"	"	"	TC-3 12	12	"		
8:49				TC-3 13	13			
8:53				TC-3 14	14			
8:56				TC-3 15	15			
9:00				TC-3 16	16			
9:02				TC-3 17	17			
9:05				TC-3 18	18			
9:09				TC-3 19	19			
9:14	"	"	"	TC-3 20	20	"		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Austin Foutz /K Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9.30.22	8:31	[signature]	9/30/22	8:32
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/30/2022 12:17:27PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	09/30/22 08:32	Work Order ID:	E209177
Phone:	(575) 748-4217	Date Logged In:	09/30/22 08:46	Logged In By:	Caitlin Christian
Email:		Due Date:	10/07/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes
2. Does the number of samples per sampling site location match the COC	Yes
3. Were samples dropped off by client or carrier?	Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Kholeton Sanchez

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No
29. Was a subcontract laboratory specified by the client and if so who?	NA

Subcontract Lab: na

Comments/Resolution

Project Dee 36 State Com Battery has been split into multiple reports due to sample volume.
WO# are as follows:E209177,E209178,E209179,E209180,E209181,E209182,E209183.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Dee 36 State Com Battery
Work Order:	E209178
Job Number:	19034-0012
Received:	9/30/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/7/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/7/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Dee 36 State Com Battery
Workorder: E209178
Date Received: 9/30/2022 8:32:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/30/2022 8:32:00AM, under the Project Name: Dee 36 State Com Battery.

The analytical test results summarized in this report with the Project Name: Dee 36 State Com Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Sample Summary

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/07/22 13:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TC-3 21	E209178-01A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 22	E209178-02A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 23	E209178-03A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 24	E209178-04A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 25	E209178-05A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 26	E209178-06A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 27	E209178-07A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 28	E209178-08A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 29	E209178-09A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 30	E209178-10A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 31	E209178-11A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 32	E209178-12A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 33	E209178-13A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 34	E209178-14A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 35	E209178-15A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 36	E209178-16A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 37	E209178-17A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 38	E209178-18A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 39	E209178-19A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 40	E209178-20A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.3 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**649**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**474**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**123**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.0 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**805**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**590**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**80.2**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.4 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**662**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**491**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**22.6**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.7 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**666**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**540**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**30.0**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.9 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**593**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**457**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	ND	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.4 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**661**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**540**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**24.3**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.8 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**685**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**538**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**104**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.9 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.5 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**689**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**532**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**311**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.8 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**701**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**528**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**132**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.6 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**519**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**397**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**56.8**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.7 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**781**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**606**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**107**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.6 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**628**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**486**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**109**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.9 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**646**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**508**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**79.5**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.8 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**559**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**418**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**116**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.5 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**590**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**452**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**52.0**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.1 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**571**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**437**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**117**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.3 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**455**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**341**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**98.6**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**785**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**599**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**174**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.9 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.3 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**595**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**460**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**77.6**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

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E209178-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.8 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241054
Diesel Range Organics (C10-C28)	**424**	25.0	1	10/04/22	10/06/22	
Oil Range Organics (C28-C36)	**328**	50.0	1	10/04/22	10/06/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/04/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241043
Chloride	**135**	20.0	1	10/04/22	10/05/22	

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241005-BLK1)									Prepared: 10/02/22 Analyzed: 10/06/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.18*		*8.00*		*102*	*70-130*			
LCS (2241005-BS1)									Prepared: 10/02/22 Analyzed: 10/06/22
Benzene	4.99	0.0250	5.00		99.8	70-130			
Ethylbenzene	4.22	0.0250	5.00		84.3	70-130			
Toluene	4.43	0.0250	5.00		88.6	70-130			
o-Xylene	4.30	0.0250	5.00		86.1	70-130			
p,m-Xylene	8.56	0.0500	10.0		85.6	70-130			
Total Xylenes	12.9	0.0250	15.0		85.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.24*		*8.00*		*103*	*70-130*			
LCS Dup (2241005-BSD1)									Prepared: 10/02/22 Analyzed: 10/06/22
Benzene	5.24	0.0250	5.00		105	70-130	4.91	20	
Ethylbenzene	4.39	0.0250	5.00		87.9	70-130	4.09	20	
Toluene	4.63	0.0250	5.00		92.7	70-130	4.46	20	
o-Xylene	4.49	0.0250	5.00		89.8	70-130	4.31	20	
p,m-Xylene	8.91	0.0500	10.0		89.1	70-130	4.03	20	
Total Xylenes	13.4	0.0250	15.0		89.4	70-130	4.13	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.22*		*8.00*		*103*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241005-BLK1)									Prepared: 10/02/22 Analyzed: 10/06/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.61*		*8.00*		*82.7*	*70-130*			
LCS (2241005-BS2)									Prepared: 10/02/22 Analyzed: 10/07/22
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.90*		*8.00*		*86.2*	*70-130*			
LCS Dup (2241005-BSD2)									Prepared: 10/02/22 Analyzed: 10/06/22
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.7	70-130	6.50	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.90*		*8.00*		*86.2*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241054-BLK1)									Prepared: 10/04/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.1*		*50.0*		*108*	*50-200*			
LCS (2241054-BS1)									Prepared: 10/04/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	*52.4*		*50.0*		*105*	*50-200*			
Matrix Spike (2241054-MS1)				**Source: E209178-11**					Prepared: 10/04/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	813	25.0	250	781	13.0	38-132			M3
Surrogate: n-Nonane	*54.2*		*50.0*		*108*	*50-200*			
Matrix Spike Dup (2241054-MSD1)				**Source: E209178-11**					Prepared: 10/04/22 Analyzed: 10/06/22
Diesel Range Organics (C10-C28)	847	25.0	250	781	26.5	38-132	4.07	20	M3
Surrogate: n-Nonane	*53.3*		*50.0*		*107*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:41:11PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241043-BLK1)									Prepared: 10/04/22 Analyzed: 10/05/22
Chloride	ND	20.0							
LCS (2241043-BS1)									Prepared: 10/04/22 Analyzed: 10/05/22
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2241043-MS1)				**Source: E209178-01**					Prepared: 10/04/22 Analyzed: 10/05/22
Chloride	320	20.0	250	123	78.7	80-120			M2
Matrix Spike Dup (2241043-MSD1)				**Source: E209178-01**					Prepared: 10/04/22 Analyzed: 10/05/22
Chloride	361	20.0	250	123	95.0	80-120	12.0	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/07/22 13:41

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
M3	Matrix spike recovery was outside quality control limits due to matrix interference. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Project Information | Chain of Custody | Page 3 of 1

Client: EOG Resources	Bill To	Lab Use Only
Project: DEE 36 State Com Battery	Attention:	Lab WO# E209178
Project Manager: Greg Crabtree	Address:	Job Number 19034-0012
Address:	City, State, Zip	
City, State, Zip	Phone:	
Phone:	Email:	
Email: All Enviro		
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			x		
					RCRA

State: NM x | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
9:16	9.29.22	S	1	TC-3 21	1	X	
9:20	"	"	"	TC-3 22	2	"	
9:24				TC-3 23	3		
9:30				TC-3 24	4		
9:32				TC-3 25	5		
9:35				TC-3 26	6		
9:39				TC-3 27	7		
9:41				TC-3 28	8		
9:44				TC-3 29	9		
9:46	"	"	"	TC-3 30	10	"	

Analysis and Method

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Austin Foutz / K SANCHEZ

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9.30.22	8:31	[signature]	9/30/22	8:32
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG Resources
Project: DEE 36 State Com Battery
Project Manager: Greg Crabtree
Address:
City, State, Zip
Phone:
Email: All Enviro
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E209178
Job Number 19034-0012

TAT: 1D | 2D | 3D | Standard (x)

EPA Program: CWA | SDWA | RCRA

State: NM (x) | CO | UT | AZ | TX

Analysis and Method: BDGOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
9:50	9.29.22	S	1	TC-3 31	11	X	
9:53	"	"	"	TC-3 32	12	"	
9:56	"	"	"	TC-3 33	13	"	
10:00	"	"	"	TC-3 34	14	"	
10:03	"	"	"	TC-3 35	15	"	
10:08	"	"	"	TC-3 36	16	"	
10:10	"	"	"	TC-3 37	17	"	
10:13	"	"	"	TC-3 38	18	"	
10:17	"	"	"	TC-3 39	19	"	
10:20	"	"	"	TC-3 40	20	"	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Austin Foutz / K Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9.30.22	8:31	[signature]	9/30/22	8:32
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/30/2022 12:20:19PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	09/30/22 08:32	Work Order ID:	E209178
Phone:	(575) 748-4217	Date Logged In:	09/30/22 08:50	Logged In By:	Caitlin Christian
Email:		Due Date:	10/07/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes
2. Does the number of samples per sampling site location match the COC	Yes
3. Were samples dropped off by client or carrier?	Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Kholeton Sanchez

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No
29. Was a subcontract laboratory specified by the client and if so who?	NA

Subcontract Lab: na

Comments/Resolution

Project Dee 36 State Com Battery has been split into multiple reports due to sample volume.
WO# are as follows:E209177,E209178,E209179,E209180,E209181,E209182,E209183.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Dee 36 State Com Battery
Work Order:	E209179
Job Number:	19034-0012
Received:	9/30/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/10/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/10/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Dee 36 State Com Battery
Workorder: E209179
Date Received: 9/30/2022 8:32:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/30/2022 8:32:00AM, under the Project Name: Dee 36 State Com Battery.

The analytical test results summarized in this report with the Project Name: Dee 36 State Com Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/22 13:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TC-3 41	E209179-01A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 42	E209179-02A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 43	E209179-03A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 44	E209179-04A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 45	E209179-05A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 46	E209179-06A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 47	E209179-07A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 48	E209179-08A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 49	E209179-09A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 50	E209179-10A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 51	E209179-11A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 52	E209179-12A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 53	E209179-13A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 54	E209179-14A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 55	E209179-15A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 56	E209179-16A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 57	E209179-17A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 58	E209179-18A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 59	E209179-19A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 60	E209179-20A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**576**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**390**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**92.9**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

TC-3 42

E209179-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**625**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**461**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**134**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

TC-3 43

E209179-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**661**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**498**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	ND	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

TC-3 44

E209179-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**622**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**454**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**21.9**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**703**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**525**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	ND	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**550**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**401**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	ND	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**669**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**496**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	ND	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**609**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**456**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**37.7**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/05/22	
Toluene	ND	0.0250	1	10/02/22	10/05/22	
o-Xylene	ND	0.0250	1	10/02/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/05/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*10/02/22*	*10/05/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**626**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**449**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**119**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.5 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.5 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**580**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**392**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**57.0**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**577**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**412**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**156**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**557**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**403**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*98.8 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**141**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**672**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**480**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**193**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**482**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**343**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**114**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**607**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**427**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**204**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**540**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**377**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**148**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**636**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**460**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**247**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.4 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.4 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**675**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**503**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**163**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**706**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**478**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**202**	20.0	1	10/04/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

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E209179-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241060
Diesel Range Organics (C10-C28)	**547**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**399**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241045
Chloride	**144**	20.0	1	10/04/22	10/06/22	

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241006-BLK1)									Prepared: 10/02/22 Analyzed: 10/05/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
LCS (2241006-BS1)									Prepared: 10/02/22 Analyzed: 10/05/22
Benzene	2.01	0.0250	2.50		80.4	70-130			
Ethylbenzene	2.10	0.0250	2.50		83.8	70-130			
Toluene	2.05	0.0250	2.50		81.9	70-130			
o-Xylene	1.98	0.0250	2.50		79.2	70-130			
p,m-Xylene	3.92	0.0500	5.00		78.5	70-130			
Total Xylenes	5.90	0.0250	7.50		78.7	70-130			
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.468*		*0.500*		*93.6*	*70-130*			
Surrogate: Toluene-d8	*0.528*		*0.500*		*106*	*70-130*			
LCS Dup (2241006-BSD1)									Prepared: 10/02/22 Analyzed: 10/05/22
Benzene	2.02	0.0250	2.50		81.0	70-130	0.744	23	
Ethylbenzene	2.10	0.0250	2.50		84.2	70-130	0.381	27	
Toluene	2.07	0.0250	2.50		82.6	70-130	0.924	24	
o-Xylene	1.98	0.0250	2.50		79.3	70-130	0.126	27	
p,m-Xylene	3.97	0.0500	5.00		79.4	70-130	1.14	27	
Total Xylenes	5.95	0.0250	7.50		79.4	70-130	0.801	27	
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.465*		*0.500*		*92.9*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241006-BLK1)									Prepared: 10/02/22 Analyzed: 10/05/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
LCS (2241006-BS2)									Prepared: 10/02/22 Analyzed: 10/05/22
Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.8	70-130			
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.4*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*70-130*			
LCS Dup (2241006-BSD2)									Prepared: 10/02/22 Analyzed: 10/05/22
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130	6.29	20	
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.464*		*0.500*		*92.8*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241060-BLK1)									Prepared: 10/05/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.3*		*50.0*		*111*	*50-200*			
LCS (2241060-BS1)									Prepared: 10/05/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	238	25.0	250		95.2	38-132			
Surrogate: n-Nonane	*56.7*		*50.0*		*113*	*50-200*			
Matrix Spike (2241060-MS1)				**Source: E209179-16**					Prepared: 10/05/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	734	25.0	250	540	77.3	38-132			
Surrogate: n-Nonane	*57.9*		*50.0*		*116*	*50-200*			
Matrix Spike Dup (2241060-MSD1)				**Source: E209179-16**					Prepared: 10/05/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	888	25.0	250	540	139	38-132	19.1	20	M3
Surrogate: n-Nonane	*55.7*		*50.0*		*111*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 1:20:58PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241045-BLK1)									Prepared: 10/04/22 Analyzed: 10/05/22
Chloride	ND	20.0							
LCS (2241045-BS1)									Prepared: 10/04/22 Analyzed: 10/05/22
Chloride	242	20.0	250		96.9	90-110			
LCS Dup (2241045-BSD1)									Prepared: 10/04/22 Analyzed: 10/06/22
Chloride	245	20.0	250		98.2	90-110	1.30	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/22 13:20

M3	Matrix spike recovery was outside quality control limits due to matrix interference. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Project Information | Chain of Custody | Page 5 of 1_

Client: EOG Resources	Bill To	Lab Use Only
Project: DEE 36 State Com Battery	Attention:	Lab WO# E209179 / Job Number 19034-0012
Project Manager: Greg Crabtree	Address:	TAT: 1D, 2D, 3D, Standard (x)
Address:	City, State, Zip	EPA Program: CWA, SDWA, RCRA
City, State, Zip	Phone:	State: NM (x), CO, UT, AZ, TX
Phone:	Email:	
Email: All Enviro		
Report due by:		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Analysis and Method	Remarks
10:24	9.29.22	S	1	TC-3 41	1	X		
10:27	"	"	"	TC-3 42	2	"		
10:30	"	"	"	TC-3 43	3	"		
10:34	"	"	"	TC-3 44	4	"		
10:37	"	"	"	TC-3 45	5	"		
10:40	"	"	"	TC-3 46	6	"		
10:42	"	"	"	TC-3 47	7	"		
10:45	"	"	"	TC-3 48	8	"		
10:47	"	"	"	TC-3 49	9	"		
10:50	"	"	"	TC-3 50	10	"		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Austin Foutz / K Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9.30.22	8:31	[signature]	9/30/22	8:32
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG Resources	Bill To	Lab Use Only: Lab WO# E209179 / Job Number 19034-0012
Project: DEE 36 State Com Battery	Attention:	TAT: 1D 2D 3D Standard: x
Project Manager: Greg Crabtree	Address:	EPA Program: CWA SDWA RCRA
Address:	City, State, Zip	State: NM x, CO, UT, AZ, TX
City, State, Zip	Phone:	
Phone:	Email:	
Email: All Enviro		
Report due by:		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Analysis and Method	Remarks
10:53	9.29.22	S	1	TC-3 51	11	X		
10:57	"	"	"	TC-3 52	12	"		
11:00	"	"	"	TC-3 53	13	"		
11:04	"	"	"	TC-3 54	14	"		
11:06	"	"	"	TC-3 55	15	"		
11:09	"	"	"	TC-3 56	16	"		
11:11	"	"	"	TC-3 57	17	"		
11:14	"	"	"	TC-3 58	18	"		
11:20	"	"	"	TC-3 59	19	"		
11:22	"	"	"	TC-3 60	20	"		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Austin Foutz / K Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9.30.22	8:31	[signature]	9/30/22	8:32
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 ____ T2 ____ T3 ____
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/30/2022 12:24:35PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	09/30/22 08:32	Work Order ID:	E209179
Phone:	(575) 748-4217	Date Logged In:	09/30/22 08:55	Logged In By:	Caitlin Christian
Email:		Due Date:	10/07/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes
2. Does the number of samples per sampling site location match the COC	Yes
3. Were samples dropped off by client or carrier?	Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Kholeton Sanchez

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No
29. Was a subcontract laboratory specified by the client and if so who?	NA

Subcontract Lab: na

Comments/Resolution

Project Dee 36 State Com Battery has been split into multiple reports due to sample volume.
WO# are as follows:E209177,E209178,E209179,E209180,E209181,E209182,E209183.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Dee 36 State Com Battery
Work Order:	E209180
Job Number:	19034-0012
Received:	9/30/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/7/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/7/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Dee 36 State Com Battery
Workorder: E209180
Date Received: 9/30/2022 8:32:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/30/2022 8:32:00AM, under the Project Name: Dee 36 State Com Battery.

The analytical test results summarized in this report with the Project Name: Dee 36 State Com Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Laboratory Administrator
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Sample Summary

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/07/22 11:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TC-3 61	E209180-01A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 62	E209180-02A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 63	E209180-03A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 64	E209180-04A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 65	E209180-05A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 66	E209180-06A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 67	E209180-07A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 68	E209180-08A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 69	E209180-09A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 70	E209180-10A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 71	E209180-11A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 72	E209180-12A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 73	E209180-13A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 74	E209180-14A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 75	E209180-15A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 76	E209180-16A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 77	E209180-17A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 78	E209180-18A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 79	E209180-19A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 80	E209180-20A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

TC-3 61

E209180-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**621**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**854**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**287**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

TC-3 62

E209180-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.9 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.9 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**589**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**753**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**302**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

TC-3 63

E209180-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.3 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.3 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**753**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**1060**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**128**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

TC-3 64

E209180-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**727**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**927**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**350**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/06/22	
Toluene	ND	0.0250	1	10/02/22	10/06/22	
o-Xylene	ND	0.0250	1	10/02/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/06/22	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/02/22*	*10/06/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**634**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**883**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**84.6**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**597**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**790**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**94.3**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**782**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**1060**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**63.3**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**658**	25.0	1	10/05/22	10/05/22	
Oil Range Organics (C28-C36)	**876**	50.0	1	10/05/22	10/05/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/05/22*	*10/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**65.3**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**601**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**788**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**64.4**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*90.9 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*90.9 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**677**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**932**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	ND	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**778**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**1070**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*123 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**40.8**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**766**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**977**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**47.1**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.7 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.7 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**676**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**906**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**51.5**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**741**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**1020**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**127**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**707**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**963**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**105**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**875**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**1020**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**158**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**821**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**1070**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**129**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**735**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**936**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**160**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**793**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**1010**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**103**	20.0	1	10/04/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

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E209180-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Benzene	ND	0.0250	1	10/02/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/02/22	10/07/22	
Toluene	ND	0.0250	1	10/02/22	10/07/22	
o-Xylene	ND	0.0250	1	10/02/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/02/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/22	10/07/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/02/22*	*10/07/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/02/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241061
Diesel Range Organics (C10-C28)	**561**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**709**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241047
Chloride	**145**	20.0	1	10/04/22	10/05/22	

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241007-BLK1)									Prepared: 10/02/22 Analyzed: 10/06/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.466*		*0.500*		*93.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			
LCS (2241007-BS1)									Prepared: 10/02/22 Analyzed: 10/06/22
Benzene	2.14	0.0250	2.50		85.5	70-130			
Ethylbenzene	2.16	0.0250	2.50		86.3	70-130			
Toluene	2.12	0.0250	2.50		84.9	70-130			
o-Xylene	2.03	0.0250	2.50		81.3	70-130			
p,m-Xylene	4.04	0.0500	5.00		80.7	70-130			
Total Xylenes	6.07	0.0250	7.50		80.9	70-130			
Surrogate: Bromofluorobenzene	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.462*		*0.500*		*92.4*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			
LCS Dup (2241007-BSD1)									Prepared: 10/02/22 Analyzed: 10/06/22
Benzene	2.16	0.0250	2.50		86.3	70-130	0.932	23	
Ethylbenzene	2.19	0.0250	2.50		87.8	70-130	1.63	27	
Toluene	2.17	0.0250	2.50		86.9	70-130	2.38	24	
o-Xylene	2.07	0.0250	2.50		82.8	70-130	1.83	27	
p,m-Xylene	4.08	0.0500	5.00		81.6	70-130	1.12	27	
Total Xylenes	6.15	0.0250	7.50		82.0	70-130	1.36	27	
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241007-BLK1)									Prepared: 10/02/22 Analyzed: 10/06/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.466*		*0.500*		*93.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			
LCS (2241007-BS2)									Prepared: 10/02/22 Analyzed: 10/06/22
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.3	70-130			
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.474*		*0.500*		*94.8*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			
LCS Dup (2241007-BSD2)									Prepared: 10/02/22 Analyzed: 10/06/22
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0		98.3	70-130	6.37	20	
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: Toluene-d8	*0.531*		*0.500*		*106*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241061-BLK1)									Prepared: 10/05/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.1*		*50.0*		*116*	*50-200*			
LCS (2241061-BS1)									Prepared: 10/05/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	265	25.0	250		106	38-132			
Surrogate: n-Nonane	*57.1*		*50.0*		*114*	*50-200*			
Matrix Spike (2241061-MS1)				**Source: E209180-17**					Prepared: 10/05/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	1090	25.0	250	821	109	38-132			
Surrogate: n-Nonane	*59.0*		*50.0*		*118*	*50-200*			
Matrix Spike Dup (2241061-MSD1)				**Source: E209180-17**					Prepared: 10/05/22 Analyzed: 10/05/22
Diesel Range Organics (C10-C28)	1040	25.0	250	821	87.3	38-132	5.06	20	
Surrogate: n-Nonane	*59.0*		*50.0*		*118*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 11:28:37AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241047-BLK1)									Prepared: 10/04/22 Analyzed: 10/05/22
Chloride	ND	20.0							
LCS (2241047-BS1)									Prepared: 10/04/22 Analyzed: 10/05/22
Chloride	249	20.0	250		99.4	90-110			
LCS Dup (2241047-BSD1)									Prepared: 10/04/22 Analyzed: 10/05/22
Chloride	251	20.0	250		100	90-110	0.849	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/07/22 11:28

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Project Information | Chain of Custody | Page 7 of 17

Client: EOG Resources	Bill To	Lab Use Only: Lab WO# E209180 / Job Number 19034-0012
Project: DEE 36 State Com Battery	Attention:	TAT: 1D / 2D / 3D / Standard: x
Project Manager: Greg Crabtree	Address:	EPA Program: CWA / SDWA / RCRA
Address:	City, State, Zip	State: NM x / CO / UT / AZ / TX
City, State, Zip	Phone:	
Phone:	Email:	
Email: All Enviro		
Report due by:		

Analysis and Method: BDGOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
11:24	9.29.22	S	1	TC-3 61	1	X	
11:27	"	"	"	TC-3 62	2	"	
11:30				TC-3 63	3		
11:32				TC-3 64	4		
11:35				TC-3 65	5		
11:37				TC-3 66	6		
11:40				TC-3 67	7		
11:44				TC-3 68	8		
11:46				TC-3 69	9		
11:49	↓	↓	↓	TC-3 70	10	↓	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Austin Foutz / K SANCHEZ

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9.30.22	8:31	[signature]	9/30/22	8:32
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: Y / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG Resources	**Bill To**	**Lab Use Only**
Project: DEE 36 State Com Battery	Attention:	Lab WO# E209180
Project Manager: Greg Crabtree	Address:	Job Number 19034-0012
Address:	City, State, Zip	
City, State, Zip	Phone:	
Phone:	Email:	
Email: All Enviro		
Report due by:		

TAT: 1D | 2D | 3D | Standard: x

EPA Program: CWA | SDWA | RCRA

State: NM: x | CO | UT | AZ | TX

Analysis and Method: BDGOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
11:51	9.29.22	S	1	TC-3 71	11	X	
11:53	"	"	"	TC-3 72	12	"	
11:55	"	"	"	TC-3 73	13	"	
11:57	"	"	"	TC-3 74	14	"	
12:00	"	"	"	TC-3 75	15	"	
12:02	"	"	"	TC-3 76	16	"	
12:04	"	"	"	TC-3 77	17	"	
12:07	"	"	"	TC-3 78	18	"	
12:10	"	"	"	TC-3 79	19	"	
12:12	"	"	"	TC-3 80	20	"	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Austin Foutz / K. SANCHEZ

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9.30.22	8:31	[signature]	9/30/22	8.32
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/30/2022 12:27:58PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	09/30/22 08:32	Work Order ID:	E209180
Phone:	(575) 748-4217	Date Logged In:	09/30/22 08:59	Logged In By:	Caitlin Christian
Email:		Due Date:	10/07/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Kholeton Sanchez
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Project Dee 36 State Com Battery has been split into multiple reports due to sample volume.
WO# are as follows:E209177,E209178,E209179,E209180,E209181,E209182,E209183.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Dee 36 State Com Battery
Work Order:	E209181
Job Number:	19034-0012
Received:	9/30/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/7/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/7/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Dee 36 State Com Battery
Workorder: E209181
Date Received: 9/30/2022 8:32:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/30/2022 8:32:00AM, under the Project Name: Dee 36 State Com Battery.

The analytical test results summarized in this report with the Project Name: Dee 36 State Com Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/07/22 12:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TC-3 81	E209181-01A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 82	E209181-02A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 83	E209181-03A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 84	E209181-04A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 85	E209181-05A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 86	E209181-06A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 87	E209181-07A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 88	E209181-08A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 89	E209181-09A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 90	E209181-10A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 91	E209181-11A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 92	E209181-12A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 93	E209181-13A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 94	E209181-14A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 95	E209181-15A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 96	E209181-16A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 97	E209181-17A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 98	E209181-18A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 99	E209181-19A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 100	E209181-20A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**705**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**500**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**103**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

TC-3 82

E209181-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.9 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**665**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**468**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*125 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**96.3**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

TC-3 83

E209181-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.2 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**637**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**457**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**131**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**520**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**355**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**233**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

TC-3 85

E209181-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**915**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**606**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*124 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**257**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**628**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**472**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*127 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**189**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**480**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**339**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**274**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.9 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**659**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**490**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*124 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**167**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.8 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**671**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**479**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**63.5**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	**0.0329**	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	**0.0329**	0.0250	1	10/04/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**546**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**400**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**40.0**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**716**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**526**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	ND	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**643**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**458**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**70.9**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.4 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**482**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**335**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**265**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.5 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**634**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**459**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**61.9**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.6 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**649**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**469**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**80.1**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**628**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**437**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**55.0**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

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E209181-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.6 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**655**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**450**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**41.8**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

TC-3 98

E209181-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.4 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**592**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**439**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**83.4**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

TC-3 99

E209181-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**629**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**445**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**95.6**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

TC-3 100

E209181-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241062
Diesel Range Organics (C10-C28)	**662**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**493**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241065
Chloride	**86.4**	20.0	1	10/05/22	10/05/22	

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241044-BLK1)									Prepared: 10/04/22 Analyzed: 10/06/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.02*		*8.00*		*100*	*70-130*			
LCS (2241044-BS1)									Prepared: 10/04/22 Analyzed: 10/06/22
Benzene	4.11	0.0250	5.00		82.2	70-130			
Ethylbenzene	4.36	0.0250	5.00		87.2	70-130			
Toluene	4.41	0.0250	5.00		88.2	70-130			
o-Xylene	4.51	0.0250	5.00		90.2	70-130			
p,m-Xylene	8.84	0.0500	10.0		88.4	70-130			
Total Xylenes	13.3	0.0250	15.0		89.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.05*		*8.00*		*101*	*70-130*			
LCS Dup (2241044-BSD1)									Prepared: 10/04/22 Analyzed: 10/06/22
Benzene	4.79	0.0250	5.00		95.8	70-130	15.3	20	
Ethylbenzene	5.16	0.0250	5.00		103	70-130	16.8	20	
Toluene	5.18	0.0250	5.00		104	70-130	15.9	20	
o-Xylene	5.30	0.0250	5.00		106	70-130	16.1	20	
p,m-Xylene	10.5	0.0500	10.0		105	70-130	16.8	20	
Total Xylenes	15.8	0.0250	15.0		105	70-130	16.6	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.99*		*8.00*		*99.9*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241044-BLK1)									Prepared: 10/04/22 Analyzed: 10/06/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.73*		*8.00*		*96.6*	*70-130*			
LCS (2241044-BS2)									Prepared: 10/04/22 Analyzed: 10/06/22
Gasoline Range Organics (C6-C10)	50.7	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.58*		*8.00*		*94.7*	*70-130*			
LCS Dup (2241044-BSD2)									Prepared: 10/04/22 Analyzed: 10/06/22
Gasoline Range Organics (C6-C10)	53.2	20.0	50.0		106	70-130	4.82	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.75*		*8.00*		*96.9*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241062-BLK1)									Prepared: 10/05/22 Analyzed: 10/06/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*64.0*		*50.0*		*128*	*50-200*			
LCS (2241062-BS1)									Prepared: 10/05/22 Analyzed: 10/06/22
Diesel Range Organics (C10-C28)	225	25.0	250		90.1	38-132			
Surrogate: n-Nonane	*54.1*		*50.0*		*108*	*50-200*			
Matrix Spike (2241062-MS1)				**Source: E209181-10**					Prepared: 10/05/22 Analyzed: 10/06/22
Diesel Range Organics (C10-C28)	842	25.0	250	546	118	38-132			
Surrogate: n-Nonane	*54.7*		*50.0*		*109*	*50-200*			
Matrix Spike Dup (2241062-MSD1)				**Source: E209181-10**					Prepared: 10/05/22 Analyzed: 10/06/22
Diesel Range Organics (C10-C28)	806	25.0	250	546	104	38-132	4.44	20	
Surrogate: n-Nonane	*46.4*		*50.0*		*92.8*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 12:36:01PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241065-BLK1)									Prepared: 10/05/22 Analyzed: 10/05/22
Chloride	ND	20.0							
LCS (2241065-BS1)									Prepared: 10/05/22 Analyzed: 10/05/22
Chloride	253	20.0	250		101	90-110			
LCS Dup (2241065-BSD1)									Prepared: 10/05/22 Analyzed: 10/05/22
Chloride	251	20.0	250		100	90-110	0.874	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/07/22 12:36

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG Resources	Bill To	Lab Use Only: Lab WO# E209181 / Job Number 19034-0012
Project: DEE 36 State Com Battery	Attention:	TAT: 1D / 2D / 3D / Standard: x
Project Manager: Greg Crabtree	Address:	EPA Program: CWA / SDWA / RCRA
Address:	City, State, Zip	State: NM x / CO / UT / AZ / TX
City, State, Zip	Phone:	
Phone:	Email:	
Email: All Enviro		
Report due by:		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Analysis and Method	Remarks
12:15	9.29.22	S	1	TC-3 81	1	X		
12:17				TC-3 82	2			
12:20				~~TC-4~~ KS TC-3 83	3			
12:22				~~TC-5~~ KS TC-3 84	4			
12:24				~~TC-6~~ KS TC-3 85	5			
12:27				~~TC-7~~ KS TC-3 86	6			
12:30				~~TC-8~~ KS TC-3 87	7			
12:32				TC-3 88	8			
12:35				TC-3 89	9			
12:38				TC-3 90	10			

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Austin Foutz / K Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9.30.22	8:31	[signature]	9/30/22	8:32
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG Resources	**Bill To**	**Lab Use Only**
Project: DEE 36 State Com Battery	Attention:	Lab WO# E209181
Project Manager: Greg Crabtree	Address:	Job Number 19034-0012
Address:	City, State, Zip	
City, State, Zip	Phone:	
Phone:	Email:	
Email: All Enviro		
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			x		
					RCRA

State: NM x | CO | UT | AZ | TX

Analysis and Method: BDGOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
12:40	9.29.22	S	1	TC-3 91	11	X	
12:44	"	"	"	TC-3 92	12	"	
12:48				TC-3 93	13		
12:50				TC-3 94	14		
12:53				TC-3 95	15		
12:55				TC-3 96	16		
12:57				TC-3 97	17		
13:00				TC-3 98	18		
13:02				TC-3 99	19		
13:04				TC-3 100	20		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Austin Foutz / K Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9.30.22	8:51	[signature]	9/30/22	8:32
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 ____ T2 ____ T3 ____
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Envirotech Analytical Laboratory

Printed: 9/30/2022 12:30:33PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	09/30/22 08:32	Work Order ID:	E209181
Phone:	(575) 748-4217	Date Logged In:	09/30/22 09:04	Logged In By:	Caitlin Christian
Email:		Due Date:	10/07/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Kholeton Sanchez
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Project Dee 36 State Com Battery has been split into multiple reports due to sample volume.
WO# are as follows:E209177,E209178,E209179,E209180,E209181,E209182,E209183.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Dee 36 State Com Battery
Work Order:	E209182
Job Number:	19034-0012
Received:	9/30/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/7/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/7/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Dee 36 State Com Battery
Workorder: E209182
Date Received: 9/30/2022 8:32:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/30/2022 8:32:00AM, under the Project Name: Dee 36 State Com Battery.

The analytical test results summarized in this report with the Project Name: Dee 36 State Com Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
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Sample Summary

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/07/22 13:34

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TC-3 101	E209182-01A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 102	E209182-02A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 103	E209182-03A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 104	E209182-04A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 105	E209182-05A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 106	E209182-06A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 107	E209182-07A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 108	E209182-08A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 109	E209182-09A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 110	E209182-10A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 111	E209182-11A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 112	E209182-12A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 113	E209182-13A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 114	E209182-14A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 115	E209182-15A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 116	E209182-16A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 117	E209182-17A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 118	E209182-18A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 119	E209182-19A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 120	E209182-20A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 101

E209182-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*96.6 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*96.6 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**773**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**627**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**77.3**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 102

E209182-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*95.9 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*95.9 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**666**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**565**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**98.4**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 103

E209182-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*97.8 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*97.8 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**742**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**611**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**94.6**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 104

E209182-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**771**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**634**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**142**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 105

E209182-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**774**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**656**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**150**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 106

E209182-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.5 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.5 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**789**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**654**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**132**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 107

E209182-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*97.4 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*97.4 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**739**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**607**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**75.1**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 108

E209182-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/06/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/06/22	
Toluene	ND	0.0250	1	10/04/22	10/06/22	
o-Xylene	ND	0.0250	1	10/04/22	10/06/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/06/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/06/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/04/22*	*10/06/22*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*10/04/22*	*10/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**655**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**534**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**188**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 109

E209182-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**786**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**612**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**61.3**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 110

E209182-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*96.5 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*96.5 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**687**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**559**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**90.8**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 111

E209182-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**733**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**616**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**37.5**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

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E209182-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**785**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**649**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**30.1**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

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E209182-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*96.6 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*96.6 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**756**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**646**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**45.2**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 114

E209182-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**622**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**525**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**28.4**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 115

E209182-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**494**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**415**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**21.5**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 116

E209182-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**642**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**480**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*99.5 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**55.8**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

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E209182-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**217**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**220**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**137**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

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E209182-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**479**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**372**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**498**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 119

E209182-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*97.4 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*97.4 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**558**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**406**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**161**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

TC-3 120

E209182-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Benzene	ND	0.0250	1	10/04/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/07/22	
Toluene	ND	0.0250	1	10/04/22	10/07/22	
o-Xylene	ND	0.0250	1	10/04/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*96.6 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2241046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/07/22	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*10/04/22*	*10/07/22*	
Surrogate: Toluene-d8		*96.6 %*	*70-130*	*10/04/22*	*10/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241063
Diesel Range Organics (C10-C28)	**700**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**485**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241066
Chloride	**124**	20.0	1	10/05/22	10/06/22	

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241046-BLK1)									Prepared: 10/04/22 Analyzed: 10/06/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.472*		*0.500*		*94.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: Toluene-d8	*0.477*		*0.500*		*95.3*	*70-130*			
LCS (2241046-BS1)									Prepared: 10/04/22 Analyzed: 10/06/22
Benzene	2.08	0.0250	2.50		83.3	70-130			
Ethylbenzene	2.00	0.0250	2.50		80.1	70-130			
Toluene	2.01	0.0250	2.50		80.5	70-130			
o-Xylene	2.03	0.0250	2.50		81.0	70-130			
p,m-Xylene	4.00	0.0500	5.00		79.9	70-130			
Total Xylenes	6.02	0.0250	7.50		80.3	70-130			
Surrogate: Bromofluorobenzene	*0.498*		*0.500*		*99.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.497*		*0.500*		*99.4*	*70-130*			
Surrogate: Toluene-d8	*0.478*		*0.500*		*95.5*	*70-130*			
LCS Dup (2241046-BSD1)									Prepared: 10/04/22 Analyzed: 10/06/22
Benzene	2.06	0.0250	2.50		82.6	70-130	0.820	23	
Ethylbenzene	1.97	0.0250	2.50		78.8	70-130	1.64	27	
Toluene	1.97	0.0250	2.50		78.6	70-130	2.31	24	
o-Xylene	2.00	0.0250	2.50		80.1	70-130	1.19	27	
p,m-Xylene	3.94	0.0500	5.00		78.7	70-130	1.49	27	
Total Xylenes	5.94	0.0250	7.50		79.2	70-130	1.39	27	
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: Toluene-d8	*0.472*		*0.500*		*94.4*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241046-BLK1)									Prepared: 10/04/22 Analyzed: 10/06/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.472*		*0.500*		*94.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: Toluene-d8	*0.477*		*0.500*		*95.3*	*70-130*			
LCS (2241046-BS2)									Prepared: 10/04/22 Analyzed: 10/06/22
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.7	70-130			
Surrogate: Bromofluorobenzene	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.472*		*0.500*		*94.3*	*70-130*			
LCS Dup (2241046-BSD2)									Prepared: 10/04/22 Analyzed: 10/06/22
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.2	70-130	6.27	20	
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.470*		*0.500*		*93.9*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241063-BLK1)									Prepared: 10/05/22 Analyzed: 10/06/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*59.0*		*50.0*		*118*	*50-200*			
LCS (2241063-BS1)									Prepared: 10/05/22 Analyzed: 10/06/22
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	*50.9*		*50.0*		*102*	*50-200*			
Matrix Spike (2241063-MS1)				**Source: E209182-16**					Prepared: 10/05/22 Analyzed: 10/06/22
Diesel Range Organics (C10-C28)	855	25.0	250	642	85.3	38-132			
Surrogate: n-Nonane	*56.5*		*50.0*		*113*	*50-200*			
Matrix Spike Dup (2241063-MSD1)				**Source: E209182-16**					Prepared: 10/05/22 Analyzed: 10/06/22
Diesel Range Organics (C10-C28)	839	25.0	250	642	78.6	38-132	1.98	20	
Surrogate: n-Nonane	*49.6*		*50.0*		*99.2*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/7/2022 1:34:50PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241066-BLK1)									Prepared: 10/05/22 Analyzed: 10/05/22
Chloride	ND	20.0							
LCS (2241066-BS1)									Prepared: 10/05/22 Analyzed: 10/05/22
Chloride	251	20.0	250		100	90-110			
LCS Dup (2241066-BSD1)									Prepared: 10/05/22 Analyzed: 10/05/22
Chloride	250	20.0	250		100	90-110	0.243	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/07/22 13:34

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG Resources	**Bill To**	**Lab Use Only**
Project: DEE 36 State Com Battery	Attention:	Lab WO# E 209182
Project Manager: Greg Crabtree	Address:	Job Number 19034-0012
Address:	City, State, Zip	
City, State, Zip	Phone:	
Phone:	Email:	
Email: All Enviro		
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			x		
					RCRA

State					
NM	CO	UT	AZ	TX	
x					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Analysis and Method	Remarks
13:07	9.29.22	S	1	TC-3 101	1	X		
13:09	"	"	"	TC-3 102	2	"		
13:11				TC-3 103	3			
13:14				TC-3 104	4			
13:16				TC-3 105	5			
13:18				TC-3 106	6			
13:21				TC-3 107	7			
13:25				TC-3 108	8			
13:27				TC-3 109	9			
13:29	"	"	"	TC-3 110	10	"		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Austin Foutz/K. Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9.30.22	8:31	[signature]	9/30/22	8:32
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG	Bill To	Lab Use Only
Project: DEE 36 State Com Battery	Attention:	Lab WO# E209182 / Job Number 19034-0012
Project Manager: Greg Crabtree	Address:	TAT: 1D, 2D, 3D, Standard (X)
Address:	City, State, Zip	EPA Program: CWA, SDWA, RCRA
City, State, Zip	Phone:	State: NM (X), CO, UT, AZ, TX
Phone:	Email:	
Email: All Enviro		
Report due by:		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDOC	Remarks
13:31	9.29.22	S	1	TC-3 111	11	X	
13:34	"	"	"	TC-3 112	12	"	
13:37				TC-3 113	13		
13:39				TC-3 114	14		
13:41				TC-3 115	15		
13:44				TC-3 116	16		
13:47				TC-3 117	17		
13:49				TC-3 118	18		
13:51				TC-3 119	19		
13:56	"	"	"	TC-3 120	20	"	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: A FOUTZ / C SANCHEZ

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9.30.22	8:31	[signature]	9/30/22	8:32
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/30/2022 12:32:56PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	09/30/22 08:32	Work Order ID:	E209182
Phone:	(575) 748-4217	Date Logged In:	09/30/22 09:07	Logged In By:	Caitlin Christian
Email:		Due Date:	10/07/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Kholeton Sanchez
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Project Dee 36 State Com Battery has been split into multiple reports due to sample volume.
WO# are as follows:E209177,E209178,E209179,E209180,E209181,E209182,E209183.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Dee 36 State Com Battery
Work Order:	E209183
Job Number:	19034-0012
Received:	9/30/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/10/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/10/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Dee 36 State Com Battery
Workorder: E209183
Date Received: 9/30/2022 8:32:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/30/2022 8:32:00AM, under the Project Name: Dee 36 State Com Battery.

The analytical test results summarized in this report with the Project Name: Dee 36 State Com Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/22 10:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TC-3 121	E209183-01A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 122	E209183-02A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 123	E209183-03A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 124	E209183-04A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 125	E209183-05A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 126	E209183-06A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 127	E209183-07A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 128	E209183-08A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 129	E209183-09A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.
TC-3 130	E209183-10A	Soil	09/29/22	09/30/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

TC-3 121

E209183-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Benzene	ND	0.0250	1	10/04/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/05/22	
Toluene	ND	0.0250	1	10/04/22	10/05/22	
o-Xylene	ND	0.0250	1	10/04/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.5 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241053
Diesel Range Organics (C10-C28)	**479**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**296**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241064
Chloride	**112**	20.0	1	10/05/22	10/05/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

TC-3 122

E209183-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Benzene	ND	0.0250	1	10/04/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/05/22	
Toluene	ND	0.0250	1	10/04/22	10/05/22	
o-Xylene	ND	0.0250	1	10/04/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.6 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241053
Diesel Range Organics (C10-C28)	**673**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**394**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241064
Chloride	**95.5**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

TC-3 123

E209183-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Benzene	ND	0.0250	1	10/04/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/05/22	
Toluene	ND	0.0250	1	10/04/22	10/05/22	
o-Xylene	ND	0.0250	1	10/04/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.0 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241053
Diesel Range Organics (C10-C28)	**513**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**305**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241064
Chloride	**70.7**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

TC-3 124

E209183-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Benzene	ND	0.0250	1	10/04/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/05/22	
Toluene	ND	0.0250	1	10/04/22	10/05/22	
o-Xylene	ND	0.0250	1	10/04/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.9 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241053
Diesel Range Organics (C10-C28)	**599**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**438**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*122 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241064
Chloride	**136**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

TC-3 125

E209183-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Benzene	ND	0.0250	1	10/04/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/05/22	
Toluene	ND	0.0250	1	10/04/22	10/05/22	
o-Xylene	ND	0.0250	1	10/04/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.6 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241053
Diesel Range Organics (C10-C28)	**599**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**357**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241064
Chloride	**161**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

TC-3 126

E209183-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Benzene	ND	0.0250	1	10/04/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/05/22	
Toluene	ND	0.0250	1	10/04/22	10/05/22	
o-Xylene	ND	0.0250	1	10/04/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.9 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.8 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241053
Diesel Range Organics (C10-C28)	**572**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**371**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*124 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241064
Chloride	**52.6**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

TC-3 127

E209183-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Benzene	ND	0.0250	1	10/04/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/05/22	
Toluene	ND	0.0250	1	10/04/22	10/05/22	
o-Xylene	ND	0.0250	1	10/04/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.9 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241053
Diesel Range Organics (C10-C28)	**443**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**288**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241064
Chloride	**86.5**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

TC-3 128

E209183-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Benzene	ND	0.0250	1	10/04/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/05/22	
Toluene	ND	0.0250	1	10/04/22	10/05/22	
o-Xylene	ND	0.0250	1	10/04/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.8 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241053
Diesel Range Organics (C10-C28)	**753**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**394**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241064
Chloride	**31.6**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

TC-3 129

E209183-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Benzene	ND	0.0250	1	10/04/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/05/22	
Toluene	ND	0.0250	1	10/04/22	10/05/22	
o-Xylene	ND	0.0250	1	10/04/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.8 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241053
Diesel Range Organics (C10-C28)	**485**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**312**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*122 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241064
Chloride	**162**	20.0	1	10/05/22	10/06/22	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

TC-3 130

E209183-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Benzene	ND	0.0250	1	10/04/22	10/05/22	
Ethylbenzene	ND	0.0250	1	10/04/22	10/05/22	
Toluene	ND	0.0250	1	10/04/22	10/05/22	
o-Xylene	ND	0.0250	1	10/04/22	10/05/22	
p,m-Xylene	ND	0.0500	1	10/04/22	10/05/22	
Total Xylenes	ND	0.0250	1	10/04/22	10/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2241039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/04/22	10/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.8 %*	*70-130*	*10/04/22*	*10/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2241053
Diesel Range Organics (C10-C28)	**582**	25.0	1	10/05/22	10/06/22	
Oil Range Organics (C28-C36)	**357**	50.0	1	10/05/22	10/06/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/05/22*	*10/06/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2241064
Chloride	**226**	20.0	1	10/05/22	10/06/22	

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241039-BLK1)									Prepared: 10/04/22 Analyzed: 10/04/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.19*		*8.00*		*102*	*70-130*			
LCS (2241039-BS1)									Prepared: 10/04/22 Analyzed: 10/04/22
Benzene	4.95	0.0250	5.00		99.0	70-130			
Ethylbenzene	4.12	0.0250	5.00		82.3	70-130			
Toluene	4.35	0.0250	5.00		87.0	70-130			
o-Xylene	4.18	0.0250	5.00		83.7	70-130			
p,m-Xylene	8.36	0.0500	10.0		83.6	70-130			
Total Xylenes	12.5	0.0250	15.0		83.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.11*		*8.00*		*101*	*70-130*			
LCS Dup (2241039-BSD1)									Prepared: 10/04/22 Analyzed: 10/04/22
Benzene	4.44	0.0250	5.00		88.8	70-130	10.8	20	
Ethylbenzene	3.69	0.0250	5.00		73.9	70-130	10.8	20	
Toluene	3.90	0.0250	5.00		78.1	70-130	10.8	20	
o-Xylene	3.76	0.0250	5.00		75.2	70-130	10.6	20	
p,m-Xylene	7.53	0.0500	10.0		75.3	70-130	10.5	20	
Total Xylenes	11.3	0.0250	15.0		75.2	70-130	10.6	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.19*		*8.00*		*102*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241039-BLK1)									Prepared: 10/04/22 Analyzed: 10/04/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.68*		*8.00*		*83.5*	*70-130*			
LCS (2241039-BS2)									Prepared: 10/04/22 Analyzed: 10/04/22
Gasoline Range Organics (C6-C10)	52.1	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.82*		*8.00*		*85.3*	*70-130*			
LCS Dup (2241039-BSD2)									Prepared: 10/04/22 Analyzed: 10/04/22
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130	1.51	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.96*		*8.00*		*87.1*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241053-BLK1)									Prepared: 10/05/22 Analyzed: 10/06/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*60.0*		*50.0*		*120*	*50-200*			
LCS (2241053-BS1)									Prepared: 10/05/22 Analyzed: 10/06/22
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
Surrogate: n-Nonane	*58.1*		*50.0*		*116*	*50-200*			
Matrix Spike (2241053-MS1)				**Source: E209183-05**					Prepared: 10/05/22 Analyzed: 10/06/22
Diesel Range Organics (C10-C28)	862	25.0	250	599	105	38-132			
Surrogate: n-Nonane	*60.6*		*50.0*		*121*	*50-200*			
Matrix Spike Dup (2241053-MSD1)				**Source: E209183-05**					Prepared: 10/05/22 Analyzed: 10/06/22
Diesel Range Organics (C10-C28)	885	25.0	250	599	114	38-132	2.56	20	
Surrogate: n-Nonane	*60.5*		*50.0*		*121*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/2022 10:49:15AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2241064-BLK1)									Prepared: 10/05/22 Analyzed: 10/05/22
Chloride	ND	20.0							
LCS (2241064-BS1)									Prepared: 10/05/22 Analyzed: 10/05/22
Chloride	254	20.0	250		102	90-110			
LCS Dup (2241064-BSD1)									Prepared: 10/05/22 Analyzed: 10/05/22
Chloride	254	20.0	250		102	90-110	0.0540	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/10/22 10:49

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG	**Bill To**	**Lab Use Only**
Project: DEE 36 STATE COM BATTERY	Attention:	Lab WO# E209183
Project Manager: Greg Crabtree	Address:	Job Number 19034-0012
Address:	City, State, Zip	
City, State, Zip	Phone:	
Phone:	Email:	
Email: All Enviro		
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
					RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDOC	Remarks
13:59	9.29.22	S	1	TC-3 121	1	X	
14:04	"	"	"	TC-3 122	2	"	
14:07				TC-3 123	3		
14:10				TC-3 124	4		
14:15				TC-3 125	5		
14:17				TC-3 126	6		
14:20				TC-3 127	7		
14:22				TC-3 128	8		
14:25				TC-3 129	9		
14:30	"	"	"	TC-3 130	10	"	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: A FOUTZ / K. SANCHEZ

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	9.30.22	8:31		9/30/22	8:32
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/30/2022 12:35:19PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	09/30/22 08:32	Work Order ID:	E209183
Phone:	(575) 748-4217	Date Logged In:	09/30/22 09:13	Logged In By:	Caitlin Christian
Email:		Due Date:	10/07/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Kholeton Sanchez
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Project Dee 36 State Com Battery has been split into multiple reports due to sample volume.
WO# are as follows:E209177,E209178,E209179,E209180,E209181,E209182,E209183.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Excavation Confirmation Sampling
Work Order:	E211060
Job Number:	19034-0012
Received:	11/11/2022

Revision: 3

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/16/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/16/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Excavation Confirmation Sampling
Workorder: E211060
Date Received: 11/11/2022 8:31:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/11/2022 8:31:00AM, under the Project Name: Excavation Confirmation Sampling.

The analytical test results summarized in this report with the Project Name: Excavation Confirmation Sampling apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/22 17:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
NTW4-1	E211060-01A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
NTW4-2	E211060-02A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
NTW4-3	E211060-03A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
NTB4-1	E211060-04A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
NTB4-2	E211060-05A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
NTB4-3	E211060-06A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
EW4-1	E211060-07A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
EW4-2	E211060-08A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SW4-1	E211060-09A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SW4-2	E211060-10A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SW4-3	E211060-11A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
WW4-1	E211060-12A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
WW4-2	E211060-13A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
NEW-1	E211060-14A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
NEW-2	E211060-15A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
NEW-3	E211060-16A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
NEW-4	E211060-17A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
NEW-5	E211060-18A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
NEW-6	E211060-19A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
NEW-7	E211060-20A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

NTW4-1

E211060-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**198**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

NTW4-2

E211060-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	**55.5**	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**65.4**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

NTW4-3

E211060-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	**38.8**	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**2100**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

NTB4-1

E211060-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**655**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

NTB4-2

E211060-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**30.0**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

NTB4-3

E211060-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	**205**	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	**116**	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**1420**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

EW4-1

E211060-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**2050**	40.0	2	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

EW4-2

E211060-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**558**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

SW4-1

E211060-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	**32.3**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	ND	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

SW4-2

E211060-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.3 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.3 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	**482**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**248**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**67.6**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

SW4-3

E211060-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.9 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	ND	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

WW4-1

E211060-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	**144**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**94.2**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**198**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

WW4-2

E211060-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	**621**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**165**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	ND	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

NEW-1

E211060-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	**91.1**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*122 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**101**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

NEW-2

E211060-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.0 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.0 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	**68.1**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**746**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

NEW-3

E211060-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/11/22	
Toluene	ND	0.0250	1	11/11/22	11/11/22	
o-Xylene	ND	0.0250	1	11/11/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.4 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/11/22	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.4 %*	*70-130*	*11/11/22*	*11/11/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	**307**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**76.2**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*122 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**110**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

NEW-4

E211060-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/12/22	
Toluene	ND	0.0250	1	11/11/22	11/12/22	
o-Xylene	ND	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/12/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/12/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/12/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	**147**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**54.0**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**40.0**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

NEW-5

E211060-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/12/22	
Toluene	ND	0.0250	1	11/11/22	11/12/22	
o-Xylene	ND	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/12/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/12/22	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.6 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/12/22	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.6 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	**265**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**74.8**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**51.1**	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

NEW-6

E211060-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/12/22	
Toluene	ND	0.0250	1	11/11/22	11/12/22	
o-Xylene	ND	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/12/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/12/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/12/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*122 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	ND	20.0	1	11/11/22	11/11/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

NEW-7

E211060-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/12/22	
Toluene	ND	0.0250	1	11/11/22	11/12/22	
o-Xylene	ND	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/12/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/12/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246066
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/12/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*11/11/22*	*11/12/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246079
Diesel Range Organics (C10-C28)	**101**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246076
Chloride	**572**	20.0	1	11/11/22	11/11/22	

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246066-BLK1)									Prepared: 11/11/22 Analyzed: 11/11/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2246066-BS1)									Prepared: 11/11/22 Analyzed: 11/11/22
Benzene	2.56	0.0250	2.50		102	70-130			
Ethylbenzene	2.65	0.0250	2.50		106	70-130			
Toluene	2.54	0.0250	2.50		102	70-130			
o-Xylene	2.53	0.0250	2.50		101	70-130			
p,m-Xylene	4.99	0.0500	5.00		99.8	70-130			
Total Xylenes	7.52	0.0250	7.50		100	70-130			
Surrogate: Bromofluorobenzene	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			
LCS Dup (2246066-BSD1)									Prepared: 11/11/22 Analyzed: 11/11/22
Benzene	2.53	0.0250	2.50		101	70-130	1.02	23	
Ethylbenzene	2.66	0.0250	2.50		106	70-130	0.546	27	
Toluene	2.54	0.0250	2.50		102	70-130	0.0393	24	
o-Xylene	2.52	0.0250	2.50		101	70-130	0.336	27	
p,m-Xylene	5.02	0.0500	5.00		100	70-130	0.470	27	
Total Xylenes	7.54	0.0250	7.50		101	70-130	0.199	27	
Surrogate: Bromofluorobenzene	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246066-BLK1)									Prepared: 11/11/22 Analyzed: 11/11/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2246066-BS2)									Prepared: 11/11/22 Analyzed: 11/11/22
Gasoline Range Organics (C6-C10)	54.9	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.517*		*0.500*		*103*	*70-130*			
LCS Dup (2246066-BSD2)									Prepared: 11/11/22 Analyzed: 11/11/22
Gasoline Range Organics (C6-C10)	54.9	20.0	50.0		110	70-130	0.0556	20	
Surrogate: Bromofluorobenzene	*0.521*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.483*		*0.500*		*96.5*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246079-BLK1)									Prepared: 11/14/22 Analyzed: 11/14/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*59.2*		*50.0*		*118*	*50-200*			
LCS (2246079-BS1)									Prepared: 11/14/22 Analyzed: 11/14/22
Diesel Range Organics (C10-C28)	186	25.0	250		74.3	38-132			
Surrogate: n-Nonane	*51.9*		*50.0*		*104*	*50-200*			
Matrix Spike (2246079-MS1)				**Source: E211060-04**					Prepared: 11/14/22 Analyzed: 11/16/22
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	*64.6*		*50.0*		*129*	*50-200*			
Matrix Spike Dup (2246079-MSD1)				**Source: E211060-04**					Prepared: 11/14/22 Analyzed: 11/14/22
Diesel Range Organics (C10-C28)	205	25.0	250	ND	82.1	38-132	24.5	20	R3
Surrogate: n-Nonane	*57.7*		*50.0*		*115*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:13:46PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246076-BLK1)									Prepared: 11/11/22 Analyzed: 11/16/22
Chloride	ND	20.0							
LCS (2246076-BS1)									Prepared: 11/11/22 Analyzed: 11/11/22
Chloride	264	20.0	250		106	90-110			
Matrix Spike (2246076-MS1)				**Source: E211060-01**					Prepared: 11/11/22 Analyzed: 11/11/22
Chloride	587	20.0	250	198	156	80-120			M2
Matrix Spike Dup (2246076-MSD1)				**Source: E211060-01**					Prepared: 11/11/22 Analyzed: 11/11/22
Chloride	573	20.0	250	198	150	80-120	2.39	20	M2

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/22 17:13

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Project Information | Chain of Custody | Page 1 of 7

EXCAVATION CONFIRMATION SAMPLING

Client: EOG
Project: ~~Dee 36 State Com Battery Ex. Conf. Samp.~~ KS
Project Manager: Greg Crabtree
Address:
City, State, Zip
Phone:
Email: All Enviro
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E211040
Job Number 19034-0012

TAT: 1D | 2D | 3D (X) | Standard

EPA Program: CWA | SDWA | RCRA (x)

State: NM (x) | CO | UT | AZ | TX

Analysis and Method: BDGOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
12:01	11.9.22	S	1	NTW4-1	1	X	
12:04	"	"	"	NTW4-2	2	"	
12:09				NTW4-3	3		
12:13				NTB4-1	4		
12:15				NTB4-2	5		
12:19				NTB4-3	6		
12:30				EW4-1	7		
12:37				EW4-2	8		
12:43				~~EW4-3~~ (KS) SW4-1	9		
12:46	"	"	"	~~EW4-4~~ (KS) SW4-2	10	"	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Kholeton Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11.11.22	8:30	[signature]	11/11/22	8:31
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

EXCAVATION CONFIRMATION SAMPLING

Client: EOG ICS
Project: ~~Dee 36 State Com Battery Ex. Conf. Samp.~~
Project Manager: Greg Crabtree
Address:
City, State, Zip
Phone:
Email: All Enviro
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only: Lab WO# E211060 | Job Number 19034-0012

TAT: 1D | 2D | 3D (X) | Standard

EPA Program: CWA | SDWA | RCRA (x)

State: NM (x) | CO | UT | AZ | TX

Analysis and Method: BDGOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
12:50	11.9.22	S	1	SW4-3	11	X	
13:06				WW4-1	12		
13:15				WW4-2	13		
13:35				NEW-1	14		
13:49				NEW-2	15		
13:58				NEW-3	16		
14:10				NEW-4	17		
14:22				NEW-5	18		
14:31				NEW-6	19		
14:44				NEW-7	20		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Kholeton Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11.11.22	8:30		11/11/22	8:31
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 11/14/2022 8:43:44AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	11/11/22 08:31	Work Order ID:	E211060
Phone:	(575) 748-4217	Date Logged In:	11/11/22 08:53	Logged In By:	Caitlin Christian
Email:		Due Date:	11/16/22 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes
2. Does the number of samples per sampling site location match the COC	Yes
3. Were samples dropped off by client or carrier?	Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Kholeton Sanchez

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Project has been separated into 3 reports due to sample volume. Workorders are as follows E211060/E211061/E211062.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Excavation Confirmation Sampling
Work Order:	E211062
Job Number:	19034-0012
Received:	11/11/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/16/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/16/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Excavation Confirmation Sampling
Workorder: E211062
Date Received: 11/11/2022 8:31:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/11/2022 8:31:00AM, under the Project Name: Excavation Confirmation Sampling.

The analytical test results summarized in this report with the Project Name: Excavation Confirmation Sampling apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Laboratory Administrator
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Envirotech Web Address: www.envirotech-inc.com

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Released to Imaging: 11/25/2024 8:05:26 AM

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Sample Summary

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/22 17:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
B-1	E211062-01A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-2	E211062-02A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-3	E211062-03A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-4	E211062-04A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-5	E211062-05A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-6	E211062-06A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-7	E211062-07A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-8	E211062-08A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-9	E211062-09A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-10	E211062-10A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-11	E211062-11A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-12	E211062-12A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-13	E211062-13A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-14	E211062-14A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-15	E211062-15A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-16	E211062-16A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-17	E211062-17A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-18	E211062-18A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-19	E211062-19A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-20	E211062-20A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-21	E211062-21A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-22	E211062-22A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-23	E211062-23A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.
B-24	E211062-24A	Soil	11/10/22	11/11/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

B-1

E211062-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/12/22	
Toluene	ND	0.0250	1	11/11/22	11/12/22	
o-Xylene	ND	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/12/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.4 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**674**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**248**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	**35.6**	20.0	1	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

B-2

E211062-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**0.0304**	0.0250	1	11/11/22	11/12/22	
Toluene	ND	0.0250	1	11/11/22	11/12/22	
o-Xylene	**0.0427**	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	**0.146**	0.0500	1	11/11/22	11/12/22	
Total Xylenes	**0.188**	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.2 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**994**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**322**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

B-3

E211062-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**0.866**	0.0250	1	11/11/22	11/12/22	
Toluene	**0.192**	0.0250	1	11/11/22	11/12/22	
o-Xylene	**1.25**	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	**6.24**	0.0500	1	11/11/22	11/12/22	
Total Xylenes	**7.49**	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*116 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	**127**	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*110 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**3450**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**887**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*127 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.0 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**0.277**	0.0250	1	11/11/22	11/12/22	
Toluene	**0.0549**	0.0250	1	11/11/22	11/12/22	
o-Xylene	**0.469**	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	**2.02**	0.0500	1	11/11/22	11/12/22	
Total Xylenes	**2.49**	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	**53.7**	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**2720**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**707**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**0.284**	0.0250	1	11/11/22	11/12/22	
Toluene	**0.0483**	0.0250	1	11/11/22	11/12/22	
o-Xylene	**0.462**	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	**1.82**	0.0500	1	11/11/22	11/12/22	
Total Xylenes	**2.28**	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	**50.8**	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**2390**	25.0	1	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**599**	50.0	1	11/14/22	11/16/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**0.761**	0.0250	1	11/11/22	11/12/22	
Toluene	**0.220**	0.0250	1	11/11/22	11/12/22	
o-Xylene	**1.58**	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	**5.43**	0.0500	1	11/11/22	11/12/22	
Total Xylenes	**7.01**	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	**114**	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*106 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**3910**	50.0	2	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**975**	100	2	11/14/22	11/16/22	
Surrogate: n-Nonane		*125 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.1 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**821**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**201**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*83.7 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**0.0616**	0.0250	1	11/11/22	11/12/22	
Toluene	**0.0536**	0.0250	1	11/11/22	11/12/22	
o-Xylene	**0.0251**	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	**0.0532**	0.0500	1	11/11/22	11/12/22	
Total Xylenes	**0.0783**	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.3 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**53.7**	25.0	1	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/16/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**0.294**	0.0250	1	11/11/22	11/12/22	
Toluene	**0.0378**	0.0250	1	11/11/22	11/12/22	
o-Xylene	**0.417**	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	**1.77**	0.0500	1	11/11/22	11/12/22	
Total Xylenes	**2.18**	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	**44.3**	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.0 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**2150**	25.0	1	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**598**	50.0	1	11/14/22	11/16/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**2.28**	0.0250	1	11/11/22	11/12/22	
Toluene	**0.121**	0.0250	1	11/11/22	11/12/22	
o-Xylene	**1.16**	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	**8.06**	0.0500	1	11/11/22	11/12/22	
Total Xylenes	**9.22**	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*116 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	**122**	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**2410**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**541**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.6 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**536**	25.0	1	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**183**	50.0	1	11/14/22	11/16/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**0.0584**	0.0250	1	11/11/22	11/12/22	
Toluene	ND	0.0250	1	11/11/22	11/12/22	
o-Xylene	**0.108**	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/12/22	
Total Xylenes	**0.108**	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.2 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**68.6**	25.0	1	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/16/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	**39.8**	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**0.308**	0.0250	1	11/11/22	11/12/22	
Toluene	**0.202**	0.0250	1	11/11/22	11/12/22	
o-Xylene	**0.268**	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	**1.67**	0.0500	1	11/11/22	11/12/22	
Total Xylenes	**1.94**	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	**75.1**	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**3820**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**994**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	**0.0373**	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	**0.0442**	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	**0.0751**	0.0500	1	11/11/22	11/15/22	
Total Xylenes	**0.119**	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.3 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**1320**	25.0	1	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**411**	50.0	1	11/14/22	11/16/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	**23.5**	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**0.0648**	0.0250	1	11/11/22	11/12/22	
Toluene	ND	0.0250	1	11/11/22	11/12/22	
o-Xylene	**0.0287**	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	**0.132**	0.0500	1	11/11/22	11/12/22	
Total Xylenes	**0.161**	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.0 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**1070**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**318**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**0.0293**	0.0250	1	11/11/22	11/12/22	
Toluene	ND	0.0250	1	11/11/22	11/12/22	
o-Xylene	ND	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/12/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.5 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**35.3**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	**22.1**	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**0.294**	0.0250	1	11/11/22	11/12/22	
Toluene	**0.149**	0.0250	1	11/11/22	11/12/22	
o-Xylene	**0.270**	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	**1.74**	0.0500	1	11/11/22	11/12/22	
Total Xylenes	**2.01**	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	**71.4**	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**4320**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**1310**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	ND	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	ND	0.0500	2	11/11/22	11/15/22	
Ethylbenzene	**2.98**	0.0500	2	11/11/22	11/15/22	
Toluene	**0.0920**	0.0500	2	11/11/22	11/15/22	
o-Xylene	**2.38**	0.0500	2	11/11/22	11/15/22	
p,m-Xylene	**8.23**	0.100	2	11/11/22	11/15/22	
Total Xylenes	**10.6**	0.0500	2	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*118 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	**128**	40.0	2	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**4150**	50.0	2	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**1020**	100	2	11/14/22	11/16/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	**46.2**	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Benzene	**0.0370**	0.0250	1	11/11/22	11/12/22	
Ethylbenzene	**2.44**	0.0250	1	11/11/22	11/12/22	
Toluene	**0.571**	0.0250	1	11/11/22	11/12/22	
o-Xylene	**4.36**	0.0250	1	11/11/22	11/12/22	
p,m-Xylene	**20.1**	0.0500	1	11/11/22	11/12/22	
Total Xylenes	**24.4**	0.0250	1	11/11/22	11/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246068
Gasoline Range Organics (C6-C10)	**322**	20.0	1	11/11/22	11/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*128 %*	*70-130*	*11/11/22*	*11/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246084
Diesel Range Organics (C10-C28)	**2990**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**709**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*85.6 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246086
Chloride	**66.2**	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246071
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	**0.0336**	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	**0.285**	0.0500	1	11/11/22	11/15/22	
Total Xylenes	**0.318**	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246083
Diesel Range Organics (C10-C28)	**992**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**580**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*137 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246089
Chloride	**1390**	20.0	1	11/11/22	11/16/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246071
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246083
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/16/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246089
Chloride	**25.3**	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246071
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.1 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246083
Diesel Range Organics (C10-C28)	**2800**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**982**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246089
Chloride	**24.8**	20.0	1	11/11/22	11/16/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

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E211062-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246071
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.4 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246083
Diesel Range Organics (C10-C28)	**3290**	25.0	1	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**1370**	50.0	1	11/14/22	11/16/22	
Surrogate: n-Nonane		*136 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246089
Chloride	ND	20.0	1	11/11/22	11/16/22	

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246068-BLK1)									Prepared: 11/11/22 Analyzed: 11/12/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.90*		*8.00*		*98.7*	*70-130*			
LCS (2246068-BS1)									Prepared: 11/11/22 Analyzed: 11/12/22
Benzene	6.25	0.0250	5.00		125	70-130			
Ethylbenzene	4.95	0.0250	5.00		99.0	70-130			
Toluene	5.31	0.0250	5.00		106	70-130			
o-Xylene	5.04	0.0250	5.00		101	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.18*		*8.00*		*102*	*70-130*			
LCS Dup (2246068-BSD1)									Prepared: 11/11/22 Analyzed: 11/12/22
Benzene	5.90	0.0250	5.00		118	70-130	5.85	20	
Ethylbenzene	4.63	0.0250	5.00		92.6	70-130	6.66	20	
Toluene	4.98	0.0250	5.00		99.6	70-130	6.34	20	
o-Xylene	4.72	0.0250	5.00		94.3	70-130	6.59	20	
p,m-Xylene	9.40	0.0500	10.0		94.0	70-130	6.68	20	
Total Xylenes	14.1	0.0250	15.0		94.1	70-130	6.65	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.46*		*8.00*		*106*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246071-BLK1)									Prepared: 11/11/22 Analyzed: 11/14/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.32*		*8.00*		*104*	*70-130*			
LCS (2246071-BS1)									Prepared: 11/11/22 Analyzed: 11/14/22
Benzene	5.22	0.0250	5.00		104	70-130			
Ethylbenzene	5.30	0.0250	5.00		106	70-130			
Toluene	5.41	0.0250	5.00		108	70-130			
o-Xylene	5.43	0.0250	5.00		109	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	16.2	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.22*		*8.00*		*103*	*70-130*			
LCS Dup (2246071-BSD1)									Prepared: 11/11/22 Analyzed: 11/15/22
Benzene	4.82	0.0250	5.00		96.5	70-130	7.88	20	
Ethylbenzene	4.91	0.0250	5.00		98.2	70-130	7.63	20	
Toluene	5.01	0.0250	5.00		100	70-130	7.72	20	
o-Xylene	5.03	0.0250	5.00		101	70-130	7.74	20	
p,m-Xylene	9.95	0.0500	10.0		99.5	70-130	7.48	20	
Total Xylenes	15.0	0.0250	15.0		99.8	70-130	7.57	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.14*		*8.00*		*102*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246068-BLK1)									Prepared: 11/11/22 Analyzed: 11/12/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.76*		*8.00*		*84.5*	*70-130*			
LCS (2246068-BS2)									Prepared: 11/11/22 Analyzed: 11/12/22
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0		82.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.90*		*8.00*		*86.2*	*70-130*			
LCS Dup (2246068-BSD2)									Prepared: 11/11/22 Analyzed: 11/12/22
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130	19.4	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.63*		*8.00*		*82.9*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246071-BLK1)									Prepared: 11/11/22 Analyzed: 11/14/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.66*		*8.00*		*95.7*	*70-130*			
LCS (2246071-BS2)									Prepared: 11/11/22 Analyzed: 11/15/22
Gasoline Range Organics (C6-C10)	44.2	20.0	50.0		88.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.68*		*8.00*		*96.0*	*70-130*			
LCS Dup (2246071-BSD2)									Prepared: 11/11/22 Analyzed: 11/15/22
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0		90.0	70-130	1.71	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.90*		*8.00*		*98.8*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246083-BLK1)									Prepared: 11/14/22 Analyzed: 11/15/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*59.0*		*50.0*		*118*	*50-200*			
LCS (2246083-BS1)									Prepared: 11/14/22 Analyzed: 11/15/22
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	*61.7*		*50.0*		*123*	*50-200*			
Matrix Spike (2246083-MS1)				**Source: E211065-10**					Prepared: 11/14/22 Analyzed: 11/15/22
Diesel Range Organics (C10-C28)	271	25.0	250	ND	109	38-132			
Surrogate: n-Nonane	*63.4*		*50.0*		*127*	*50-200*			
Matrix Spike Dup (2246083-MSD1)				**Source: E211065-10**					Prepared: 11/14/22 Analyzed: 11/15/22
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132	3.90	20	
Surrogate: n-Nonane	*65.8*		*50.0*		*132*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246084-BLK1)									Prepared: 11/14/22 Analyzed: 11/15/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*50-200*			
LCS (2246084-BS1)									Prepared: 11/14/22 Analyzed: 11/15/22
Diesel Range Organics (C10-C28)	232	25.0	250		92.7	38-132			
Surrogate: n-Nonane	*54.5*		*50.0*		*109*	*50-200*			
Matrix Spike (2246084-MS1)				**Source: E211062-17**					Prepared: 11/14/22 Analyzed: 11/15/22
Diesel Range Organics (C10-C28)	250	25.0	250	35.3	86.1	38-132			
Surrogate: n-Nonane	*52.8*		*50.0*		*106*	*50-200*			
Matrix Spike Dup (2246084-MSD1)				**Source: E211062-17**					Prepared: 11/14/22 Analyzed: 11/15/22
Diesel Range Organics (C10-C28)	252	25.0	250	35.3	86.7	38-132	0.629	20	
Surrogate: n-Nonane	*53.6*		*50.0*		*107*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246086-BLK1)									Prepared: 11/11/22 Analyzed: 11/14/22
Chloride	ND	20.0							
LCS (2246086-BS1)									Prepared: 11/11/22 Analyzed: 11/14/22
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2246086-MS1)				**Source: E211062-04**					Prepared: 11/11/22 Analyzed: 11/14/22
Chloride	260	20.0	250	ND	104	80-120			
Matrix Spike Dup (2246086-MSD1)				**Source: E211062-04**					Prepared: 11/11/22 Analyzed: 11/14/22
Chloride	263	20.0	250	ND	105	80-120	0.804	20	

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/2022 5:55:35PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246089-BLK1)									Prepared: 11/11/22 Analyzed: 11/15/22
Chloride	ND	20.0							
LCS (2246089-BS1)									Prepared: 11/11/22 Analyzed: 11/15/22
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2246089-MS1)				**Source: E211062-22**					Prepared: 11/11/22 Analyzed: 11/15/22
Chloride	278	20.0	250	25.3	101	80-120			
Matrix Spike Dup (2246089-MSD1)				**Source: E211062-22**					Prepared: 11/11/22 Analyzed: 11/15/22
Chloride	279	20.0	250	25.3	102	80-120	0.328	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/16/22 17:55

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Excavation Confirmation Sampling

Client: EOG KS
Project: ~~Dee 36 State Com Battery Ex. Conf. Samp.~~
Project Manager: Greg Crabtree
Address:
City, State, Zip
Phone:
Email: All Enviro
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E211062
Job Number 19034-0012

TAT: 1D | 2D | 3D | Standard — 3D: X

EPA Program: CWA | SDWA | RCRA: X

State: NM: X | CO | UT | AZ | TX

Analysis and Method: BDGOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
11:14	11.10.22	S	1	B-1	1	X	
11:16	"	"	"	B-2	2	"	
11:20				B-3	3		
11:24				B-4	4		
11:30				B-5	5		
11:34				B-6	6		
11:37				B-7	7		
11:39				B-8	8		
11:42				B-9	9		
11:45	"	"	"	B-10	10	"	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Kholeton Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11.11.22	8:30	[signature]	11/11/22	8:31
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

EXCAVATION CONFIRMATION SAMPLING

Client: EOG KS ↑
Project: ~~Dee 36 State Com Battery Ex. Conf. Samp.~~
Project Manager: Greg Crabtree
Address:
City, State, Zip
Phone:
Email: All Enviro
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E211062
Job Number 19034-0012

TAT
1D | 2D | 3D | Standard
 | | X |

EPA Program
CWA | SDWA | RCRA
 | | x

State
NM | CO | UT | AZ | TX
x

Analysis and Method: BDGOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
11:47	11.10.22	S	1	B-11	11	X	
11:50	"	"	"	B-12	12	"	
11:52	"	"	"	B-13	13	"	
11:56	"	"	"	B-14	14	"	
11:59	"	"	"	B-15	15	"	
12:01	"	"	"	B-16	16	"	
12:04	"	"	"	B-17	17	"	
12:06	"	"	"	B-18	18	"	
12:09	"	"	"	B-19	19	"	
12:15	"	"	"	B-20	20	"	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Kholeton Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11.11.22	8:30	[signature]	11/11/22	8.31
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

EXCAVATION CONFIRMATION SAMPLING

Client: EOG KS
Project: ~~Dee 36 State Com Battery Ex. Conf. Samp.~~
Project Manager: Greg Crabtree
Address:
City, State, Zip
Phone:
Email: All Enviro
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only: Lab WO# E211062 | Job Number 19034-0012
TAT: 1D | 2D | 3D (X) | Standard
EPA Program: CWA | SDWA | RCRA (x)
State: NM (x) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Analysis and Method	Remarks
12:18	11.10.22	S	1	B-21	21	X		
12:25	"	"	"	B-22	22	"		
12:27	"	"	"	B-23	23	"		
12:30	"	"	"	B-24	24	"		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Kholeton Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11.11.22	8:30	[signature]	11/11/22	8:31
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 11/14/2022 8:45:27AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	11/11/22 08:31	Work Order ID:	E211062
Phone:	(575) 748-4217	Date Logged In:	11/11/22 09:00	Logged In By:	Caitlin Christian
Email:		Due Date:	11/16/22 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes
2. Does the number of samples per sampling site location match the COC	Yes
3. Were samples dropped off by client or carrier?	Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Kholeton Sanchez

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No
29. Was a subcontract laboratory specified by the client and if so who?	NA

Subcontract Lab: na

Comments/Resolution

Project has been separated into 3 reports due to sample volume. Workorders are as follows E211060/E211061/E211062.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Excavation Confirmation Sampling
Work Order:	E211061
Job Number:	19034-0012
Received:	11/11/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/17/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/17/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Excavation Confirmation Sampling
Workorder: E211061
Date Received: 11/11/2022 8:31:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/11/2022 8:31:00AM, under the Project Name: Excavation Confirmation Sampling.

The analytical test results summarized in this report with the Project Name: Excavation Confirmation Sampling apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
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Cell: 505-320-4759
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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/22 10:34

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
NEW-8	E211061-01A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
NEW-9	E211061-02A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
EEW-1	E211061-03A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
EEW-2	E211061-04A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
EEW-3	E211061-05A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
EEW-4	E211061-06A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
EEW-5	E211061-07A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SEW-1	E211061-08A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SEW-2	E211061-09A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SEW-3	E211061-10A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SEW-4	E211061-11A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SEW-5	E211061-12A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SEW-6	E211061-13A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SEW-7	E211061-14A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SEW-8	E211061-15A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SEW-9	E211061-16A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
WEW-1	E211061-17A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
WEW-2	E211061-18A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
WEW-3	E211061-19A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

NEW-8

E211061-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	**0.0314**	0.0250	1	11/11/22	11/14/22	
Toluene	ND	0.0250	1	11/11/22	11/14/22	
o-Xylene	**0.0280**	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	**0.213**	0.0500	1	11/11/22	11/14/22	
Total Xylenes	**0.241**	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.5 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**3480**	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	**1080**	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*144 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**1900**	40.0	2	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

NEW-9

E211061-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	**0.0273**	0.0250	1	11/11/22	11/14/22	
Toluene	ND	0.0250	1	11/11/22	11/14/22	
o-Xylene	ND	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	**0.193**	0.0500	1	11/11/22	11/14/22	
Total Xylenes	**0.193**	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.6 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**1600**	25.0	1	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**524**	50.0	1	11/14/22	11/16/22	
Surrogate: n-Nonane		*147 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**3290**	40.0	2	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

EEW-1

E211061-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/14/22	
Toluene	ND	0.0250	1	11/11/22	11/14/22	
o-Xylene	ND	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/14/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.9 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.9 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**1980**	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	**833**	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*143 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**1560**	40.0	2	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

EEW-2

E211061-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	**0.0381**	0.0250	1	11/11/22	11/14/22	
Toluene	**0.0296**	0.0250	1	11/11/22	11/14/22	
o-Xylene	**0.0471**	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/14/22	
Total Xylenes	**0.0471**	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.9 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**31.7**	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*124 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**3460**	40.0	2	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

EEW-3

E211061-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/14/22	
Toluene	ND	0.0250	1	11/11/22	11/14/22	
o-Xylene	ND	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/14/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.8 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**417**	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	**190**	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*124 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**157**	20.0	1	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

EEW-4

E211061-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/14/22	
Toluene	ND	0.0250	1	11/11/22	11/14/22	
o-Xylene	ND	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/14/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.7 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*119 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**50.8**	20.0	1	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

EEW-5

E211061-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/14/22	
Toluene	ND	0.0250	1	11/11/22	11/14/22	
o-Xylene	ND	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/14/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.3 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/22	11/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/14/22	
Surrogate: n-Nonane		*127 %*	*50-200*	*11/14/22*	*11/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**54.7**	20.0	1	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

SEW-1

E211061-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	**0.253**	0.0250	1	11/11/22	11/14/22	
Toluene	**0.117**	0.0250	1	11/11/22	11/14/22	
o-Xylene	**0.215**	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	**1.16**	0.0500	1	11/11/22	11/14/22	
Total Xylenes	**1.38**	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	**49.0**	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.9 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**14500**	500	20	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**4190**	1000	20	11/14/22	11/16/22	
Surrogate: n-Nonane		*151 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	ND	20.0	1	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

SEW-2

E211061-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	**0.339**	0.0250	1	11/11/22	11/14/22	
Toluene	**0.219**	0.0250	1	11/11/22	11/14/22	
o-Xylene	**0.295**	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	**2.01**	0.0500	1	11/11/22	11/14/22	
Total Xylenes	**2.30**	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	**91.8**	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*111 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**10500**	250	10	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**2560**	500	10	11/14/22	11/16/22	
Surrogate: n-Nonane		*185 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**23.9**	20.0	1	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

SEW-3

E211061-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	**0.100**	0.0500	1	11/11/22	11/15/22	
Total Xylenes	**0.100**	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.1 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**853**	25.0	1	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**227**	50.0	1	11/14/22	11/16/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**137**	20.0	1	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

SEW-4

E211061-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	**0.164**	0.0250	1	11/11/22	11/14/22	
Toluene	ND	0.0250	1	11/11/22	11/14/22	
o-Xylene	**0.0878**	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	**0.884**	0.0500	1	11/11/22	11/14/22	
Total Xylenes	**0.972**	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*117 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	**36.8**	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**5250**	125	5	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**1340**	250	5	11/14/22	11/16/22	
Surrogate: n-Nonane		*141 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**52.4**	20.0	1	11/11/22	11/14/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

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E211061-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	**0.128**	0.0250	1	11/11/22	11/14/22	
Toluene	**0.0440**	0.0250	1	11/11/22	11/14/22	
o-Xylene	**0.108**	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	**1.77**	0.0500	1	11/11/22	11/14/22	
Total Xylenes	**1.88**	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*113 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	**47.1**	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**7460**	250	10	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**2070**	500	10	11/14/22	11/16/22	
Surrogate: n-Nonane		*136 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**117**	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

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E211061-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	**0.658**	0.0250	1	11/11/22	11/14/22	
Toluene	**0.328**	0.0250	1	11/11/22	11/14/22	
o-Xylene	**1.13**	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	**11.7**	0.0500	1	11/11/22	11/14/22	
Total Xylenes	**12.8**	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*124 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	**190**	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*117 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**9670**	250	10	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**2370**	500	10	11/14/22	11/16/22	
Surrogate: n-Nonane		*187 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**266**	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

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E211061-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	**0.0550**	0.0500	1	11/11/22	11/15/22	
Total Xylenes	**0.0550**	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.1 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**6000**	125	5	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	**1690**	250	5	11/14/22	11/16/22	
Surrogate: n-Nonane		*123 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	ND	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

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E211061-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	**0.0336**	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*76.7 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/16/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/14/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	ND	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

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E211061-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/14/22	
Toluene	ND	0.0250	1	11/11/22	11/14/22	
o-Xylene	ND	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/14/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.0 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*96.3 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**25.7**	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

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E211061-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/14/22	
Toluene	ND	0.0250	1	11/11/22	11/14/22	
o-Xylene	ND	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/14/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.9 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**771**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**299**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**51.9**	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

WEW-2

E211061-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/14/22	
Toluene	ND	0.0250	1	11/11/22	11/14/22	
o-Xylene	ND	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/14/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.8 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**26.4**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	**30.0**	20.0	1	11/11/22	11/15/22	

Sample Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

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E211061-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Benzene	ND	0.0250	1	11/11/22	11/14/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/14/22	
Toluene	ND	0.0250	1	11/11/22	11/14/22	
o-Xylene	**0.0371**	0.0250	1	11/11/22	11/14/22	
p,m-Xylene	**0.222**	0.0500	1	11/11/22	11/14/22	
Total Xylenes	**0.259**	0.0250	1	11/11/22	11/14/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.3 %*	*70-130*	*11/11/22*	*11/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246080
Diesel Range Organics (C10-C28)	**1350**	25.0	1	11/14/22	11/15/22	
Oil Range Organics (C28-C36)	**389**	50.0	1	11/14/22	11/15/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*11/14/22*	*11/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246085
Chloride	ND	20.0	1	11/11/22	11/15/22	

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246067-BLK1)									Prepared: 11/11/22 Analyzed: 11/14/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.00*		*8.00*		*99.9*	*70-130*			
LCS (2246067-BS1)									Prepared: 11/11/22 Analyzed: 11/14/22
Benzene	6.18	0.0250	5.00		124	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.2	70-130			
Toluene	5.29	0.0250	5.00		106	70-130			
o-Xylene	5.05	0.0250	5.00		101	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	ND	0.0250	15.0			70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.32*		*8.00*		*104*	*70-130*			
LCS Dup (2246067-BSD1)									Prepared: 11/11/22 Analyzed: 11/14/22
Benzene	5.64	0.0250	5.00		113	70-130	9.18	20	
Ethylbenzene	4.53	0.0250	5.00		90.6	70-130	8.98	20	
Toluene	4.83	0.0250	5.00		96.5	70-130	9.12	20	
o-Xylene	4.61	0.0250	5.00		92.2	70-130	9.10	20	
p,m-Xylene	9.22	0.0500	10.0		92.2	70-130	8.98	20	
Total Xylenes	ND	0.0250	15.0			70-130		20	
Surrogate: 4-Bromochlorobenzene-PID	*8.01*		*8.00*		*100*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246067-BLK1)									Prepared: 11/11/22 Analyzed: 11/14/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.74*		*8.00*		*84.3*	*70-130*			
LCS (2246067-BS2)									Prepared: 11/11/22 Analyzed: 11/14/22
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0		95.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.77*		*8.00*		*84.7*	*70-130*			
LCS Dup (2246067-BSD2)									Prepared: 11/11/22 Analyzed: 11/14/22
Gasoline Range Organics (C6-C10)	46.9	20.0	50.0		93.9	70-130	1.40	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.67*		*8.00*		*83.4*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246080-BLK1)									Prepared: 11/14/22 Analyzed: 11/14/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.8*		*50.0*		*118*	*50-200*			
LCS (2246080-BS1)									Prepared: 11/14/22 Analyzed: 11/14/22
Diesel Range Organics (C10-C28)	245	25.0	250		98.1	38-132			
Surrogate: n-Nonane	*53.2*		*50.0*		*106*	*50-200*			
Matrix Spike (2246080-MS1)				**Source: E211061-10**					Prepared: 11/14/22 Analyzed: 11/14/22
Diesel Range Organics (C10-C28)	778	25.0	250	853	NR	38-132			M2
Surrogate: n-Nonane	*53.0*		*50.0*		*106*	*50-200*			
Matrix Spike Dup (2246080-MSD1)				**Source: E211061-10**					Prepared: 11/14/22 Analyzed: 11/14/22
Diesel Range Organics (C10-C28)	848	25.0	250	853	NR	38-132	8.56	20	M2
Surrogate: n-Nonane	*53.7*		*50.0*		*107*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Excavation Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/2022 10:34:07AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2246085-BLK1)									Prepared: 11/11/22 Analyzed: 11/14/22
Chloride	ND	20.0							
LCS (2246085-BS1)									Prepared: 11/11/22 Analyzed: 11/14/22
Chloride	267	20.0	250		107	90-110			
Matrix Spike (2246085-MS1)				**Source: E211061-05**					Prepared: 11/11/22 Analyzed: 11/14/22
Chloride	379	20.0	250	157	89.1	80-120			
Matrix Spike Dup (2246085-MSD1)				**Source: E211061-05**					Prepared: 11/11/22 Analyzed: 11/14/22
Chloride	416	20.0	250	157	104	80-120	9.28	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Excavation Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/17/22 10:34

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Excavation Confirmation Sampling

Client: EOG	
Project: ~~Dee 36 State Com Battery Ex. Conf. Samp.~~ KS	
Project Manager: Greg Crabtree	
Address:	
City, State, Zip	
Phone:	
Email: All Enviro	
Report due by:	

Bill To

Attention:	
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO#	Job Number
E211061	19034-0012

TAT

1D	2D	3D	Standard
		X	

EPA Program

CWA	SDWA	RCRA
		x

State

NM	CO	UT	AZ	TX	
x					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Analysis and Method	Remarks
14:59	11.9.22	S	1	NEW-8	1	X		
15:15	"	"	"	NEW-9	2	"		
15:24				EEW-1	3			
15:35				EEW-2	4			
15:41				EEW-3	5			
15:49				EEW-4	6			
15:52				EEW-5	7			
15:59				SEW-1	8			
16:07				SEW-2	9			
16:15	"	"	"	SEW-3	10	"		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Kholeton Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11.11.22	8:30	[signature]	11/11/22	8:31
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Project Information | Chain of Custody | Page 4 of 7

EXCAVATION CONFIRMATION SAMPLING

Client: EOG	**Bill To**
Project: ~~Dec 36 State Com Battery~~ Ex. Conf. Samp. (KS)	Attention:
Project Manager: Greg Crabtree	Address:
Address:	City, State, Zip
City, State, Zip	Phone:
Phone:	Email:
Email: All Enviro	
Report due by:	

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
E211061	19034-0012			X			

Analysis and Method												RCRA	State					
													NM	CO	UT	AZ	TX	
													x					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
16:24	11.9.22	S	1	SEW-4	11	X	
16:29				SEW-5	12		
16:33				SEW-6	13		
16:35				SEW-7	14		
16:41				SEW-8	15		
16:48				SEW-9	16		
16:57				WEW-1	17		
16:59				WEW-2	18		
17:04				WEW-3	19		
					~~20~~		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Kholeton Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11.11.22	8:30		11/11/22	8:31
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 11/14/2022 8:44:43AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	11/11/22 08:31	Work Order ID:	E211061
Phone:	(575) 748-4217	Date Logged In:	11/11/22 08:57	Logged In By:	Caitlin Christian
Email:		Due Date:	11/16/22 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes
2. Does the number of samples per sampling site location match the COC	Yes
3. Were samples dropped off by client or carrier?	Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Kholeton Sanchez

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No
29. Was a subcontract laboratory specified by the client and if so who?	NA

Subcontract Lab: na

Comments/Resolution

Project has been separated into 3 reports due to sample volume. Workorders are as follows E211060/E211061/E211062.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Dee 36 Confirmation Sampling
Work Order:	E212060
Job Number:	19034-0012
Received:	12/9/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/14/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/14/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Dee 36 Confirmation Sampling
Workorder: E212060
Date Received: 12/9/2022 11:31:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/9/2022 11:31:00AM, under the Project Name: Dee 36 Confirmation Sampling.

The analytical test results summarized in this report with the Project Name: Dee 36 Confirmation Sampling apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Office: 505-632-1881
labadmin@envirotech-inc.com

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Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/22 12:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SEW-1 B	E212060-01A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.
SEW-2 B	E212060-02A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.
SEW-3 B	E212060-03A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.
SEW-4 B	E212060-04A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.
SEW-5 B	E212060-05A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.
SEW-6 B	E212060-06A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.
SEW-7 B	E212060-07A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.
SEW-8 B	E212060-08A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.
SEW-9 B	E212060-09A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.
WEW-3 B	E212060-10A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.
WW4-2 B	E212060-11A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
WW4-1 B	E212060-12A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
WW4B-1	E212060-13A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
SW4-2 B	E212060-14A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
NTB6-1	E212060-15A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
EW4-1 B	E212060-16A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
NEC-1	E212060-17A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
NEC-2	E212060-18A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
NEC-3	E212060-19A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
NEC-4	E212060-20A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
NEC-5	E212060-21A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
NEC-6	E212060-22A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
NEC4 - 1	E212060-23A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
NEC4 - 2	E212060-24A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.
NEC4 - 3	E212060-25A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

SEW-1 B

E212060-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/12/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/09/22*	*12/12/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	ND	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

SEW-2 B

E212060-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.5 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/12/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*12/09/22*	*12/12/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	ND	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

SEW-3 B

E212060-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/12/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*12/09/22*	*12/12/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**124**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

SEW-4 B

E212060-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.4 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/12/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/09/22*	*12/12/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**26.3**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

SEW-5 B

E212060-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/12/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*12/09/22*	*12/12/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**54.6**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

SEW-6 B

E212060-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/12/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/09/22*	*12/12/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**61.3**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

SEW-7 B

E212060-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/12/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/09/22*	*12/12/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**26.8**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

SEW-8 B

E212060-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.2 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/12/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*12/09/22*	*12/12/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**113**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

SEW-9 B

E212060-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.0 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/12/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/09/22*	*12/12/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	ND	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

WEW-3 B

E212060-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.2 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/12/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/09/22*	*12/12/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	ND	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

WW4-2 B

E212060-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.7 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	**45.0**	25.0	1	12/09/22	12/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/13/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/09/22*	*12/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**24.5**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

WW4-1 B

E212060-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.5 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/13/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/09/22*	*12/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	ND	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

WW4B-1

E212060-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	**33.9**	25.0	1	12/09/22	12/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/13/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*12/09/22*	*12/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**30.3**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

SW4-2 B

E212060-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	**154**	25.0	1	12/09/22	12/13/22	
Oil Range Organics (C28-C36)	**153**	50.0	1	12/09/22	12/13/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/09/22*	*12/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**30.1**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

NTB6-1

E212060-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	**176**	25.0	1	12/09/22	12/13/22	
Oil Range Organics (C28-C36)	**307**	50.0	1	12/09/22	12/13/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/09/22*	*12/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**39.1**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

EW4-1 B

E212060-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/13/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/09/22*	*12/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	ND	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

NEC-1

E212060-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.0 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/13/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/09/22*	*12/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**637**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

NEC-2

E212060-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.0 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/13/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/09/22*	*12/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**636**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

NEC-3

E212060-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/13/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*12/09/22*	*12/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**667**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

NEC-4

E212060-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Benzene	ND	0.0250	1	12/09/22	12/12/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/12/22	
Toluene	ND	0.0250	1	12/09/22	12/12/22	
o-Xylene	ND	0.0250	1	12/09/22	12/12/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/12/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250093
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.7 %*	*70-130*	*12/09/22*	*12/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250095
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/13/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*12/09/22*	*12/13/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251006
Chloride	**813**	20.0	1	12/12/22	12/12/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

NEC-5

E212060-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250094
Benzene	ND	0.0250	1	12/09/22	12/13/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/13/22	
Toluene	ND	0.0250	1	12/09/22	12/13/22	
o-Xylene	ND	0.0250	1	12/09/22	12/13/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/13/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/13/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*12/09/22*	*12/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250094
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/13/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*12/09/22*	*12/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250084
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22	
Surrogate: n-Nonane		*124 %*	*50-200*	*12/09/22*	*12/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251005
Chloride	**830**	40.0	2	12/12/22	12/13/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

NEC-6

E212060-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250094
Benzene	ND	0.0250	1	12/09/22	12/13/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/13/22	
Toluene	ND	0.0250	1	12/09/22	12/13/22	
o-Xylene	ND	0.0250	1	12/09/22	12/13/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/13/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/13/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*12/09/22*	*12/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250094
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/13/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.2 %*	*70-130*	*12/09/22*	*12/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250084
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*12/09/22*	*12/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251005
Chloride	**814**	40.0	2	12/12/22	12/13/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

NEC4 - 1

E212060-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250094
Benzene	ND	0.0250	1	12/09/22	12/13/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/13/22	
Toluene	ND	0.0250	1	12/09/22	12/13/22	
o-Xylene	ND	0.0250	1	12/09/22	12/13/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/13/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/13/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*12/09/22*	*12/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250094
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/13/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.2 %*	*70-130*	*12/09/22*	*12/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250084
Diesel Range Organics (C10-C28)	**683**	25.0	1	12/09/22	12/09/22	
Oil Range Organics (C28-C36)	**247**	50.0	1	12/09/22	12/09/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*12/09/22*	*12/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251005
Chloride	**33.5**	20.0	1	12/12/22	12/13/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

NEC4 - 2

E212060-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250094
Benzene	ND	0.0250	1	12/09/22	12/13/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/13/22	
Toluene	ND	0.0250	1	12/09/22	12/13/22	
o-Xylene	ND	0.0250	1	12/09/22	12/13/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/13/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/13/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*12/09/22*	*12/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250094
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/13/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*12/09/22*	*12/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250084
Diesel Range Organics (C10-C28)	**280**	25.0	1	12/09/22	12/09/22	
Oil Range Organics (C28-C36)	**119**	50.0	1	12/09/22	12/09/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*12/09/22*	*12/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251005
Chloride	**31.4**	20.0	1	12/12/22	12/13/22	

Sample Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

NEC4 - 3

E212060-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2250094
Benzene	ND	0.0250	1	12/09/22	12/13/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/13/22	
Toluene	ND	0.0250	1	12/09/22	12/13/22	
o-Xylene	ND	0.0250	1	12/09/22	12/13/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/13/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/13/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*12/09/22*	*12/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250094
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/13/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.0 %*	*70-130*	*12/09/22*	*12/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250084
Diesel Range Organics (C10-C28)	**183**	25.0	1	12/09/22	12/09/22	
Oil Range Organics (C28-C36)	**94.5**	50.0	1	12/09/22	12/09/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/09/22*	*12/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251005
Chloride	**37.8**	20.0	1	12/12/22	12/13/22	

QC Summary Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2250093-BLK1)									Prepared: 12/09/22 Analyzed: 12/12/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.12*		*8.00*		*102*	*70-130*			
LCS (2250093-BS1)									Prepared: 12/09/22 Analyzed: 12/12/22
Benzene	5.16	0.0250	5.00		103	70-130			
Ethylbenzene	5.41	0.0250	5.00		108	70-130			
Toluene	5.48	0.0250	5.00		110	70-130			
o-Xylene	5.56	0.0250	5.00		111	70-130			
p,m-Xylene	11.0	0.0500	10.0		110	70-130			
Total Xylenes	16.6	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.15*		*8.00*		*102*	*70-130*			
Matrix Spike (2250093-MS1)				**Source: E212060-02**					Prepared: 12/09/22 Analyzed: 12/12/22
Benzene	5.16	0.0250	5.00	ND	103	54-133			
Ethylbenzene	5.42	0.0250	5.00	ND	108	61-133			
Toluene	5.48	0.0250	5.00	ND	110	61-130			
o-Xylene	5.56	0.0250	5.00	ND	111	63-131			
p,m-Xylene	11.0	0.0500	10.0	ND	110	63-131			
Total Xylenes	16.6	0.0250	15.0	ND	110	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.21*		*8.00*		*103*	*70-130*			
Matrix Spike Dup (2250093-MSD1)				**Source: E212060-02**					Prepared: 12/09/22 Analyzed: 12/12/22
Benzene	5.10	0.0250	5.00	ND	102	54-133	1.23	20	
Ethylbenzene	5.35	0.0250	5.00	ND	107	61-133	1.34	20	
Toluene	5.41	0.0250	5.00	ND	108	61-130	1.34	20	
o-Xylene	5.49	0.0250	5.00	ND	110	63-131	1.33	20	
p,m-Xylene	10.8	0.0500	10.0	ND	108	63-131	1.39	20	
Total Xylenes	16.3	0.0250	15.0	ND	109	63-131	1.37	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.18*		*8.00*		*102*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2250094-BLK1)									Prepared: 12/09/22 Analyzed: 12/12/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.76*		*8.00*		*97.0*	*70-130*			
LCS (2250094-BS1)									Prepared: 12/09/22 Analyzed: 12/13/22
Benzene	3.83	0.0250	5.00		76.6	70-130			
Ethylbenzene	4.01	0.0250	5.00		80.3	70-130			
Toluene	4.09	0.0250	5.00		81.7	70-130			
o-Xylene	4.13	0.0250	5.00		82.7	70-130			
p,m-Xylene	8.14	0.0500	10.0		81.4	70-130			
Total Xylenes	12.3	0.0250	15.0		81.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.86*		*8.00*		*98.3*	*70-130*			
Matrix Spike (2250094-MS1)				**Source: E212060-23**					Prepared: 12/09/22 Analyzed: 12/13/22
Benzene	4.62	0.0250	5.00	ND	92.5	54-133			
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	61-133			
Toluene	4.92	0.0250	5.00	ND	98.4	61-130			
o-Xylene	4.99	0.0250	5.00	ND	99.9	63-131			
p,m-Xylene	9.82	0.0500	10.0	ND	98.2	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.83*		*8.00*		*97.9*	*70-130*			
Matrix Spike Dup (2250094-MSD1)				**Source: E212060-23**					Prepared: 12/09/22 Analyzed: 12/13/22
Benzene	4.05	0.0250	5.00	ND	80.9	54-133	13.3	20	
Ethylbenzene	4.23	0.0250	5.00	ND	84.6	61-133	13.6	20	
Toluene	4.31	0.0250	5.00	ND	86.1	61-130	13.3	20	
o-Xylene	4.37	0.0250	5.00	ND	87.4	63-131	13.3	20	
p,m-Xylene	8.57	0.0500	10.0	ND	85.7	63-131	13.6	20	
Total Xylenes	12.9	0.0250	15.0	ND	86.3	63-131	13.5	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.7*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2250093-BLK1)									Prepared: 12/09/22 Analyzed: 12/12/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.74*		*8.00*		*96.7*	*70-130*			
LCS (2250093-BS2)									Prepared: 12/09/22 Analyzed: 12/12/22
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0		97.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.84*		*8.00*		*98.0*	*70-130*			
Matrix Spike (2250093-MS2)				**Source: E212060-02**					Prepared: 12/09/22 Analyzed: 12/12/22
Gasoline Range Organics (C6-C10)	54.5	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.83*		*8.00*		*97.8*	*70-130*			
Matrix Spike Dup (2250093-MSD2)				**Source: E212060-02**					Prepared: 12/09/22 Analyzed: 12/12/22
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	70-130	6.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.77*		*8.00*		*97.1*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2250094-BLK1)									Prepared: 12/09/22 Analyzed: 12/12/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.68*		*8.00*		*96.1*	*70-130*			
LCS (2250094-BS2)									Prepared: 12/09/22 Analyzed: 12/13/22
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.89*		*8.00*		*98.6*	*70-130*			
Matrix Spike (2250094-MS2)				**Source: E212060-23**					Prepared: 12/09/22 Analyzed: 12/13/22
Gasoline Range Organics (C6-C10)	49.6	20.0	50.0	ND	99.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.99*		*8.00*		*99.9*	*70-130*			
Matrix Spike Dup (2250094-MSD2)				**Source: E212060-23**					Prepared: 12/09/22 Analyzed: 12/13/22
Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130	1.10	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.76*		*8.00*		*97.0*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2250084-BLK1)									Prepared: 12/09/22 Analyzed: 12/09/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.0*		*50.0*		*106*	*50-200*			
LCS (2250084-BS1)									Prepared: 12/09/22 Analyzed: 12/09/22
Diesel Range Organics (C10-C28)	255	25.0	250		102	38-132			
Surrogate: n-Nonane	*53.9*		*50.0*		*108*	*50-200*			
Matrix Spike (2250084-MS1)				**Source: E212055-05**					Prepared: 12/09/22 Analyzed: 12/09/22
Diesel Range Organics (C10-C28)	245	25.0	250	ND	97.8	38-132			
Surrogate: n-Nonane	*54.2*		*50.0*		*108*	*50-200*			
Matrix Spike Dup (2250084-MSD1)				**Source: E212055-05**					Prepared: 12/09/22 Analyzed: 12/09/22
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	4.10	20	
Surrogate: n-Nonane	*54.3*		*50.0*		*109*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2250095-BLK1)									Prepared: 12/09/22 Analyzed: 12/12/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.7*		*50.0*		*105*	*50-200*			
LCS (2250095-BS1)									Prepared: 12/09/22 Analyzed: 12/12/22
Diesel Range Organics (C10-C28)	245	25.0	250		98.2	38-132			
Surrogate: n-Nonane	*52.6*		*50.0*		*105*	*50-200*			
Matrix Spike (2250095-MS1)				**Source: E212060-16**					Prepared: 12/09/22 Analyzed: 12/12/22
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.4	38-132			
Surrogate: n-Nonane	*56.5*		*50.0*		*113*	*50-200*			
Matrix Spike Dup (2250095-MSD1)				**Source: E212060-16**					Prepared: 12/09/22 Analyzed: 12/12/22
Diesel Range Organics (C10-C28)	213	25.0	250	ND	85.1	38-132	14.5	20	
Surrogate: n-Nonane	*55.1*		*50.0*		*110*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2251005-BLK1)									Prepared: 12/12/22 Analyzed: 12/13/22
Chloride	ND	20.0							
LCS (2251005-BS1)									Prepared: 12/12/22 Analyzed: 12/13/22
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2251005-MS1)				**Source: E212060-21**					Prepared: 12/12/22 Analyzed: 12/13/22
Chloride	1110	40.0	250	830	112	80-120			
Matrix Spike Dup (2251005-MSD1)				**Source: E212060-21**					Prepared: 12/12/22 Analyzed: 12/13/22
Chloride	1100	40.0	250	830	108	80-120	0.752	20	

QC Summary Data

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/2022 12:22:19PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2251006-BLK1)									Prepared: 12/12/22 Analyzed: 12/12/22
Chloride	ND	20.0							
LCS (2251006-BS1)									Prepared: 12/12/22 Analyzed: 12/12/22
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2251006-MS1)				**Source: E212060-01**					Prepared: 12/12/22 Analyzed: 12/12/22
Chloride	263	20.0	250	ND	105	80-120			
Matrix Spike Dup (2251006-MSD1)				**Source: E212060-01**					Prepared: 12/12/22 Analyzed: 12/12/22
Chloride	264	20.0	250	ND	105	80-120	0.0398	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Dee 36 Confirmation Sampling	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/14/22 12:22

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Project Information | Chain of Custody | Page 1 of 3

| | | |

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Project Information | Chain of Custody | Page 2 of 3

Client: EOG	**Bill To**	**Lab Use Only**
Project: Dee 36 Confirmation Sampling	Attention:	Lab WO# E212060 / Job Number 19034-0012
Project Manager: Greg Crabtree	Address:	
Address:	City, State, Zip	
City, State, Zip	Phone:	
Phone:	Email:	
Email: All Enviro		
Report due by:		

TAT: 1D | 2D | 3D (X) | Standard

EPA Program: CWA | SDWA | RCRA (X)

State: NM (X) | CO | UT | AZ | TX

Analysis and Method: BDGOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
9:41	12.7.22	S	1	WW4-2 B	11	X	
9:44	"	"	"	WW4-1 B	12	"	
9:50				WW4B-1	13		
11:04				SW4-2 B	14		
11:09				NTB6-1	15		
12:01				EW4-1 B	16		
15:30				NEC-1	17		
15:34				NEC-2	18		
15:40				NEC-3	19		
15:50	2	1	1	NEC-4	20	1	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Kholeton Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11.9.22	11:31	[signature]	12/9/22	11:31
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 ____ T2 ____ T3 ____
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other ____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Project Information | Chain of Custody | Page 3 of 3

Client: EOG
Project: Dee 36 Confirmation Sampling
Project Manager: Greg Crabtree
Address:
City, State, Zip
Phone:
Email: All Enviro
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E212060
Job Number 19034-0012

TAT
1D | 2D | 3D | Standard
0

EPA Program
CWA | SDWA | RCRA: x

State: NM x | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
15:54	12.7.22	S	1	NEC-5	21	X	
16:01	"	"	"	NEC-6	22	"	
16:06	"	"	"	NEC4-1	23	"	
16:10	"	"	"	NEC4-2	24	"	
16:15	"	"	"	NEC4-3	25	"	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Kholeton Sanchez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11.9.22	11:31		12/9/22	11:31
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 12/9/2022 12:16:57PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	12/09/22 11:31	Work Order ID:	E212060
Phone:	(575) 748-4217	Date Logged In:	12/09/22 11:41	Logged In By:	Caitlin Christian
Email:		Due Date:	12/14/22 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Khloleton Sanchez
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Dee 36 State Com Battery Ex.Conf.Samp
Work Order:	E301040
Job Number:	19034-0012
Received:	1/11/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/16/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 1/16/23

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Dee 36 State Com Battery Ex.Conf.Samp
Workorder: E301040
Date Received: 1/11/2023 2:15:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/11/2023 2:15:00PM, under the Project Name: Dee 36 State Com Battery Ex.Conf.Samp.

The analytical test results summarized in this report with the Project Name: Dee 36 State Com Battery Ex.Conf.Samp apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	01/16/23 12:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
B-2	E301040-01A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-3	E301040-02A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-5	E301040-03A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-6	E301040-04A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-7	E301040-05A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-10	E301040-06A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-11	E301040-07A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-14	E301040-08A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-15	E301040-09A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-16	E301040-10A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-18	E301040-11A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-19	E301040-12A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-20	E301040-13A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-23	E301040-14A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
B-24	E301040-15A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
WEW-1	E301040-16A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
WEW-2	E301040-17A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.
WEW-3	E301040-18A	Soil	01/10/23	01/11/23	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

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E301040-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0250	1	01/11/23	01/12/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/12/23	
Toluene	ND	0.0250	1	01/11/23	01/12/23	
o-Xylene	ND	0.0250	1	01/11/23	01/12/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/12/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**71.3**	25.0	1	01/12/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/23	01/12/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*01/12/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	**20.5**	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

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E301040-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**162**	25.0	1	01/12/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/23	01/12/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*01/12/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	ND	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

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E301040-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0250	1	01/11/23	01/12/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/12/23	
Toluene	ND	0.0250	1	01/11/23	01/12/23	
o-Xylene	ND	0.0250	1	01/11/23	01/12/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/12/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/23	01/12/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*01/12/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	**26.3**	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

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E301040-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0250	1	01/11/23	01/12/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/12/23	
Toluene	ND	0.0250	1	01/11/23	01/12/23	
o-Xylene	ND	0.0250	1	01/11/23	01/12/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/12/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**732**	25.0	1	01/12/23	01/12/23	
Oil Range Organics (C28-C36)	**199**	50.0	1	01/12/23	01/12/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*01/12/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	ND	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

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E301040-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0250	1	01/11/23	01/12/23	
Ethylbenzene	**0.0930**	0.0250	1	01/11/23	01/12/23	
Toluene	ND	0.0250	1	01/11/23	01/12/23	
o-Xylene	**0.203**	0.0250	1	01/11/23	01/12/23	
p,m-Xylene	**0.568**	0.0500	1	01/11/23	01/12/23	
Total Xylenes	**0.771**	0.0250	1	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**2430**	50.0	2	01/12/23	01/13/23	
Oil Range Organics (C28-C36)	**667**	100	2	01/12/23	01/13/23	
Surrogate: n-Nonane		*109 %*	*50-200*	*01/12/23*	*01/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	ND	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

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E301040-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0250	1	01/11/23	01/12/23	
Ethylbenzene	**0.0455**	0.0250	1	01/11/23	01/12/23	
Toluene	ND	0.0250	1	01/11/23	01/12/23	
o-Xylene	**0.0695**	0.0250	1	01/11/23	01/12/23	
p,m-Xylene	**0.188**	0.0500	1	01/11/23	01/12/23	
Total Xylenes	**0.258**	0.0250	1	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	**22.0**	20.0	1	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.5 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**1710**	50.0	2	01/12/23	01/13/23	
Oil Range Organics (C28-C36)	**604**	100	2	01/12/23	01/13/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*01/12/23*	*01/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	ND	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

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E301040-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0250	1	01/11/23	01/12/23	
Ethylbenzene	**0.257**	0.0250	1	01/11/23	01/12/23	
Toluene	ND	0.0250	1	01/11/23	01/12/23	
o-Xylene	**0.336**	0.0250	1	01/11/23	01/12/23	
p,m-Xylene	**1.09**	0.0500	1	01/11/23	01/12/23	
Total Xylenes	**1.42**	0.0250	1	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	**37.9**	20.0	1	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.2 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**3580**	50.0	2	01/12/23	01/13/23	
Oil Range Organics (C28-C36)	**964**	100	2	01/12/23	01/13/23	
Surrogate: n-Nonane		*115 %*	*50-200*	*01/12/23*	*01/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	**24.6**	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

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E301040-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	**0.0966**	0.0500	2	01/11/23	01/12/23	
Ethylbenzene	**5.57**	0.0500	2	01/11/23	01/12/23	
Toluene	**1.72**	0.0500	2	01/11/23	01/12/23	
o-Xylene	**4.15**	0.0500	2	01/11/23	01/12/23	
p,m-Xylene	**13.5**	0.100	2	01/11/23	01/12/23	
Total Xylenes	**17.6**	0.0500	2	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	**215**	40.0	2	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**3590**	50.0	2	01/12/23	01/13/23	
Oil Range Organics (C28-C36)	**992**	100	2	01/12/23	01/13/23	
Surrogate: n-Nonane		*143 %*	*50-200*	*01/12/23*	*01/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	**28.4**	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

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E301040-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0500	2	01/11/23	01/12/23	
Ethylbenzene	**1.36**	0.0500	2	01/11/23	01/12/23	
Toluene	**0.163**	0.0500	2	01/11/23	01/12/23	
o-Xylene	**1.27**	0.0500	2	01/11/23	01/12/23	
p,m-Xylene	**4.31**	0.100	2	01/11/23	01/12/23	
Total Xylenes	**5.58**	0.0500	2	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	**84.4**	40.0	2	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.4 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**4310**	50.0	2	01/12/23	01/13/23	
Oil Range Organics (C28-C36)	**1080**	100	2	01/12/23	01/13/23	
Surrogate: n-Nonane		*120 %*	*50-200*	*01/12/23*	*01/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	**40.2**	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

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E301040-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0500	2	01/11/23	01/12/23	
Ethylbenzene	**3.63**	0.0500	2	01/11/23	01/12/23	
Toluene	**0.535**	0.0500	2	01/11/23	01/12/23	
o-Xylene	**3.34**	0.0500	2	01/11/23	01/12/23	
p,m-Xylene	**9.95**	0.100	2	01/11/23	01/12/23	
Total Xylenes	**13.3**	0.0500	2	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*112 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	**161**	40.0	2	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**6170**	125	5	01/12/23	01/13/23	
Oil Range Organics (C28-C36)	**1470**	250	5	01/12/23	01/13/23	
Surrogate: n-Nonane		*141 %*	*50-200*	*01/12/23*	*01/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	ND	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

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E301040-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	**0.0780**	0.0500	2	01/11/23	01/12/23	
Ethylbenzene	**6.15**	0.0500	2	01/11/23	01/12/23	
Toluene	**0.228**	0.0500	2	01/11/23	01/12/23	
o-Xylene	**1.90**	0.0500	2	01/11/23	01/12/23	
p,m-Xylene	**15.8**	0.100	2	01/11/23	01/12/23	
Total Xylenes	**17.7**	0.0500	2	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	**212**	40.0	2	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*110 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**3400**	50.0	2	01/12/23	01/13/23	
Oil Range Organics (C28-C36)	**888**	100	2	01/12/23	01/13/23	
Surrogate: n-Nonane		*139 %*	*50-200*	*01/12/23*	*01/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	ND	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

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E301040-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0500	2	01/11/23	01/12/23	
Ethylbenzene	**4.34**	0.0500	2	01/11/23	01/12/23	
Toluene	**0.379**	0.0500	2	01/11/23	01/12/23	
o-Xylene	**3.67**	0.0500	2	01/11/23	01/12/23	
p,m-Xylene	**13.8**	0.100	2	01/11/23	01/12/23	
Total Xylenes	**17.4**	0.0500	2	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	**180**	40.0	2	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**5330**	250	10	01/12/23	01/13/23	
Oil Range Organics (C28-C36)	**1330**	500	10	01/12/23	01/13/23	
Surrogate: n-Nonane		*168 %*	*50-200*	*01/12/23*	*01/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	ND	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

B-20

E301040-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0250	1	01/11/23	01/12/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/12/23	
Toluene	ND	0.0250	1	01/11/23	01/12/23	
o-Xylene	**0.0414**	0.0250	1	01/11/23	01/12/23	
p,m-Xylene	**0.142**	0.0500	1	01/11/23	01/12/23	
Total Xylenes	**0.183**	0.0250	1	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**607**	25.0	1	01/12/23	01/12/23	
Oil Range Organics (C28-C36)	**148**	50.0	1	01/12/23	01/12/23	
Surrogate: n-Nonane		*110 %*	*50-200*	*01/12/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	ND	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

B-23

E301040-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0250	1	01/11/23	01/12/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/12/23	
Toluene	ND	0.0250	1	01/11/23	01/12/23	
o-Xylene	ND	0.0250	1	01/11/23	01/12/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/12/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**193**	25.0	1	01/12/23	01/12/23	
Oil Range Organics (C28-C36)	**63.0**	50.0	1	01/12/23	01/12/23	
Surrogate: n-Nonane		*108 %*	*50-200*	*01/12/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	**31.4**	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

B-24

E301040-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0250	1	01/11/23	01/12/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/12/23	
Toluene	ND	0.0250	1	01/11/23	01/12/23	
o-Xylene	ND	0.0250	1	01/11/23	01/12/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/12/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/23	01/12/23	
Surrogate: n-Nonane		*108 %*	*50-200*	*01/12/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	ND	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

WEW-1

E301040-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0250	1	01/11/23	01/12/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/12/23	
Toluene	ND	0.0250	1	01/11/23	01/12/23	
o-Xylene	ND	0.0250	1	01/11/23	01/12/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/12/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**958**	25.0	1	01/12/23	01/12/23	
Oil Range Organics (C28-C36)	**300**	50.0	1	01/12/23	01/12/23	
Surrogate: n-Nonane		*109 %*	*50-200*	*01/12/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	**64.0**	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

WEW-2

E301040-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0250	1	01/11/23	01/12/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/12/23	
Toluene	ND	0.0250	1	01/11/23	01/12/23	
o-Xylene	ND	0.0250	1	01/11/23	01/12/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/12/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**38.4**	25.0	1	01/12/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/23	01/12/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*01/12/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	**137**	20.0	1	01/12/23	01/12/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

WEW-3

E301040-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Benzene	ND	0.0250	1	01/11/23	01/12/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/12/23	
Toluene	ND	0.0250	1	01/11/23	01/12/23	
o-Xylene	ND	0.0250	1	01/11/23	01/12/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/12/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/12/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302050
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*01/11/23*	*01/12/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2302053
Diesel Range Organics (C10-C28)	**263**	25.0	1	01/12/23	01/12/23	
Oil Range Organics (C28-C36)	**170**	50.0	1	01/12/23	01/12/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*01/12/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302064
Chloride	**54.7**	20.0	1	01/12/23	01/12/23	

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2302050-BLK1)									Prepared: 01/11/23 Analyzed: 01/11/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.81*		*8.00*		*97.6*	*70-130*			
LCS (2302050-BS1)									Prepared: 01/11/23 Analyzed: 01/11/23
Benzene	4.09	0.0250	5.00		81.9	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.1	70-130			
Toluene	4.48	0.0250	5.00		89.6	70-130			
o-Xylene	4.59	0.0250	5.00		91.9	70-130			
p,m-Xylene	9.06	0.0500	10.0		90.6	70-130			
Total Xylenes	13.7	0.0250	15.0		91.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.76*		*8.00*		*96.9*	*70-130*			
Matrix Spike (2302050-MS1)				**Source: E301040-02**					Prepared: 01/11/23 Analyzed: 01/12/23
Benzene	4.79	0.0250	5.00	ND	95.8	54-133			
Ethylbenzene	5.23	0.0250	5.00	ND	105	61-133			
Toluene	5.26	0.0250	5.00	ND	105	61-130			
o-Xylene	5.41	0.0250	5.00	ND	108	63-131			
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131			
Total Xylenes	16.0	0.0250	15.0	ND	107	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.20*		*8.00*		*102*	*70-130*			
Matrix Spike Dup (2302050-MSD1)				**Source: E301040-02**					Prepared: 01/11/23 Analyzed: 01/12/23
Benzene	4.63	0.0250	5.00	ND	92.5	54-133	3.44	20	
Ethylbenzene	5.06	0.0250	5.00	ND	101	61-133	3.34	20	
Toluene	5.08	0.0250	5.00	ND	102	61-130	3.51	20	
o-Xylene	5.24	0.0250	5.00	ND	105	63-131	3.09	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	3.48	20	
Total Xylenes	15.5	0.0250	15.0	ND	103	63-131	3.35	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.03*		*8.00*		*100*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2302050-BLK1)									Prepared: 01/11/23 Analyzed: 01/11/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.7*	*70-130*			
LCS (2302050-BS2)									Prepared: 01/11/23 Analyzed: 01/11/23
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.3*	*70-130*			
Matrix Spike (2302050-MS2)				**Source: E301040-02**					Prepared: 01/11/23 Analyzed: 01/12/23
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	96.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			
Matrix Spike Dup (2302050-MSD2)				**Source: E301040-02**					Prepared: 01/11/23 Analyzed: 01/12/23
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	97.9	70-130	1.04	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.8*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2302053-BLK1)									Prepared: 01/12/23 Analyzed: 01/12/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.9*		*50.0*		*106*	*50-200*			
LCS (2302053-BS1)									Prepared: 01/12/23 Analyzed: 01/12/23
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: n-Nonane	*50.9*		*50.0*		*102*	*50-200*			
Matrix Spike (2302053-MS1)				**Source: E301040-10**					Prepared: 01/12/23 Analyzed: 01/13/23
Diesel Range Organics (C10-C28)	6120	125	250	6170	NR	38-132			M4
Surrogate: n-Nonane	*67.6*		*50.0*		*135*	*50-200*			
Matrix Spike Dup (2302053-MSD1)				**Source: E301040-10**					Prepared: 01/12/23 Analyzed: 01/13/23
Diesel Range Organics (C10-C28)	5930	125	250	6170	NR	38-132	3.18	20	M4
Surrogate: n-Nonane	*67.9*		*50.0*		*136*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/16/2023 12:42:52PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2302064-BLK1)									Prepared: 01/12/23 Analyzed: 01/12/23
Chloride	ND	20.0							
LCS (2302064-BS1)									Prepared: 01/12/23 Analyzed: 01/12/23
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2302064-MS1)				**Source: E301040-01**					Prepared: 01/12/23 Analyzed: 01/12/23
Chloride	283	20.0	250	20.5	105	80-120			
Matrix Spike Dup (2302064-MSD1)				**Source: E301040-01**					Prepared: 01/12/23 Analyzed: 01/12/23
Chloride	282	20.0	250	20.5	104	80-120	0.588	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Dee 36 State Com Battery Ex.Conf.Samp	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	01/16/23 12:42

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG	**Bill To**
Project: Dee 36 State Com Battery Ex. Conf. Samp.	Attention:
Project Manager: Greg Crabtree	Address:
Address:	City, State, Zip
City, State, Zip	Phone:
Phone:	Email:
Email: All Enviro	
Report due by:	

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
E 301040	19034-0012			X			

Analysis and Method													State					
													NM	CO	UT	AZ	TX	
													x					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
8:40	1/10/23	S	1	B-2	1	x	
8:49	"	"	"	B-3	2	"	
8:57				B-5	3		
9:21				B-6	4		
9:33				B-7	5		
9:40				B-10	6		
9:55				B-11	7		
10:08				B-14	8		
10:16				B-15	9		
10:22	↓	↓	↓	B-16	10	↓	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: [redacted] Austin Foutz

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Austin Foutz	1/11/23	14:15	Caitlin Christian	1/11/23	14:15
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Client: EOG
Project: Dee 36 State Com Battery Ex. Conf. Samp.
Project Manager: Greg Crabtree
Address:
City, State, Zip
Phone:
Email: All Enviro
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E301040
Job Number 19034-0012

TAT: 1D | 2D | 3D X | Standard

EPA Program: CWA | SDWA | RCRA x

State: NM x | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Analysis and Method	Remarks
10:30	1/10/23	S	1	B-18	11	x		
10:41				B-19	12			
10:49				B-20	13			
11:14				B-23	14			
11:22				B-24	15			
12:08				WEW-1	16			
12:15				WEW-2	17			
12:23	↓	↓	↓	WEW-3	18	↓		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Austin Foutz

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Austin Foutz	1/11/23	14:15	Castle Chatman	1/11/23	14:15
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 1/11/2023 2:55:48PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	01/11/23 14:15	Work Order ID:	E301040
Phone:	(575) 748-4217	Date Logged In:	01/11/23 14:27	Logged In By:	Caitlin Christian
Email:		Due Date:	01/16/23 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Austin Foutz
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	DEE 36
Work Order:	E302018
Job Number:	19034-0012
Received:	2/3/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/6/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 2/6/23

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: DEE 36
Workorder: E302018
Date Received: 2/3/2023 8:45:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/3/2023 8:45:00AM, under the Project Name: DEE 36.

The analytical test results summarized in this report with the Project Name: DEE 36 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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ljarboe@envirotech-inc.com

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Rayny Hagan
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Envirotech Web Address: www.envirotech-inc.com

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Released to Imaging: 11/25/2024 8:05:26 AM

Sample Summary

EOG Resources	Project Name:	DEE 36	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	02/06/23 13:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
B7 @ 30'	E302018-01A	Soil	02/02/23	02/03/23	Glass Jar, 4 oz.
B11 @ 35'	E302018-02A	Soil	02/02/23	02/03/23	Glass Jar, 4 oz.
B10 @ 35'	E302018-03A	Soil	02/02/23	02/03/23	Glass Jar, 4 oz.
B14 @ 35'	E302018-04A	Soil	02/02/23	02/03/23	Glass Jar, 4 oz.
B15 @ 35'	E302018-05A	Soil	02/02/23	02/03/23	Glass Jar, 4 oz.
B16 @ 35'	E302018-06A	Soil	02/02/23	02/03/23	Glass Jar, 4 oz.
B19 @ 35'	E302018-07A	Soil	02/02/23	02/03/23	Glass Jar, 4 oz.
B18 @ 35'	E302018-08A	Soil	02/02/23	02/03/23	Glass Jar, 4 oz.

Sample Data

EOG Resources	Project Name:	DEE 36	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/6/2023 1:59:39PM

B7 @ 30'

E302018-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Benzene	ND	0.0500	2	02/03/23	02/03/23	
Ethylbenzene	**2.18**	0.0500	2	02/03/23	02/03/23	
Toluene	**0.0780**	0.0500	2	02/03/23	02/03/23	
o-Xylene	**1.01**	0.0500	2	02/03/23	02/03/23	
p,m-Xylene	**4.09**	0.100	2	02/03/23	02/03/23	
Total Xylenes	**5.10**	0.0500	2	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*118 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Gasoline Range Organics (C6-C10)	**111**	40.0	2	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*118 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2305064
Diesel Range Organics (C10-C28)	**765**	25.0	1	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	**161**	50.0	1	02/03/23	02/03/23	
Surrogate: n-Nonane		*98.8 %*	*50-200*	*02/03/23*	*02/03/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2305067
Chloride	ND	20.0	1	02/03/23	02/03/23	

Sample Data

EOG Resources	Project Name:	DEE 36	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/6/2023 1:59:39PM

B11 @ 35'

E302018-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Benzene	ND	0.125	5	02/03/23	02/03/23	
Ethylbenzene	**7.46**	0.125	5	02/03/23	02/03/23	
Toluene	**0.588**	0.125	5	02/03/23	02/03/23	
o-Xylene	**3.85**	0.125	5	02/03/23	02/03/23	
p,m-Xylene	**14.2**	0.250	5	02/03/23	02/03/23	
Total Xylenes	**18.1**	0.125	5	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*91.8 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Gasoline Range Organics (C6-C10)	**297**	100	5	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*91.8 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2305064
Diesel Range Organics (C10-C28)	**2520**	50.0	2	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	**484**	100	2	02/03/23	02/03/23	
Surrogate: n-Nonane		*135 %*	*50-200*	*02/03/23*	*02/03/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2305067
Chloride	**35.2**	20.0	1	02/03/23	02/03/23	

Sample Data

EOG Resources	Project Name:	DEE 36	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/6/2023 1:59:39PM

B10 @ 35'

E302018-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Benzene	ND	0.0250	1	02/03/23	02/03/23	
Ethylbenzene	ND	0.0250	1	02/03/23	02/03/23	
Toluene	ND	0.0250	1	02/03/23	02/03/23	
o-Xylene	ND	0.0250	1	02/03/23	02/03/23	
p,m-Xylene	ND	0.0500	1	02/03/23	02/03/23	
Total Xylenes	ND	0.0250	1	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*90.4 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*90.4 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2305064
Diesel Range Organics (C10-C28)	**157**	25.0	1	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/23	02/03/23	
Surrogate: n-Nonane		*91.6 %*	*50-200*	*02/03/23*	*02/03/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2305067
Chloride	**20.0**	20.0	1	02/03/23	02/03/23	

Sample Data

EOG Resources	Project Name:	DEE 36	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/6/2023 1:59:39PM

B14 @ 35'

E302018-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Benzene	**1.26**	0.125	5	02/03/23	02/03/23	
Ethylbenzene	**19.1**	0.125	5	02/03/23	02/03/23	
Toluene	**2.87**	0.125	5	02/03/23	02/03/23	
o-Xylene	**6.97**	0.125	5	02/03/23	02/03/23	
p,m-Xylene	**40.9**	0.250	5	02/03/23	02/03/23	
Total Xylenes	**47.8**	0.125	5	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Gasoline Range Organics (C6-C10)	**617**	100	5	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2305064
Diesel Range Organics (C10-C28)	**5940**	50.0	2	02/03/23	02/06/23	
Oil Range Organics (C28-C36)	**1690**	100	2	02/03/23	02/06/23	
Surrogate: n-Nonane		*180 %*	*50-200*	*02/03/23*	*02/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2305067
Chloride	**30.4**	20.0	1	02/03/23	02/03/23	

Sample Data

EOG Resources	Project Name:	DEE 36	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/6/2023 1:59:39PM

B15 @ 35'

E302018-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Benzene	**3.75**	0.125	5	02/03/23	02/03/23	
Ethylbenzene	**31.8**	0.125	5	02/03/23	02/03/23	
Toluene	**18.6**	0.125	5	02/03/23	02/03/23	
o-Xylene	**15.6**	0.125	5	02/03/23	02/03/23	
p,m-Xylene	**66.4**	0.250	5	02/03/23	02/03/23	
Total Xylenes	**82.0**	0.125	5	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Gasoline Range Organics (C6-C10)	**914**	100	5	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2305064
Diesel Range Organics (C10-C28)	**8350**	250	10	02/03/23	02/04/23	
Oil Range Organics (C28-C36)	**1660**	500	10	02/03/23	02/04/23	
Surrogate: n-Nonane		*273 %*	*50-200*	*02/03/23*	*02/04/23*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2305067
Chloride	ND	20.0	1	02/03/23	02/03/23	

Sample Data

EOG Resources	Project Name:	DEE 36	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/6/2023 1:59:39PM

B16 @ 35'

E302018-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Benzene	**0.255**	0.125	5	02/03/23	02/03/23	
Ethylbenzene	**11.9**	0.125	5	02/03/23	02/03/23	
Toluene	**4.74**	0.125	5	02/03/23	02/03/23	
o-Xylene	**8.86**	0.125	5	02/03/23	02/03/23	
p,m-Xylene	**27.2**	0.250	5	02/03/23	02/03/23	
Total Xylenes	**36.0**	0.125	5	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*88.6 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Gasoline Range Organics (C6-C10)	**570**	100	5	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*88.6 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2305064
Diesel Range Organics (C10-C28)	**3560**	125	5	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	**677**	250	5	02/03/23	02/03/23	
Surrogate: n-Nonane		*160 %*	*50-200*	*02/03/23*	*02/03/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2305067
Chloride	**23.1**	20.0	1	02/03/23	02/03/23	

Sample Data

EOG Resources	Project Name:	DEE 36	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/6/2023 1:59:39PM

B19 @ 35'

E302018-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Benzene	**0.126**	0.0500	2	02/03/23	02/03/23	
Ethylbenzene	**9.16**	0.0500	2	02/03/23	02/03/23	
Toluene	**0.101**	0.0500	2	02/03/23	02/03/23	
o-Xylene	**0.561**	0.0500	2	02/03/23	02/03/23	
p,m-Xylene	**25.7**	0.500	10	02/03/23	02/04/23	
Total Xylenes	**26.3**	0.0500	2	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*83.4 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Gasoline Range Organics (C6-C10)	**479**	40.0	2	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*83.4 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2305064
Diesel Range Organics (C10-C28)	**777**	25.0	1	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	**153**	50.0	1	02/03/23	02/03/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*02/03/23*	*02/03/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2305067
Chloride	ND	20.0	1	02/03/23	02/04/23	

Sample Data

EOG Resources	Project Name:	DEE 36	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/6/2023 1:59:39PM

B18 @ 35'

E302018-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Benzene	**0.169**	0.0500	2	02/03/23	02/03/23	
Ethylbenzene	**8.50**	0.0500	2	02/03/23	02/03/23	
Toluene	ND	0.0500	2	02/03/23	02/03/23	
o-Xylene	**3.15**	0.0500	2	02/03/23	02/03/23	
p,m-Xylene	**19.2**	0.100	2	02/03/23	02/03/23	
Total Xylenes	**22.4**	0.0500	2	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*85.4 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2305066
Gasoline Range Organics (C6-C10)	**405**	40.0	2	02/03/23	02/03/23	
Surrogate: Bromofluorobenzene		*85.4 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*02/03/23*	*02/03/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*02/03/23*	*02/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2305064
Diesel Range Organics (C10-C28)	**2570**	125	5	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	**544**	250	5	02/03/23	02/03/23	
Surrogate: n-Nonane		*140 %*	*50-200*	*02/03/23*	*02/03/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2305067
Chloride	**35.2**	20.0	1	02/03/23	02/04/23	

QC Summary Data

EOG Resources	Project Name:	DEE 36	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/6/2023 1:59:39PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2305066-BLK1)									Prepared: 02/03/23 Analyzed: 02/03/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.448*		*0.500*		*89.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.468*		*0.500*		*93.5*	*70-130*			
Surrogate: Toluene-d8	*0.500*		*0.500*		*100*	*70-130*			
LCS (2305066-BS1)									Prepared: 02/03/23 Analyzed: 02/03/23
Benzene	2.44	0.0250	2.50		97.4	70-130			
Ethylbenzene	2.44	0.0250	2.50		97.6	70-130			
Toluene	2.48	0.0250	2.50		99.1	70-130			
o-Xylene	2.57	0.0250	2.50		103	70-130			
p,m-Xylene	4.95	0.0500	5.00		99.1	70-130			
Total Xylenes	7.53	0.0250	7.50		100	70-130			
Surrogate: Bromofluorobenzene	*0.466*		*0.500*		*93.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: Toluene-d8	*0.502*		*0.500*		*100*	*70-130*			
LCS Dup (2305066-BSD1)									Prepared: 02/03/23 Analyzed: 02/03/23
Benzene	2.37	0.0250	2.50		94.7	70-130	2.81	23	
Ethylbenzene	2.43	0.0250	2.50		97.4	70-130	0.287	27	
Toluene	2.47	0.0250	2.50		98.7	70-130	0.344	24	
o-Xylene	2.57	0.0250	2.50		103	70-130	0.292	27	
p,m-Xylene	4.93	0.0500	5.00		98.7	70-130	0.405	27	
Total Xylenes	7.50	0.0250	7.50		100	70-130	0.366	27	
Surrogate: Bromofluorobenzene	*0.462*		*0.500*		*92.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: Toluene-d8	*0.503*		*0.500*		*101*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	DEE 36	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/6/2023 1:59:39PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2305066-BLK1)									Prepared: 02/03/23 Analyzed: 02/03/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.448*		*0.500*		*89.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.468*		*0.500*		*93.5*	*70-130*			
Surrogate: Toluene-d8	*0.500*		*0.500*		*100*	*70-130*			
LCS (2305066-BS2)									Prepared: 02/03/23 Analyzed: 02/03/23
Gasoline Range Organics (C6-C10)	55.4	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	*0.463*		*0.500*		*92.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: Toluene-d8	*0.517*		*0.500*		*103*	*70-130*			
LCS Dup (2305066-BSD2)									Prepared: 02/03/23 Analyzed: 02/03/23
Gasoline Range Organics (C6-C10)	55.4	20.0	50.0		111	70-130	0.0604	20	
Surrogate: Bromofluorobenzene	*0.464*		*0.500*		*92.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	DEE 36	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/6/2023 1:59:39PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2305064-BLK1)									Prepared: 02/03/23 Analyzed: 02/03/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*42.4*		*50.0*		*84.7*	*50-200*			
LCS (2305064-BS1)									Prepared: 02/03/23 Analyzed: 02/03/23
Diesel Range Organics (C10-C28)	217	25.0	250		87.0	38-132			
Surrogate: n-Nonane	*42.2*		*50.0*		*84.4*	*50-200*			
Matrix Spike (2305064-MS1)				**Source: E302017-10**					Prepared: 02/03/23 Analyzed: 02/03/23
Diesel Range Organics (C10-C28)	240	25.0	250	ND	95.8	38-132			
Surrogate: n-Nonane	*44.2*		*50.0*		*88.4*	*50-200*			
Matrix Spike Dup (2305064-MSD1)				**Source: E302017-10**					Prepared: 02/03/23 Analyzed: 02/03/23
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	38-132	3.72	20	
Surrogate: n-Nonane	*41.5*		*50.0*		*83.0*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	DEE 36	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/6/2023 1:59:39PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2305067-BLK1)									Prepared: 02/03/23 Analyzed: 02/03/23
Chloride	ND	20.0							
LCS (2305067-BS1)									Prepared: 02/03/23 Analyzed: 02/03/23
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2305067-MS1)				**Source: E302017-01**					Prepared: 02/03/23 Analyzed: 02/03/23
Chloride	512	20.0	250	243	108	80-120			
Matrix Spike Dup (2305067-MSD1)				**Source: E302017-01**					Prepared: 02/03/23 Analyzed: 02/03/23
Chloride	491	20.0	250	243	99.3	80-120	4.26	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	DEE 36	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	02/06/23 13:59

S5	Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 12/3/2024 1:00:02 AM

Project Information | Chain of Custody | Page 1 of 1

1day

Client: EOG	Bill To	Lab Use Only	TAT	EPA Program
Project: DEE 36	Attention:	Lab WO# E302018	Job Number 19034-0012	1D X	2D	3D	Standard X	CWA	SDWA
Project Manager: Greg Crabtree	Address:								
Address:	City, State, Zip								RCRA X
City, State, Zip	Phone:								
Phone:	Email:							State: NM X	CO	UT	AZ	TX
Email: All Enviro									
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		NM- BGDOC	Remarks
8:47	2/2/23	S	1	B7 @ 30'	1								X	
8:51	2/2/23	S	1	B11 @ 35'	2									
8:54	2/2/23	S	1	B10 @ 35'	3									
8:57	2/2/23	S	1	B14 @ 35'	4									
8:59	2/2/23	S	1	B15 @ 35'	5									
9:02	2/2/23	S	1	B16 @ 35'	6									
9:04	2/2/23	S	1	B19 @ 35'	7									
9:06	2/2/23	S	1	B18 @ 35'	8									

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: D. Aragon / I. Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	2/2/23	17:35	[signature]	2/3/23	8:45
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 2/6/2023 11:27:01AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	02/03/23 08:45	Work Order ID:	E302018
Phone:	(575) 748-4217	Date Logged In:	02/03/23 09:21	Logged In By:	Caitlin Christian
Email:		Due Date:	02/06/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Diego Aragon
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Dee 36 State Com Battery
Work Order:	E302074
Job Number:	19034-0012
Received:	2/15/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/15/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 2/15/23

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Dee 36 State Com Battery
Workorder: E302074
Date Received: 2/15/2023 7:45:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/15/2023 7:45:00AM, under the Project Name: Dee 36 State Com Battery.

The analytical test results summarized in this report with the Project Name: Dee 36 State Com Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	02/15/23 16:14

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TH @ 40ft	E302074-01A	Soil	02/14/23	02/15/23	Glass Jar, 2 oz.
NEC 4-3B	E302074-02A	Soil	02/14/23	02/15/23	Glass Jar, 2 oz.
NEC 4-2C	E302074-03A	Soil	02/14/23	02/15/23	Glass Jar, 2 oz.
NEC 4-1B	E302074-04A	Soil	02/14/23	02/15/23	Glass Jar, 2 oz.
SW 4-2B	E302074-05A	Soil	02/14/23	02/15/23	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/15/2023 4:14:01PM

TH @ 40ft

E302074-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2307021
Benzene	**4.75**	0.125	5	02/15/23	02/15/23	
Ethylbenzene	**32.9**	0.125	5	02/15/23	02/15/23	
Toluene	**21.9**	0.125	5	02/15/23	02/15/23	
o-Xylene	**20.9**	0.125	5	02/15/23	02/15/23	
p,m-Xylene	**63.3**	0.250	5	02/15/23	02/15/23	
Total Xylenes	**84.2**	0.125	5	02/15/23	02/15/23	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*02/15/23*	*02/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2307021
Gasoline Range Organics (C6-C10)	**811**	100	5	02/15/23	02/15/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.8 %*	*70-130*	*02/15/23*	*02/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2307022
Diesel Range Organics (C10-C28)	**5400**	125	5	02/15/23	02/15/23	
Oil Range Organics (C28-C36)	**808**	250	5	02/15/23	02/15/23	
Surrogate: n-Nonane		*168 %*	*50-200*	*02/15/23*	*02/15/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2307024
Chloride	ND	20.0	1	02/15/23	02/15/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/15/2023 4:14:01PM

NEC 4-3B

E302074-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2307021
Benzene	ND	0.0250	1	02/15/23	02/15/23	
Ethylbenzene	ND	0.0250	1	02/15/23	02/15/23	
Toluene	**0.0960**	0.0250	1	02/15/23	02/15/23	
o-Xylene	ND	0.0250	1	02/15/23	02/15/23	
p,m-Xylene	**0.0600**	0.0500	1	02/15/23	02/15/23	
Total Xylenes	**0.0600**	0.0250	1	02/15/23	02/15/23	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*02/15/23*	*02/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2307021
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/15/23	02/15/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.7 %*	*70-130*	*02/15/23*	*02/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2307022
Diesel Range Organics (C10-C28)	ND	25.0	1	02/15/23	02/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/15/23	02/15/23	
Surrogate: n-Nonane		*78.9 %*	*50-200*	*02/15/23*	*02/15/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2307024
Chloride	**314**	20.0	1	02/15/23	02/15/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/15/2023 4:14:01PM

NEC 4-2C

E302074-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2307021
Benzene	ND	0.0250	1	02/15/23	02/15/23	
Ethylbenzene	ND	0.0250	1	02/15/23	02/15/23	
Toluene	**0.0356**	0.0250	1	02/15/23	02/15/23	
o-Xylene	ND	0.0250	1	02/15/23	02/15/23	
p,m-Xylene	**0.0552**	0.0500	1	02/15/23	02/15/23	
Total Xylenes	**0.0552**	0.0250	1	02/15/23	02/15/23	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*02/15/23*	*02/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2307021
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/15/23	02/15/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*02/15/23*	*02/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2307022
Diesel Range Organics (C10-C28)	**57.3**	25.0	1	02/15/23	02/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/15/23	02/15/23	
Surrogate: n-Nonane		*87.0 %*	*50-200*	*02/15/23*	*02/15/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2307024
Chloride	**184**	20.0	1	02/15/23	02/15/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/15/2023 4:14:01PM

NEC 4-1B

E302074-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2307021
Benzene	ND	0.0250	1	02/15/23	02/15/23	
Ethylbenzene	ND	0.0250	1	02/15/23	02/15/23	
Toluene	ND	0.0250	1	02/15/23	02/15/23	
o-Xylene	ND	0.0250	1	02/15/23	02/15/23	
p,m-Xylene	ND	0.0500	1	02/15/23	02/15/23	
Total Xylenes	ND	0.0250	1	02/15/23	02/15/23	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*02/15/23*	*02/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2307021
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/15/23	02/15/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*02/15/23*	*02/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2307022
Diesel Range Organics (C10-C28)	ND	25.0	1	02/15/23	02/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/15/23	02/15/23	
Surrogate: n-Nonane		*82.8 %*	*50-200*	*02/15/23*	*02/15/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2307024
Chloride	**92.6**	20.0	1	02/15/23	02/15/23	

Sample Data

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/15/2023 4:14:01PM

SW 4-2B

E302074-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2307021
Benzene	ND	0.0250	1	02/15/23	02/15/23	
Ethylbenzene	ND	0.0250	1	02/15/23	02/15/23	
Toluene	ND	0.0250	1	02/15/23	02/15/23	
o-Xylene	ND	0.0250	1	02/15/23	02/15/23	
p,m-Xylene	ND	0.0500	1	02/15/23	02/15/23	
Total Xylenes	ND	0.0250	1	02/15/23	02/15/23	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*02/15/23*	*02/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2307021
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/15/23	02/15/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*02/15/23*	*02/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2307022
Diesel Range Organics (C10-C28)	ND	25.0	1	02/15/23	02/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/15/23	02/15/23	
Surrogate: n-Nonane		*84.3 %*	*50-200*	*02/15/23*	*02/15/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2307024
Chloride	**20.7**	20.0	1	02/15/23	02/15/23	

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/15/2023 4:14:01PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2307021-BLK1)									Prepared: 02/15/23 Analyzed: 02/15/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.04*		*8.00*		*101*	*70-130*			
LCS (2307021-BS1)									Prepared: 02/15/23 Analyzed: 02/15/23
Benzene	4.56	0.0250	5.00		91.2	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.5	70-130			
Toluene	4.74	0.0250	5.00		94.7	70-130			
o-Xylene	4.77	0.0250	5.00		95.4	70-130			
p,m-Xylene	9.40	0.0500	10.0		94.0	70-130			
Total Xylenes	14.2	0.0250	15.0		94.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.18*		*8.00*		*102*	*70-130*			
Matrix Spike (2307021-MS1)				**Source: E302070-03**					Prepared: 02/15/23 Analyzed: 02/15/23
Benzene	4.64	0.0250	5.00	ND	92.7	54-133			
Ethylbenzene	4.70	0.0250	5.00	ND	94.1	61-133			
Toluene	4.82	0.0250	5.00	ND	96.4	61-130			
o-Xylene	4.85	0.0250	5.00	ND	97.0	63-131			
p,m-Xylene	9.55	0.0500	10.0	ND	95.5	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.27*		*8.00*		*103*	*70-130*			
Matrix Spike Dup (2307021-MSD1)				**Source: E302070-03**					Prepared: 02/15/23 Analyzed: 02/15/23
Benzene	4.74	0.0250	5.00	ND	94.8	54-133	2.21	20	
Ethylbenzene	4.82	0.0250	5.00	ND	96.4	61-133	2.45	20	
Toluene	4.93	0.0250	5.00	ND	98.6	61-130	2.25	20	
o-Xylene	4.96	0.0250	5.00	ND	99.2	63-131	2.17	20	
p,m-Xylene	9.77	0.0500	10.0	ND	97.7	63-131	2.23	20	
Total Xylenes	14.7	0.0250	15.0	ND	98.2	63-131	2.21	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.42*		*8.00*		*105*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/15/2023 4:14:01PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2307021-BLK1)									Prepared: 02/15/23 Analyzed: 02/15/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
LCS (2307021-BS2)									Prepared: 02/15/23 Analyzed: 02/15/23
Gasoline Range Organics (C6-C10)	45.9	20.0				70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.08*		*8.00*		*88.5*	*70-130*			
Matrix Spike (2307021-MS2)				**Source: E302070-03**					Prepared: 02/15/23 Analyzed: 02/15/23
Gasoline Range Organics (C6-C10)	47.0	20.0		ND		70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.45*		*8.00*		*93.1*	*70-130*			
Matrix Spike Dup (2307021-MSD2)				**Source: E302070-03**					Prepared: 02/15/23 Analyzed: 02/15/23
Gasoline Range Organics (C6-C10)	47.0	20.0		ND		70-130	0.00724	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.23*		*8.00*		*90.4*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/15/2023 4:14:01PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2307022-BLK1)									Prepared: 02/15/23 Analyzed: 02/15/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.7*		*50.0*		*97.4*	*50-200*			
LCS (2307022-BS1)									Prepared: 02/15/23 Analyzed: 02/15/23
Diesel Range Organics (C10-C28)	202	25.0	250		80.8	38-132			
Surrogate: n-Nonane	*45.7*		*50.0*		*91.3*	*50-200*			
Matrix Spike (2307022-MS1)				**Source: E302070-07**					Prepared: 02/15/23 Analyzed: 02/15/23
Diesel Range Organics (C10-C28)	217	25.0	250	ND	86.7	38-132			
Surrogate: n-Nonane	*49.5*		*50.0*		*99.0*	*50-200*			
Matrix Spike Dup (2307022-MSD1)				**Source: E302070-07**					Prepared: 02/15/23 Analyzed: 02/15/23
Diesel Range Organics (C10-C28)	225	25.0	250	ND	90.0	38-132	3.66	20	
Surrogate: n-Nonane	*50.5*		*50.0*		*101*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Dee 36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	2/15/2023 4:14:01PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2307024-BLK1)									Prepared: 02/15/23 Analyzed: 02/15/23
Chloride	ND	20.0							
LCS (2307024-BS1)									Prepared: 02/15/23 Analyzed: 02/15/23
Chloride	250	20.0	250		99.8	90-110			
LCS Dup (2307024-BSD1)									Prepared: 02/15/23 Analyzed: 02/15/23
Chloride	261	20.0	250		104	90-110	4.43	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Dee 36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	02/15/23 16:14

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Project Information | Chain of Custody | Page 1 of 1

Client: EOG	**Bill To**	**Lab Use Only**
Project: Dee 36 State Com Battery	Attention:	Lab WO# E302074 / Job Number 19034-0012
Project Manager: Greg Crabtree	Address:	
Address:	City, State, Zip	
City, State, Zip	Phone:	
Phone:	Email:	
Email: All Enviro		
Report due by:		

TAT: 1D X | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA x

State: NM x | CO | UT | AZ | TX

Analysis and Method: BDGOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
12:00	2/14/23	S	1	SB-15 @ 40 ft	1	X	
12:10	2/14/23	S	1	NEC 4-3	2	X	
12:13	2/14/23	S	1	NEC 4-2	3	X	
12:19	2/14/23	S	1	NEC 4-1	4	X	
12:25	2/14/23	S	1	SW 4-2	5	X	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Patrick Mesa

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/14/23	19:15	Drew Zuzzi	02/15/23	7:45
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4.0

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 2/15/2023 11:12:14AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	02/15/23 07:45	Work Order ID:	E302074
Phone:	(575) 748-4217	Date Logged In:	02/15/23 11:09	Logged In By:	Alexa Michaels
Email:		Due Date:	02/16/23 07:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Patrick Mesa
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Project Information | Chain of Custody | Page 1 of 1

Client: EOG	Bill To	Lab Use Only
Project: Dee 36 State Com Battery	Attention:	Lab WO# E302074 / Job Number 19034-0012
Project Manager: Greg Crabtree	Address:	TAT: 1D X, 2D, 3D, Standard -x-
Address:	City, State, Zip	EPA Program: CWA, SDWA, RCRA x
City, State, Zip	Phone:	State: NM x, CO, UT, AZ, TX
Phone:	Email:	
Email: All Enviro		
Report due by:		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
12:00	2/14/23	S	1	~~SB-15@40ft~~ TH@40ft	1	X	
12:10	2/14/23	S	1	NEC 4-3B	2	X	
12:13	2/14/23	S	1	NEC 4-2BC	3	X	
12:19	2/14/23	S	1	NEC 4-1B	4	X	
12:25	2/14/23	S	1	SW 4-2B	5	X	

Additional Instructions: Sample ID Changes per T. Knight 2.15.23

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Patrick Mesa

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/14/23	19:15	Drew Knight	02/15/23	7:45
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Report to:

Greg Crabtree









5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Dee #36 State Com Battery
Work Order:	E303094
Job Number:	19034-0012
Received:	3/24/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/28/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/28/23

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Dee #36 State Com Battery
Workorder: E303094
Date Received: 3/24/2023 1:52:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/24/2023 1:52:00PM, under the Project Name: Dee #36 State Com Battery.

The analytical test results summarized in this report with the Project Name: Dee #36 State Com Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Dee #36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	03/28/23 17:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1	E303094-01A	Soil	03/23/23	03/24/23	Glass Jar, 4 oz.

Sample Data

EOG Resources	Project Name:	Dee #36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	3/28/2023 5:31:55PM

CS-1

E303094-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2312064
Benzene	ND	0.0250	1	03/24/23	03/27/23	
Ethylbenzene	ND	0.0250	1	03/24/23	03/27/23	
Toluene	ND	0.0250	1	03/24/23	03/27/23	
o-Xylene	ND	0.0250	1	03/24/23	03/27/23	
p,m-Xylene	ND	0.0500	1	03/24/23	03/27/23	
Total Xylenes	ND	0.0250	1	03/24/23	03/27/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*03/24/23*	*03/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*03/24/23*	*03/27/23*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*03/24/23*	*03/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2312064
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/23	03/27/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*03/24/23*	*03/27/23*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*03/24/23*	*03/27/23*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*03/24/23*	*03/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2312060
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/23	03/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/23	03/25/23	
Surrogate: n-Nonane		*110 %*	*50-200*	*03/24/23*	*03/25/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2312058
Chloride	ND	20.0	1	03/24/23	03/26/23	

QC Summary Data

EOG Resources	Project Name:	Dee #36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	3/28/2023 5:31:55PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2312064-BLK1)									Prepared: 03/24/23 Analyzed: 03/27/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.499*		*0.500*		*99.7*	*70-130*			
Surrogate: Toluene-d8	*0.498*		*0.500*		*99.5*	*70-130*			
LCS (2312064-BS1)									Prepared: 03/24/23 Analyzed: 03/27/23
Benzene	2.36	0.0250	2.50		94.4	70-130			
Ethylbenzene	2.26	0.0250	2.50		90.3	70-130			
Toluene	2.25	0.0250	2.50		90.1	70-130			
o-Xylene	2.35	0.0250	2.50		93.8	70-130			
p,m-Xylene	4.67	0.0500	5.00		93.4	70-130			
Total Xylenes	7.02	0.0250	7.50		93.5	70-130			
Surrogate: Bromofluorobenzene	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.475*		*0.500*		*94.9*	*70-130*			
Surrogate: Toluene-d8	*0.503*		*0.500*		*101*	*70-130*			
Matrix Spike (2312064-MS1)				**Source: E303090-07**					Prepared: 03/24/23 Analyzed: 03/27/23
Benzene	2.41	0.0250	2.50	ND	96.4	48-131			
Ethylbenzene	2.41	0.0250	2.50	ND	96.3	45-135			
Toluene	2.41	0.0250	2.50	ND	96.2	48-130			
o-Xylene	2.45	0.0250	2.50	ND	98.0	43-135			
p,m-Xylene	4.83	0.0500	5.00	ND	96.6	43-135			
Total Xylenes	7.28	0.0250	7.50	ND	97.0	43-135			
Surrogate: Bromofluorobenzene	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*70-130*			
Matrix Spike Dup (2312064-MSD1)				**Source: E303090-07**					Prepared: 03/24/23 Analyzed: 03/27/23
Benzene	2.38	0.0250	2.50	ND	95.0	48-131	1.42	23	
Ethylbenzene	2.29	0.0250	2.50	ND	91.7	45-135	4.94	27	
Toluene	2.29	0.0250	2.50	ND	91.5	48-130	5.07	24	
o-Xylene	2.38	0.0250	2.50	ND	95.1	43-135	2.96	27	
p,m-Xylene	4.66	0.0500	5.00	ND	93.2	43-135	3.54	27	
Total Xylenes	7.04	0.0250	7.50	ND	93.8	43-135	3.35	27	
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.495*		*0.500*		*98.9*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee #36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	3/28/2023 5:31:55PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2312064-BLK1)									Prepared: 03/24/23 Analyzed: 03/27/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.499*		*0.500*		*99.7*	*70-130*			
Surrogate: Toluene-d8	*0.498*		*0.500*		*99.5*	*70-130*			
LCS (2312064-BS2)									Prepared: 03/24/23 Analyzed: 03/24/23
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0		93.0	70-130			
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: Toluene-d8	*0.505*		*0.500*		*101*	*70-130*			
Matrix Spike (2312064-MS2)				**Source: E303090-07**					Prepared: 03/24/23 Analyzed: 03/24/23
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.7	70-130			
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.497*		*0.500*		*99.3*	*70-130*			
Surrogate: Toluene-d8	*0.510*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2312064-MSD2)				**Source: E303090-07**					Prepared: 03/24/23 Analyzed: 03/24/23
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.2	70-130	1.49	20	
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.507*		*0.500*		*101*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	Dee #36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	3/28/2023 5:31:55PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2312060-BLK1)									Prepared: 03/24/23 Analyzed: 03/24/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.7*		*50.0*		*105*	*50-200*			
LCS (2312060-BS1)									Prepared: 03/24/23 Analyzed: 03/24/23
Diesel Range Organics (C10-C28)	196	25.0	250		78.3	38-132			
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*50-200*			
Matrix Spike (2312060-MS1)				**Source: E303084-03**					Prepared: 03/24/23 Analyzed: 03/27/23
Diesel Range Organics (C10-C28)	237	25.0	250	48.1	75.4	38-132			
Surrogate: n-Nonane	*46.9*		*50.0*		*93.7*	*50-200*			
Matrix Spike Dup (2312060-MSD1)				**Source: E303084-03**					Prepared: 03/24/23 Analyzed: 03/27/23
Diesel Range Organics (C10-C28)	244	25.0	250	48.1	78.4	38-132	3.19	20	
Surrogate: n-Nonane	*46.2*		*50.0*		*92.4*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	Dee #36 State Com Battery	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	3/28/2023 5:31:55PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2312058-BLK1)									Prepared: 03/24/23 Analyzed: 03/26/23
Chloride	ND	20.0							
LCS (2312058-BS1)									Prepared: 03/24/23 Analyzed: 03/26/23
Chloride	263	20.0	250		105	90-110			
Matrix Spike (2312058-MS1)				**Source: E303086-21**					Prepared: 03/24/23 Analyzed: 03/26/23
Chloride	294	20.0	250	30.7	105	80-120			
Matrix Spike Dup (2312058-MSD1)				**Source: E303086-21**					Prepared: 03/24/23 Analyzed: 03/26/23
Chloride	292	20.0	250	30.7	105	80-120	0.460	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	Dee #36 State Com Battery	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	03/28/23 17:31

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 1/23/2024 1:00:02 AM

Project Information | Chain of Custody | Page 1 of 1

Client:EOG Resources	**Bill To**
Project: DEE #36 State Com battery	Attention:
Project Manager: Greg Crabtree	Address:
Address:	City, State, Zip
City, State, Zip	Phone:
Phone:	Email:
Email: All Enviro	
Report due by:	

Lab Use Only

Lab WO# E303094 | Job Number 19034-0012

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA x

State: NM x | CO | UT | AZ | TX

Analysis and Method: BDGOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC	Remarks
15:15	3/23/23	S	1	CS-1	1	X	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Austin Foutz

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Austin Foutz	3/24/23	13:52		3/24/23	13:52
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: Y (N)
T1 22 T2 23 T3 22.8
AVG Temp °C 22

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 3/24/2023 1:58:26PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	03/24/23 13:52	Work Order ID:	E303094
Phone:	(575) 748-4217	Date Logged In:	03/24/23 13:55	Logged In By:	Alexa Michaels
Email:		Due Date:	03/27/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Austin Foutz
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	No
8. If yes, was cooler received in good condition?	NA
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	No
13. If no visible ice, record the temperature. Actual sample temperature: 22°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	DEE 36 STATE COM
Work Order:	E306191
Job Number:	19034-0012
Received:	6/26/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/27/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/27/23

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: DEE 36 STATE COM
Workorder: E306191
Date Received: 6/26/2023 7:00:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/26/2023 7:00:00AM, under the Project Name: DEE 36 STATE COM.

The analytical test results summarized in this report with the Project Name: DEE 36 STATE COM apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	06/27/23 13:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
B-25	E306191-01A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B-26	E306191-02A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B-27-2	E306191-03A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B-28-2	E306191-04A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
NEC 1-2	E306191-05A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
NEC 4-2	E306191-06A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
NEC -7	E306191-07A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	6/27/2023 1:23:22PM

B-25

E306191-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2326003
Benzene	ND	0.0250	1	06/26/23	06/27/23	
Ethylbenzene	ND	0.0250	1	06/26/23	06/27/23	
Toluene	ND	0.0250	1	06/26/23	06/27/23	
o-Xylene	ND	0.0250	1	06/26/23	06/27/23	
p,m-Xylene	ND	0.0500	1	06/26/23	06/27/23	
Total Xylenes	ND	0.0250	1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*06/26/23*	*06/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2326003
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.0 %*	*70-130*	*06/26/23*	*06/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2326010
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/23	06/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/23	06/27/23	
Surrogate: n-Nonane		*76.9 %*	*50-200*	*06/26/23*	*06/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2326008
Chloride	**3320**	20.0	1	06/26/23	06/26/23	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	6/27/2023 1:23:22PM

B-26

E306191-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2326003
Benzene	ND	0.0250	1	06/26/23	06/27/23	
Ethylbenzene	ND	0.0250	1	06/26/23	06/27/23	
Toluene	ND	0.0250	1	06/26/23	06/27/23	
o-Xylene	ND	0.0250	1	06/26/23	06/27/23	
p,m-Xylene	ND	0.0500	1	06/26/23	06/27/23	
Total Xylenes	ND	0.0250	1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*06/26/23*	*06/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2326003
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.7 %*	*70-130*	*06/26/23*	*06/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2326010
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/23	06/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/23	06/27/23	
Surrogate: n-Nonane		*78.4 %*	*50-200*	*06/26/23*	*06/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2326008
Chloride	**306**	20.0	1	06/26/23	06/26/23	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	6/27/2023 1:23:22PM

B-27-2

E306191-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2326003
Benzene	ND	0.0250	1	06/26/23	06/27/23	
Ethylbenzene	ND	0.0250	1	06/26/23	06/27/23	
Toluene	ND	0.0250	1	06/26/23	06/27/23	
o-Xylene	ND	0.0250	1	06/26/23	06/27/23	
p,m-Xylene	ND	0.0500	1	06/26/23	06/27/23	
Total Xylenes	ND	0.0250	1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*06/26/23*	*06/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2326003
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*06/26/23*	*06/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2326010
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/23	06/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/23	06/27/23	
Surrogate: n-Nonane		*84.1 %*	*50-200*	*06/26/23*	*06/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2326008
Chloride	**1790**	20.0	1	06/26/23	06/26/23	

Sample Data

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	6/27/2023 1:23:22PM

B-28-2

E306191-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2326003
Benzene	ND	0.0250	1	06/26/23	06/27/23	
Ethylbenzene	ND	0.0250	1	06/26/23	06/27/23	
Toluene	ND	0.0250	1	06/26/23	06/27/23	
o-Xylene	ND	0.0250	1	06/26/23	06/27/23	
p,m-Xylene	ND	0.0500	1	06/26/23	06/27/23	
Total Xylenes	ND	0.0250	1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*06/26/23*	*06/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2326003
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.5 %*	*70-130*	*06/26/23*	*06/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2326010
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/23	06/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/23	06/27/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*06/26/23*	*06/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2326008
Chloride	**1500**	20.0	1	06/26/23	06/26/23	

QC Summary Data

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	6/27/2023 1:23:22PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2326003-BLK1)									Prepared: 06/26/23 Analyzed: 06/27/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.59*		*8.00*		*94.8*	*70-130*			
LCS (2326003-BS1)									Prepared: 06/26/23 Analyzed: 06/26/23
Benzene	4.99	0.0250	5.00		99.9	70-130			
Ethylbenzene	4.86	0.0250	5.00		97.3	70-130			
Toluene	4.95	0.0250	5.00		98.9	70-130			
o-Xylene	4.87	0.0250	5.00		97.4	70-130			
p,m-Xylene	9.90	0.0500	10.0		99.0	70-130			
Total Xylenes	14.8	0.0250	15.0		98.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.43*		*8.00*		*92.8*	*70-130*			
Matrix Spike (2326003-MS1)				**Source: E306191-03**					Prepared: 06/26/23 Analyzed: 06/26/23
Benzene	5.04	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	61-133			
Toluene	4.99	0.0250	5.00	ND	99.8	61-130			
o-Xylene	4.91	0.0250	5.00	ND	98.2	63-131			
p,m-Xylene	9.99	0.0500	10.0	ND	99.9	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.43*		*8.00*		*92.9*	*70-130*			
Matrix Spike Dup (2326003-MSD1)				**Source: E306191-03**					Prepared: 06/26/23 Analyzed: 06/26/23
Benzene	5.09	0.0250	5.00	ND	102	54-133	1.04	20	
Ethylbenzene	4.97	0.0250	5.00	ND	99.4	61-133	1.22	20	
Toluene	5.04	0.0250	5.00	ND	101	61-130	0.986	20	
o-Xylene	4.98	0.0250	5.00	ND	99.5	63-131	1.40	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	1.32	20	
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131	1.35	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.48*		*8.00*		*93.5*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	6/27/2023 1:23:22PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2326003-BLK1)									Prepared: 06/26/23 Analyzed: 06/27/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.28*		*8.00*		*91.1*	*70-130*			
LCS (2326003-BS2)									Prepared: 06/26/23 Analyzed: 06/27/23
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0		96.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			
Matrix Spike (2326003-MS2)				**Source: E306191-03**					Prepared: 06/26/23 Analyzed: 06/27/23
Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.39*		*8.00*		*92.4*	*70-130*			
Matrix Spike Dup (2326003-MSD2)				**Source: E306191-03**					Prepared: 06/26/23 Analyzed: 06/27/23
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0	ND	92.2	70-130	0.734	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.9*	*70-130*			

QC Summary Data

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	6/27/2023 1:23:22PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2326010-BLK1)									Prepared: 06/26/23 Analyzed: 06/26/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.7*		*50.0*		*91.5*	*50-200*			
LCS (2326010-BS1)									Prepared: 06/26/23 Analyzed: 06/26/23
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132			
Surrogate: n-Nonane	*37.7*		*50.0*		*75.4*	*50-200*			
Matrix Spike (2326010-MS1)				**Source: E306193-22**					Prepared: 06/26/23 Analyzed: 06/26/23
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	*36.0*		*50.0*		*72.0*	*50-200*			
Matrix Spike Dup (2326010-MSD1)				**Source: E306193-22**					Prepared: 06/26/23 Analyzed: 06/26/23
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.1	38-132	6.82	20	
Surrogate: n-Nonane	*39.1*		*50.0*		*78.2*	*50-200*			

QC Summary Data

EOG Resources	Project Name:	DEE 36 STATE COM	**Reported:**
104 South 4th Street	Project Number:	19034-0012	
Artesia NM, 88210	Project Manager:	Greg Crabtree	6/27/2023 1:23:22PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2326008-BLK1)									Prepared: 06/26/23 Analyzed: 06/26/23
Chloride	ND	20.0							
LCS (2326008-BS1)									Prepared: 06/26/23 Analyzed: 06/26/23
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2326008-MS1)				**Source: E306192-01**					Prepared: 06/26/23 Analyzed: 06/26/23
Chloride	416	20.0	250	187	91.7	80-120			
Matrix Spike Dup (2326008-MSD1)				**Source: E306192-01**					Prepared: 06/26/23 Analyzed: 06/26/23
Chloride	469	20.0	250	187	113	80-120	12.1	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources	Project Name:	DEE 36 STATE COM	
104 South 4th Street	Project Number:	19034-0012	**Reported:**
Artesia NM, 88210	Project Manager:	Greg Crabtree	06/27/23 13:23

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 11/25/2024 8:05:26 AM
Received by OCD: 12/3/2024 1:00:02 AM

Project Information | Chain of Custody | Page 1 of 1

Client:	EOG
Project:	DEE 36 State Com
Project Manager:	Greg Crabtree
Address:	
City, State, Zip	
Phone:	
Email:	All Enviro
Report due by:	

Bill To

Attention:	
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO#	Job Number
E306191	19034-0012

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA
		X

State

NM	CO	UT	AZ	TX
X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	NM- BGDOC	Remarks
8:45	6/23/23	S	1	B-25	1							X	
9:00				B-26	2								
10:07				B-27-2	3								
10:22				B-28-2	4								
10:33				NEC1-2	5								
10:40				NEC4-2	6								
10:47				NEC-7	7								

Analysis and Method

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: A. Fourz

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	6-23-23	19:14	[signature]	6.26.23	700
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 6/26/2023 2:44:11PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	06/26/23 07:00	Work Order ID:	E306191
Phone:	(575) 748-4217	Date Logged In:	06/26/23 07:53	Logged In By:	Alexa Michaels
Email:		Due Date:	06/27/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Austin Foutz
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Appendix 4

Site Photography

Released to Imaging: 11/25/2024 8:05:26 AM

Site Photography
EOG Resources
Dee 36 State Com Battery
32.61675, -104.55663



Photo 1: Initial Site Area south facing.



Photo 2: Entrance to excavation from Rock Daisy Road, Road 23

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Site Photography
EOG Resources
Dee 36 State Com Battery
32.61675, -104.55663



Photo 4: South Wall Continued Excavation.



Photo 5: Contaminate Depth Delineation Testing.

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Site Photography
EOG Resources
Dee 36 State Com Battery
32.61675, -104.55663



Photo 6: East of Pit Land Farm Cells



Photo 7: Continued Excavation December 2022

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EOG Resources
Dee 36 State Com Battery
32.61675, -104.55663



Photo 8: Land Farm Sampling May 2022 Facing West



Photo 9: Land Farm Sampling May 2022 Facing East

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Site Photography
EOG Resources
Dee 36 State Com Battery
32.61675, -104.55663



Photo 10: Spayer Being filled with Remediact Treatment spray for Land Farm June 2022.



Photo 11: Remediact Spray Efforts on the Land Farm Cells.

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Site Photography
EOG Resources
Dee 36 State Com Battery
32.61675, -104.55663



Photo 12: Finished Remediact Spraying on Land Farm Cells June 2022

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Received by OCD: 1/23/2024 1:00:02 AM

Appendix 5

Regulatory Correspondence

Released to Imaging: 11/25/2024 8:05:26 AM

From:	Brittany Hall
To:	Greg Crabtree; Tami Knight
Subject:	FW: Dee 36 State Com Battery
Date:	Tuesday, April 5, 2022 3:47:05 PM
Attachments:	2020-07-27.pdf 2020-05-20.pdf 2020-04-16.pdf 2016-03-14.pdf 2016-03-14 (2).pdf 2020-05-27.pdf 2017.03.14.pdf 2022-02-07.pdf 2021-06-07.pdf 2021-05-25.pdf 2020-12-10.pdf 2021-03-15.pdf 2020-08-25.pdf 2020-10-12.pdf 2020-11-23.pdf

---

Brittany Hall
Environmental Staff Scientist
Envirotech, Inc. | 5796 US Highway 64 | Farmington, NM 87401
505.632.0615 Office | 505.632.1865 Fax | 505.947.9179 Cell
http://envirotech-inc.com/

From: Jeremy Haass <Jeremy_Haass@eogresources.com>
Sent: Tuesday, April 5, 2022 3:29 PM
To: Brittany Hall <bhall@envirotech-inc.com>
Subject: FW: Dee 36 State Com Battery

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lets talk tomorrow.

From: Will Kierdorf <will@rangerenv.com>
Sent: Friday, April 1, 2022 12:02 PM
To: Jeremy Haass <Jeremy_Haass@eogresources.com>
Subject: Dee 36 State Com Battery

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Jermey,

As requested please see the attached laboratory reports for the Dee 36 State Com Battery. Please note that some of the reports are for samples collected by parties other than Ranger and have been supplied by Bob Asher as he was our original contact for EOG on the project. The reports are titled by date of the sample collection.

Please let me know if you have any questions.

--

Will Kierdorf, REM
Project Manager
Ranger Environmental Services, Inc.
P.O. Box 201179
Austin, TX 78720
Phone: 512-335-1785
Fax: 512-335-0527

Brittany Hall

From: Jeremy Haass <Jeremy_Haass@eogresources.com>
Sent: Friday, July 29, 2022 10:29 AM
To: Brittany Hall; Tami Knight
Subject: FW: Dee 36 State Com Battery (nAPP1520158982) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Friday, July 29, 2022 6:59 AM
To: Jennifer Nobui <Jennifer.Nobui@state.nm.us>; Jocelyn Harimon <Jocelyn.Harimon@state.nm.us>; Mike Bratcher <mike.bratcher@state.nm.us>; Robert Hamlet <Robert.Hamlet@state.nm.us>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Dee 36 State Com Battery (nAPP1520158982) Sampling Notification

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Dee 36 State Com Battery
M-36-19S-24E
Eddy County, NM
nAPP1520158982

Sampling will begin at 8:00 a.m. on Tuesday, August 2, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com

eog resources
Artesia Division

Brittany Hall

From: Jeremy Haass <Jeremy_Haass@eogresources.com>
Sent: Friday, July 29, 2022 7:20 AM
To: Tami Knight
Cc: Brittany Hall; Chasitty Todacheenie
Subject: RE: NMOCD Confirmation Sample Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I will double check internally. This release was turned over to me.

From: Tami Knight <TKnight@envirotech-inc.com>
Sent: Friday, July 29, 2022 7:16 AM
To: Jeremy Haass <Jeremy_Haass@eogresources.com>
Cc: Brittany Hall <bhall@envirotech-inc.com>; Chasitty Todacheenie <ctodacheenie@envirotech-inc.com>
Subject: RE: NMOCD Confirmation Sample Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

When I look that number up nothing pops up on their website, but that also doesn't necessarily mean your number is incorrect. We will use that number going forward.

Thank you
Tami

From: Jeremy Haass <Jeremy_Haass@eogresources.com>
Sent: Friday, July 29, 2022 7:11 AM
To: Tami Knight <TKnight@envirotech-inc.com>
Subject: RE: NMOCD Confirmation Sample Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

This is what I have. Let me know if its incorrect. Thank you

nAPP1520158982

From: Tami Knight <TKnight@envirotech-inc.com>
Sent: Friday, July 29, 2022 6:57 AM
To: Jeremy Haass <Jeremy_Haass@eogresources.com>
Subject: RE: NMOCD Confirmation Sample Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Jeremy,

Will you please confirm the incident number for Dee 36 location. You sent me one a while back, but when we look it up it does not reference any release on the NMOCD website. I want to make sure we include the correct number in our documentation. There are a few Dee 36 incidents on the OCD incident web page.

Thank you,

Tami

From: Jeremy Haass <Jeremy_Haass@eogresources.com>
Sent: Friday, July 29, 2022 6:53 AM
To: Brittany Hall <bhall@envirotech-inc.com>
Cc: Tami Knight <TKnight@envirotech-inc.com>; Greg Crabtree <gcrabtree@envirotech-inc.com>; Kholeton Sanchez <ksanchez@envirotech-inc.com>; Chasitty Todacheenie <ctodacheenie@envirotech-inc.com>
Subject: RE: NMOCD Confirmation Sample Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

The sample notification has been sent to Regulatory.

From: Brittany Hall <bhall@envirotech-inc.com>
Sent: Wednesday, July 27, 2022 12:00 PM
To: Jeremy Haass <Jeremy_Haass@eogresources.com>
Cc: Tami Knight <TKnight@envirotech-inc.com>; Greg Crabtree <gcrabtree@envirotech-inc.com>; Kholeton Sanchez <ksanchez@envirotech-inc.com>; Chasitty Todacheenie <ctodacheenie@envirotech-inc.com>
Subject: NMOCD Confirmation Sample Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Jeremy,

Please see below for the sampling request for the Dee 36 State Com Battery below.

Dee 36 State Com Battery
30-015-26185
Unit M, Section 36, T19S, R24E
Eddy County, NM
Landfarm Cells – Treatment Zone

Sampling will begin at 8:00 am on Tuesday, August 2, 2022.

Notification to NMOCD

Please reconfirm the incident number for this site.

Thank you,
Brittany Hall
Environmental Staff Scientist
Envirotech, Inc. | 5796 US Highway 64 | Farmington, NM 87401
505.632.0615 Office | 505.632.1865 Fax | 505.947.9179 Cell



http://envirotech-inc.com/

From: Jeremy Haass
To: Tami Knight
Subject: FW: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification
Date: Wednesday, September 21, 2022 1:19:50 PM
Attachments: image001.png
image002.png

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI

Jeremy Haass
Safety & Environmental Specialist
EOG Resources – Artesia Division
104 S. 4th Street
Artesia, NM 88210
Office: (575) 748-4311
Fax: (575) 748-4131
Cell: (575) 513-9235
jeremy_haass@eogresources.com

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, September 21, 2022 1:14 PM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification

FYI

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Wednesday, September 21, 2022 1:06 PM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Tina

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, September 21, 2022 1:03 PM
To: mnaranjo@slo.state.nm.us; rmann@slo.state.nm.us; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification

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

Good Afternoon,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Dee 36 State Com Battery
M-36-19S-24E
Eddy County, NM
2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982

Sampling will begin at 8:00 a.m. on Thursday, September 29, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com

eog resources
Artesia Division

From:	Jeremy Haass
To:	Tami Knight
Subject:	FW: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification
Date:	Monday, October 24, 2022 10:50:40 AM
Attachments:	image001.png image003.png

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI

Jeremy Haass
Safety & Environmental Specialist
EOG Resources – Artesia Division
104 S. 4th Street
Artesia, NM 88210
Office: (575) 748-4311
Fax: (575) 748-4131
Cell: (575) 513-9235
jeremy_haass@eogresources.com

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Monday, October 24, 2022 10:50 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification

FYI

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Monday, October 24, 2022 10:20 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Tina

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Friday, October 21, 2022 9:50 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification

Jocelyn Harimon ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@state.nm.us
http:// **www.emnrd.nm.gov**

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Friday, October 21, 2022 9:15 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Griffin, Becky R. <bgriffin@slo.state.nm.us>; wbarnes <wbarnes@slo.state.nm.us>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification

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

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Dee 36 State Com Battery
M-36-19S-24E
Eddy County, NM
2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982

Sampling will begin at 8:00 a.m. on Wednesday, October 26, 2022 and continue through Friday, October 28, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com

eog resources
Artesia Division

From: Amber Griffin
To: Tami Knight
Cc: Jeremy Haass
Subject: FW: [EXTERNAL] Dee 36 SW State Com Battery (2RP-484,nMLB1032731552, 2RP-3134,nAB1520158982) Sampling notification
Date: Thursday, November 3, 2022 11:15:38 AM

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FYI

Thank you,
Amber Griffin

From: Miriam Morales <Miriam_Morales@eogresources.com>
Sent: Thursday, November 3, 2022 11:03 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Subject: FW: [EXTERNAL] Dee 36 SW State Com Battery (2RP-484,nMLB1032731552, 2RP-3134,nAB1520158982) Sampling notification

FYI.

Miriam Morales

From: Billings, Bradford, EMNRD <Bradford.Billings@emnrd.nm.gov>
Sent: Thursday, November 3, 2022 10:58 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Cc: Miriam Morales <Miriam_Morales@eogresources.com>
Subject: RE: [EXTERNAL] Dee 36 SW State Com Battery (2RP-484,nMLB1032731552, 2RP-3134,nAB1520158982) Sampling notification

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Hello,

Thank you for the notification. Please keep a copy of this communication and include in allied report(s).

Bradford Billings
EMNRD/OCD

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, November 3, 2022 10:57 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Billings, Bradford, EMNRD <Bradford.Billings@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Dee 36 SW State Com Battery (2RP-484,nMLB1032731552, 2RP-3134,nAB1520158982) Sampling notification

Jocelyn Harimon ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@state.nm.us
http:// **www.emnrd.nm.gov**

From: Miriam Morales <Miriam_Morales@eogresources.com>
Sent: Thursday, November 3, 2022 9:56 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; bgriffin@slo.state.nm.us; wbarnes <wbarnes@slo.state.nm.us>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Dee 36 SW State Com Battery (2RP-484,nMLB1032731552, 2RP-3134,nAB1520158982) Sampling notification

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

Good morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Dee 36 SW State Com Battery (30-015-26185)
Unit M, Section 36, T19S, R24E
Eddy County, NM
2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982

Sampling will begin at 8:00 a.m. on Wednesday, November 9, 2022 and will continue through Thursday, November 10, 2022.

Thank you,

Miriam Morales

From: Jeremy Haass
To: Tami Knight
Subject: FW: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notifications
Date: Wednesday, November 30, 2022 10:12:21 AM
Attachments: image003.png
image001.png

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI

Jeremy Haass
Safety & Environmental Specialist
EOG Resources – Artesia Division
104 S. 4th Street
Artesia, NM 88210
Office: (575) 748-4311
Fax: (575) 748-4131
Cell: (575) 513-9235
jeremy_haass@eogresources.com

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, November 30, 2022 9:29 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notifications

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Wednesday, November 30, 2022 9:12 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Billings, Bradford, EMNRD <Bradford.Billings@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notifications

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Jocelyn Harimon ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
http:// **www.emnrd.nm.gov**

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, November 30, 2022 8:40 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Griffin, Becky R. <bgriffin@slo.state.nm.us>; wbarnes <wbarnes@slo.state.nm.us>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notifications

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

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Dee 36 State Com Battery
M-36-19S-24E
Eddy County, NM
2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982

Sampling will begin at 8:00 a.m. on Tuesday, December 6, 2022 and continue through Thursday, December 8, 2022 at 5:00 p.m.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168

Cell: 575.703.3121
Email: tina_huerta@eogresources.com

eog resources

Artesia Division

From:	Jeremy Haass
To:	Tami Knight
Subject:	FW: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling notification
Date:	Monday, January 9, 2023 7:11:31 AM
Attachments:	image003.png image001.png

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Jeremy Haass
Safety & Environmental Specialist
EOG Resources – Artesia Division
104 S. 4th Street
Artesia, NM 88210
Office: (575) 748-4311
Fax: (575) 748-4131
Cell: (575) 513-9235
jeremy_haass@eogresources.com

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Friday, January 6, 2023 10:39 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Friday, January 6, 2023 8:16 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Tina,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Jocelyn Harimon ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
http:// **www.emnrd.nm.gov**

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Friday, January 6, 2023 6:54 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling notification

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

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Dee 36 State Com Battery
M-36-19S-24E
Eddy County, NM
2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982

Sampling will begin at 8:00 a.m. on Tuesday, January 10, 2023 and continue through Thursday, January 12, 2023 at 5:00 p.m.

Thank you,

Tina Huerta

Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com

eog resources

Artesia Division

From: Jeremy Haass
To: Tami Knight
Subject: FW: C-138 Dee 36 State Renewal -expires today
Date: Thursday, January 19, 2023 2:30:42 PM
Attachments: image001.png

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Jeremy Haass
Safety & Environmental Specialist
EOG Resources – Artesia Division
104 S. 4th Street
Artesia, NM 88210
Office: (575) 748-4311
Fax: (575) 748-4131
Cell: (575) 513-9235
jeremy_haass@eogresources.com

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, January 19, 2023 12:25 PM
To: Jeremy Haass <Jeremy_Haass@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>
Cc: Yvette Moore <Yvette_Moore@eogresources.com>; Chase Settle <Chase_Settle@eogresources.com>; Amber Griffin <Amber_Griffin@eogresources.com>
Subject: RE: C-138 Dee 36 State Renewal -expires today

Good afternoon Jeremy,

I just submitted the C-138 for the below mentioned well and it will not expire until 2/18/23.

Thank you sir!

From: Jeremy Haass <Jeremy_Haass@eogresources.com>
Sent: Thursday, January 19, 2023 11:02 AM
To: Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>
Cc: Yvette Moore <Yvette_Moore@eogresources.com>; Chase Settle <Chase_Settle@eogresources.com>; Amber Griffin <Amber_Griffin@eogresources.com>

Subject: FW: C-138 Dee 36 State Renewal -expires today

Please renew the below C-138. Thank you.

Jeremy Haass
Safety & Environmental Specialist
EOG Resources – Artesia Division
104 S. 4th Street
Artesia, NM 88210
Office: (575) 748-4311
Fax: (575) 748-4131
Cell: (575) 513-9235
jeremy_haass@eogresources.com



From: Tami Knight <TKnight@envirotech-inc.com>
Sent: Thursday, January 19, 2023 8:01 AM
To: Jeremy Haass <Jeremy_Haass@eogresources.com>
Cc: Amber Griffin <Amber_Griffin@eogresources.com>
Subject: C-138 Dee 36 State Renewal -expires today

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C-138: Dee 36 SW State Com Battery
Originating Site Name Dee 36 SW State Com Battery
Location M-Sec 36-T19S-R24E, Eddy County, NM
Source & Description
Impacted Soil - Produced Water and Crude Oil
Estimated Volume 4,000 cubic yards
Transporter TnT Backhoe
Name of Disposal Facility Lealand

Tina,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
http:// **www.emnrd.nm.gov**

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Monday, January 30, 2023 1:50 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; spills@slo.state.nm.us
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification

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Good Afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Dee 36 State Com Battery
M-36-19S-24E
Eddy County, NM
2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982

Sampling will begin at 2:00 p.m. on Wednesday, February 1, 2023.

Thank you,

Tina Huerta
Regulatory Specialist

From: Jeremy Haass
To: Tami Knight
Subject: FW: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification
Date: Monday, February 13, 2023 7:57:00 AM
Attachments: image003.png
image001.png

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FYI

Jeremy Haass
Safety & Environmental Specialist
EOG Resources – Artesia Division
104 S. 4th Street
Artesia, NM 88210
Office: (575) 748-4311
Fax: (575) 748-4131
Cell: (575) 513-9235
jeremy_haass@eogresources.com

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Monday, February 13, 2023 7:36 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Friday, February 10, 2023 8:40 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: RE: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification

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Tina,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
http:// **www.emnrd.nm.gov**

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Friday, February 10, 2023 7:30 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Dee 36 State Com Battery (2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982) Sampling Notification

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

Good afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Dee 36 State Com Battery
M-36-19S-24E
Eddy County, NM
2RP-484, nMLB1032731552, 2RP-3134, nAB1520158982

Sampling will begin at 12:00 p.m. on Tuesday, February 14, 2023, and will continue through 5:00 p.m. on Wednesday, February 15, 2023.

Thank you,

From:	Greg Crabtree
To:	Bailee Spearman
Subject:	Fw: Dee 36 SW State Com Battery (NMLB0617247298, NSEB0815548474, NMLB1032731552, NAB1520158982) Sampling Notification
Date:	Monday, June 26, 2023 8:51:10 AM
Attachments:	image001.png image002.png

From: Jeremy Haass <Jeremy_Haass@eogresources.com>
Sent: Tuesday, June 20, 2023 7:28 AM
To: Greg Crabtree <gcrabtree@envirotech-inc.com>
Subject: FW: Dee 36 SW State Com Battery (NMLB0617247298, NSEB0815548474, NMLB1032731552, NAB1520158982) Sampling Notification

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FYI

Jeremy Haass
Safety & Environmental Specialist
EOG Resources – Artesia Division
104 S. 4th Street
Artesia, NM 88210
Office: (575) 748-4311
Fax: (575) 748-4131
Cell: (575) 513-9235
jeremy_haass@eogresources.com

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Monday, June 19, 2023 8:36 AM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Dee 36 SW State Com Battery (NMLB0617247298, NSEB0815548474, NMLB1032731552, NAB1520158982) Sampling Notification

Good morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Dee 36 SW State Com Battery

M-36-19S-24E
Eddy County, NM
NMLB0617247298, NSEB0815548474, NMLB1032731552, NAB1520158982

Sampling will begin at 8:00 a.m. on Thursday, June 22, 2023, and will continue through Friday, June 23, 2023.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com

Artesia Division

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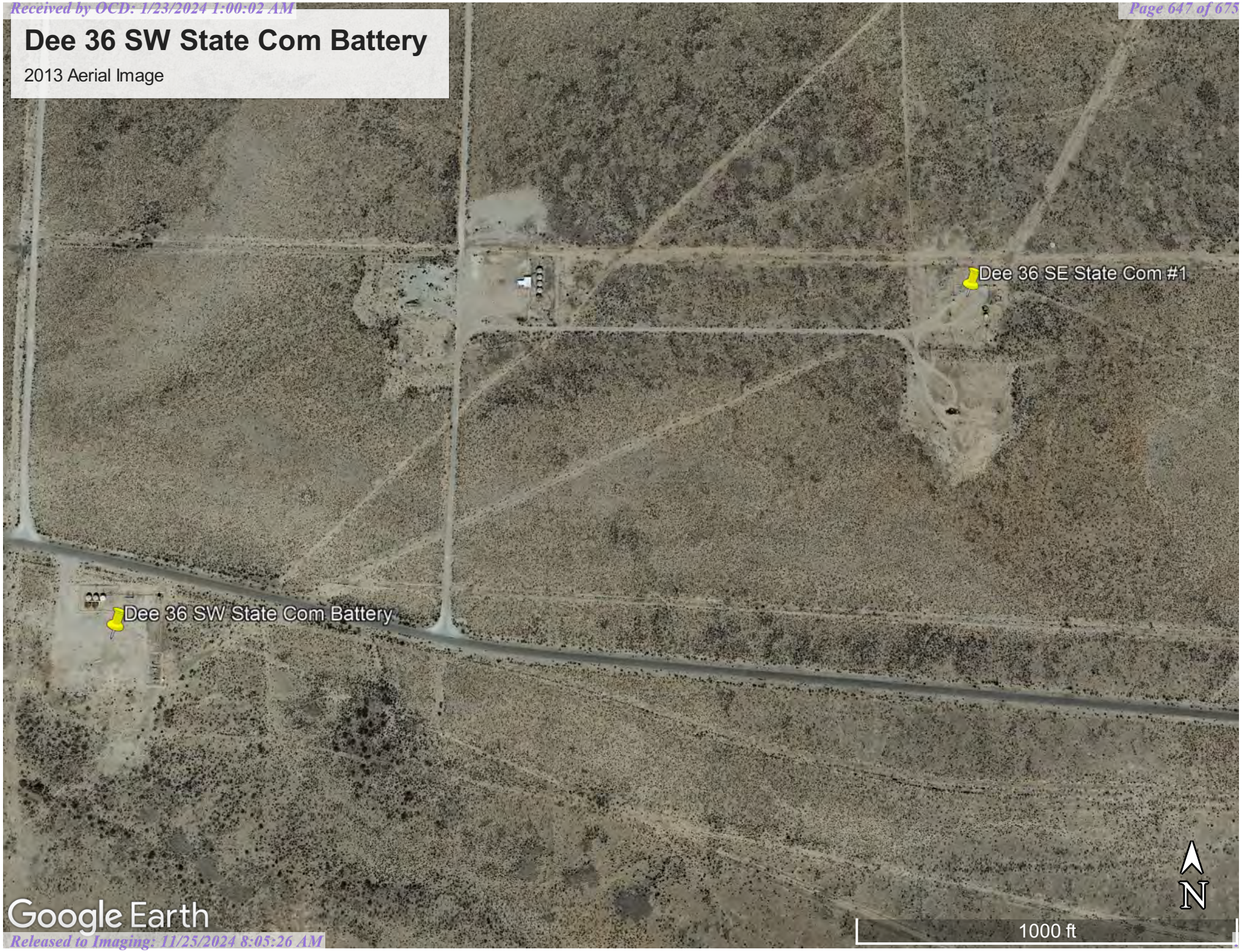
Appendix 6

Incident Report and Historical Aerial Imagery

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Dee 36 SW State Com Battery

2013 Aerial Image



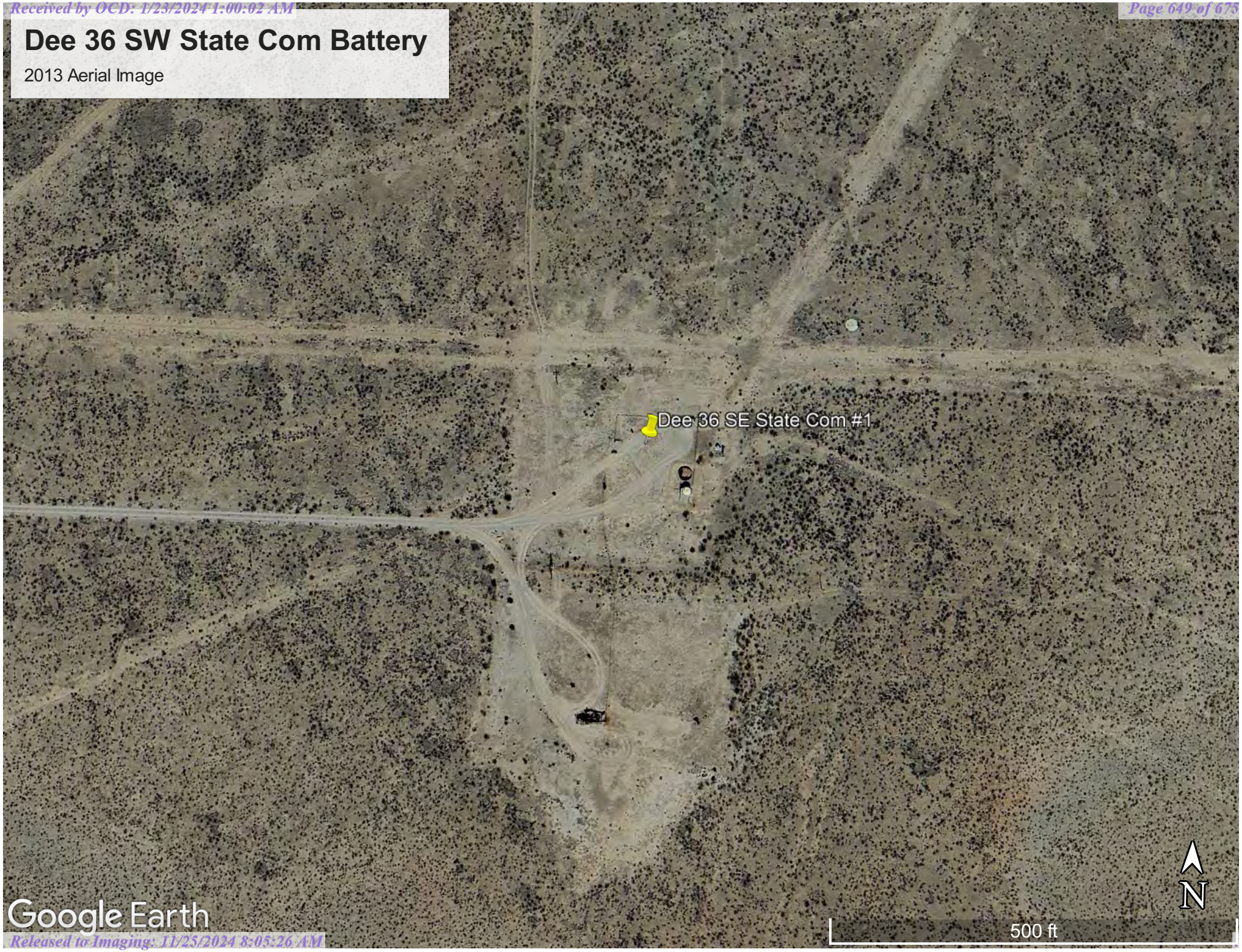
Dee 36 SW State Com Battery

2013 Aerial Image



Dee 36 SW State Com Battery

2013 Aerial Image



NM OIL CONSERVATION
ARTESIA DISTRICT
JUL 14 2015
RECEIVED

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

nAB1520158982

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	OGRID Number	Contact
Yates Petroleum Corporation	25575	Robert Asher
Address		Telephone No.
104 S. 4th Street		575-748-1471
Facility Name		Facility Type
Dee 36 State Com Battery		Battery

Surface Owner	Mineral Owner	API No.
State	State	30-015-21881

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	36	19S	24E	1980	South	1980	East	Eddy

Latitude 32.61543 **Longitude** 104.53853

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Crude Oil	12 B/PW	10 B/PW
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Production Tank	6/22/2015; AM	6/22/2015; AM
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
	N/A	
By Whom?	Date and Hour	
N/A	N/A	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
There was a hole in the production tank, causing the release. Vacuum truck(s) and roustabout crews were called.

Describe Area Affected and Cleanup Action Taken.*
An approximate area of 30'X 20' was affected within the lined/bermed battery. The tank was isolated and the valves were closed. A vacuum truck recovered approximately 83% (10 B/O) of the released crude oil and repairs were made to the production tank. Vertical and horizontal delineation samples will be taken and analysis ran for TPH & BTEX. If initial analytical results for TPH & BTEX are under RRAL's a Final Report, C-141 will be submitted to the NMOCD requesting closure. If the analytical results are above the RRAL's a work plan will be submitted to the NMOCD. **Depth to Ground Water: > 100' (approximately 250', per ChevronTexaco Trend Map), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:

Printed Name: Robert Asher

Title: NM Environmental Regulatory Supervisor

E-mail Address: boba@yatespetroleum.com

Date: July 14, 2015 Phone: 575-748-4217

OIL CONSERVATION DIVISION

Signed By

Approved by Environmental Specialist:

Approval Date: 7/20/15 Expiration Date: N/A

Conditions of Approval:
Remediation per O.C.D. Rules & Guidelines
SUBMIT REMEDIATION PROPOSAL NO LATER THAN: 8/22/15

Attached ☐

2RP-3134

* Attach Additional Sheets If Necessary

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Appendix 7

Geologic Discussion

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envirotech

Stratigraphy, Piedmont Deposits and Karst Topography of the Dee 36 State Com Battery

Patrick Mesa
8-17-2023

Dee 36 State Com Battery

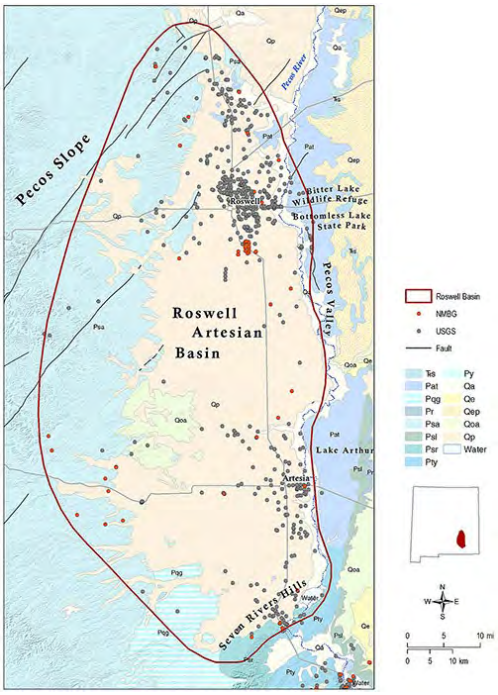
Location Background

The Dee 36 State Com Battery, API 30-015-26185, located in Section 36, Township 19S, Range 24E (32.613016, -104.547127) in Eddy County, New Mexico (**Figure 1, Site Map**). The site housed several above ground storage tanks with a production unit onsite. After 2011 the production unit was removed. The tanks were subsequently removed, and a release occurred. Other workers began remediation at the site. Envirotech succeeded the other workers and continued remedial activities in April of 2022. Envirotech completed a remedial excavation to depths of 35 feet below ground surface (bgs) to remediate the location. A test hole at 40 feet bgs in the center of the remedial excavation to determine the vertical extent of contamination. Contaminant concentrations at 40 feet bgs exceed the less than 50-foot depth to groundwater closure criteria. The depth to groundwater is 280-300 feet bgs.



Picture 1: Lenticular interbedded dolomitic limestone deposits. Displays of fluvial graded bedding.

The site is located on a Quaternary pediment material consisting of clastic debris from the Guadalupian and Brokeoff mountain range as well as locally fluvial transported dolomitic limestone from nearby outcrops of the Capitan uplift and other in situ, reworked debris from lower formations (**Figure 2 Geology Map)**. The location is approximately 500 feet from the nearest dolomitic limestone outcrop. Field findings show that the piedmont contains several layers of lenticular flow deposits of limestone no thicker than one to one and a half foot thick (**Picture 1**).



Picture 2: The extent of the Roswell basin with the Quartzose conglomerate and Gatuna Quaternary units exposed.

Regional Geology

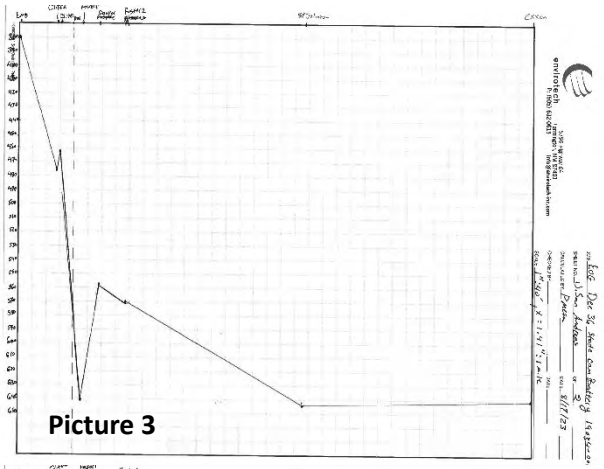
The piedmont of the Guadalupian mountains is defined as a complex deposition of the Permian Limestones capped by several erosional unconformities between the Triassic, Cretaceous and Quaternary units. Several of the interbeds of the Permian clastic sediments can still be observed within the pediment fluvial deposits. “The Upper Permian sediments of the Delaware basin are predominantly dark-colored and clastic, especially the siltstones and fine-grained sandstones. North of the Delaware basin, the equivalent sediments consist of reef limestone, shelf limestone, evaporites, and red beds” (Meyer, 1966). Several outcroppings of the

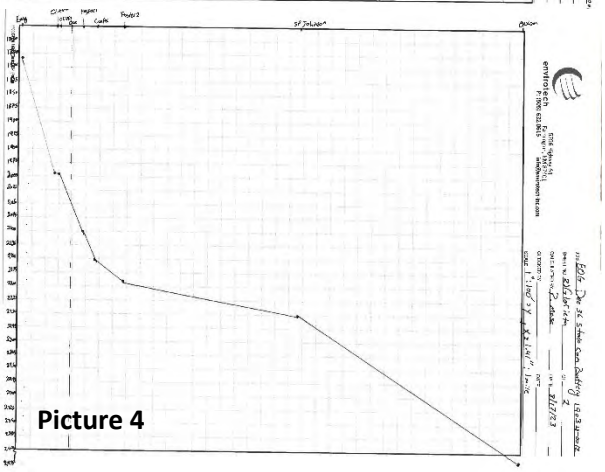
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Permian limestone are present including the Grayburg, Queens, Seven River, Yates, and Tansill among the rim of the basin's uplift (**Figure 3, Geological Stratagraph**).

The Guadalupian uplift was a result of tectonic events approximately 20-30 million years ago (National Park Services, 2023). The area of interest for this study is on the north-west side of the Northwest Shelf along the shelf margin behind the Capitan reef. The "…Surficial depositional units are Quaternary and late Neogene in age and are almost entirely made up of piedmont sediments" (McCraw, 2011). The deposits are up to 140 m thick and thin updip in the oldest Plio-Pleistocene sediments" (McCraw, 2011) (**Figure 4 & 5**).

The Quaternary units of the region can be classified as either older or younger deposits. The older deposits are sub divided into two units; the Quartzose conglomerate and the Gatuna formation. These two units make up a part of the Roswell Basin (**Picture 2**). The regional Aquaphor is artesian and occurs approximately 500- 600 feet bgs underneath the San Andres formation. "Although its [the San Andreas formation] outcrop area in Eddy County is small, this limestone exists beneath the surface under a large area and is an important artesian aquifer in the Roswell artesian basin in northern Eddy County" (Hendrickson, 1952)





Picture 4: Cross section from A-A' of the San Andres formation (vertically exaggerated) showing dip from northwest to southeast. **Picture 5:** Cross section from A-A' of the Glorieta formation (vertically exaggerated) showing dip from northwest to southeast.

Local Geology

The Dee 36 State Battery #001 is located on the shelf margin of the back reef system. This system dips steeply toward the south-eastern Capitan reef. The Paleo mapping of the north-west shelf region shows this specific region to be more of a cove, with major tidal deltaic deposits. Upon excavation lenses of well sorted fine silts were encountered. These silt lenses directly correlate with deltaic deposits. At the time of deposits in this area the ocean was in a regressive phase, causing thick deposits of overlaying clastic debris. In combination with the already present graduation of the Permian deposits the major uplifting processes caused steeper grades of the deposited units.

Several drill logs were analyzed of the local San Andres and the Glorieta formations underlying the Queens and Grayburg formation. The findings showed significant displacement and uplift to the northwest direction (**Figure 6, Cross Section Map**). The San Andreas was found to have a local displacement of 179 feet approximately 1,900 feet away from the Dee 36, giving it an average gradient of 5.38 degrees at 125 degrees azimuth (**Picture 3**) just 400 feet bgs. The Glorieta formation displayed a similar trend of 105-foot displacement approximately 2000 feet

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bgs with a gradient of 3.16 degrees (**Picture 4**). “The Eastern section of the Artesian group shelf plunges from west to east and gets significantly deeper toward the Delaware and Permian basin after the shelf margin (Ojeda, 2011).

Well logs of the Dee 36 state battery #001 and the Foster AN Com #002 were compared at the first layer of thick karst topography of noticeable limestone. The comparison showed a displacement of 570 feet at 3530 feet bgs 2,840 feet away giving a local gradient of 11.35 degrees (**Figure 7: Well log comparison**).

Investigation of the well logs presented by the OCD at the Dee 36 State Battery Com #001 depicts several layers of interbedded limestone lenticular fluvial debris deposits either at or near the surface. However, the first competent limestone bed does not occur until roughly 110 feet below ground surface (**Figure 8: Dee 36 State Com #001 well log**). This layer is congruent to the Queen formation outcrop approximately 500 feet northwest of the location according to USGS geological map. In the map, the classic features of the dolomitic limestone are apparent with the spike of artesian red sand separating the Grayburg and Queen formations.

The overlaying Quaternary piedmont is defined as the Quartzose conglomerate and is the dominant unit in the Roswell Basin. “In the Roswell basin it extends in a belt 10 to 20 miles wide, mostly west of the Pecos, from Seven Rivers…[and] mainly west of the Pecos and extends south from Carlsbad to the Black River” (Hendrickson, 1952). The thickness varies “from a feather edge to more than 300 feet and consists of clay, silt, sand, gravel, and conglomerate. In both areas the conglomerate appears to be thickest a few miles west of the Pecos and to thin … gradually to the west” (Hendrickson, 1952).

Discussion

Upon investigation of the Dee 36 State Com #001 battery, Envirotech has determined that the Dee 36 Excavation is not problematic to the underlaying karst topography. Envirotech calculated the dip of the subterranean Queen limestone formation to be 10 degrees from the elevation of the upper surface of the subterranean Queen formation and the displacement of formations identified in multiple well logs in the neighboring regions. With the 10-degree dip, the calculated top of the Queen formation is approximately 100 feet bgs. This correlates directly with the Conoco well log showing the formation present at 120 bgs. Other evidence of a steep shelf margin exists with the displacement displayed in a key limestone stratum identified at 3,530 feet bgs at the Dee 36 location and 4,090 bgs 2,840 feet away also giving the strata a 10 – 11-degree dip.

The excavation also gives good insight to the integrity of underlying limestone. Several layers of lenticular dolomitic limestone clasts act as armor from meteoric leaching or dissolution of the underlying limestone. While the Grayburg to San Andres acts as an aquifer, the dissolution is coming from a confined layer between the two and not from surface (Hendrickson, 1952). The general characterization of dolomitic limestone is that it has a higher resistance of dissolution. Unlike limestone, dolomitic limestone must be powdered to effervesce in reaction to acidic solutions.

Conclusions

1. The Quaternary piedmont formation underlying the Dee 36 location contains substantial layers of lenticular dolomitic limestone that will tend to buffer the pH of precipitation that

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percolates into the subsurface. This buffering will reduce the potential for dissolution of regional limestone formations due to surface water infiltration. This piedmont formation is approximately 100-120 feet thick beneath the location.

2. The uppermost occurrence of a limestone formation with the potential to form karst is approximately 100 to 120 feet bgs. This formation is well above the depth to groundwater accepted by OCD of 280-300 feet bgs.
3. This data indicates that the uppermost potentially karst forming limestone formations are well below the Dee 36 while being at least 160 feet above the potentiometric surface of the regional aquifer. These separations of the uppermost limestone unit from either precipitation infiltration or groundwater greatly reduce the chance of karst formation from limestone dissolution. Hence, disturbance of the Dee 36 location due to unstable conditions caused by karst formation is of low [or is a de minimis] risk.

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References

Hendrickson, G. E., & Jones, R. S. (1952). *Geology and Ground-Water Resources of Eddy County, New Mexico.* Socorro: State Bureau of Mines and Mineral Resources New Mexico Institute of Mining & Technology.

McCraw, D. J., & Shannon, W. (2011). *Preliminary Geologic Map of Dayton Quadrangle, Eddy County, New Mexico.* Socorro : New Mexico Bureau of Geology and Mineral Resources.

McCraw, D. J., & Williams, S. F. (2011). *Geologic Map of the Artesian Quadrangle, Eddy County, New Mexico.* Socorro: New Mexico Bureau of Geology and Mineral Resources .

Meyer, R. F. (1966). *Geology of Pennsylvanian and Wolfcampian Rocks in Southeast New Mexio.* Socorro: State Bureau of Mines and Mineral Resources New Mexico Institute of Mining and Technology.

National Park Services. (2023, January 21). *Geologic Formations*. Retrieved from National Park Services: https://www.nps.gov/gumo/learn/nature/geologicformations.htm

New Mexico Bureau of Geology & Mineral Resources. (2022, May 4). *Overview of Fresh and Brackish Water Quality- Roswell Artesian Basin*. Retrieved from New Mexico Bureau of Geology & Mineral Resources : https://geoinfo.nmt.edu/resources/water/projects/bwa/roswell/home.html

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Figures

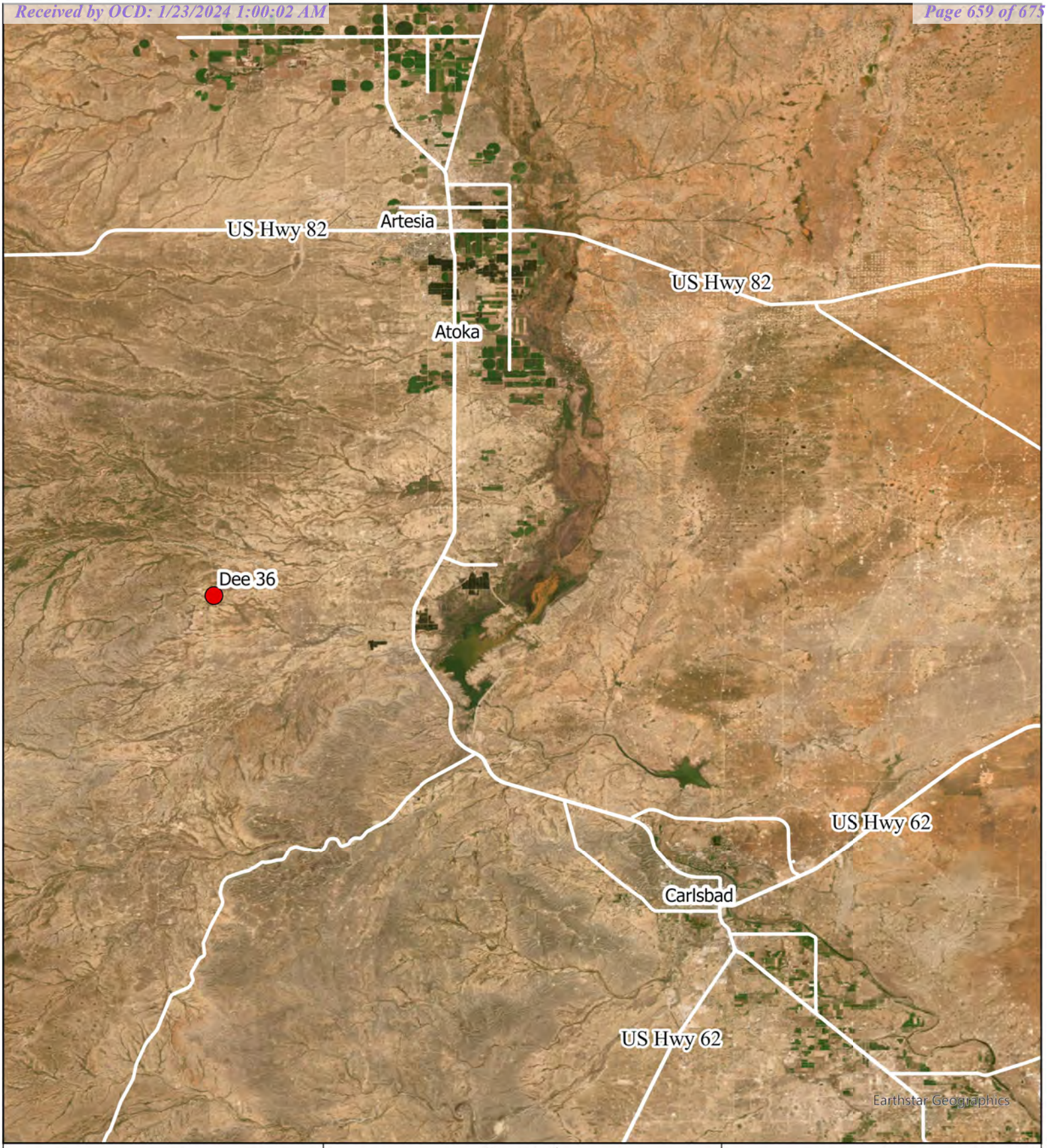


Figure 1: Site Map

EOG
Dee 36 State Com Battery
API: 30-015-26185
Section 36, Township 19S, Range 24E
36.6237, -104.5469
Eddy County , New Mexico
Project #19034-0012

Legend

Site Location

N

1:350,000
0 3 6 12 Miles

envirotech
Environmental Scientists and Engineers
5796 U.S Highway 64
Farmington, New Mexico 87401
505.632.0615
Date Drawn: 08/17/2023
Drawn by: P. Mesa

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Received by OCD: 1/23/2024 1:00:02 AM

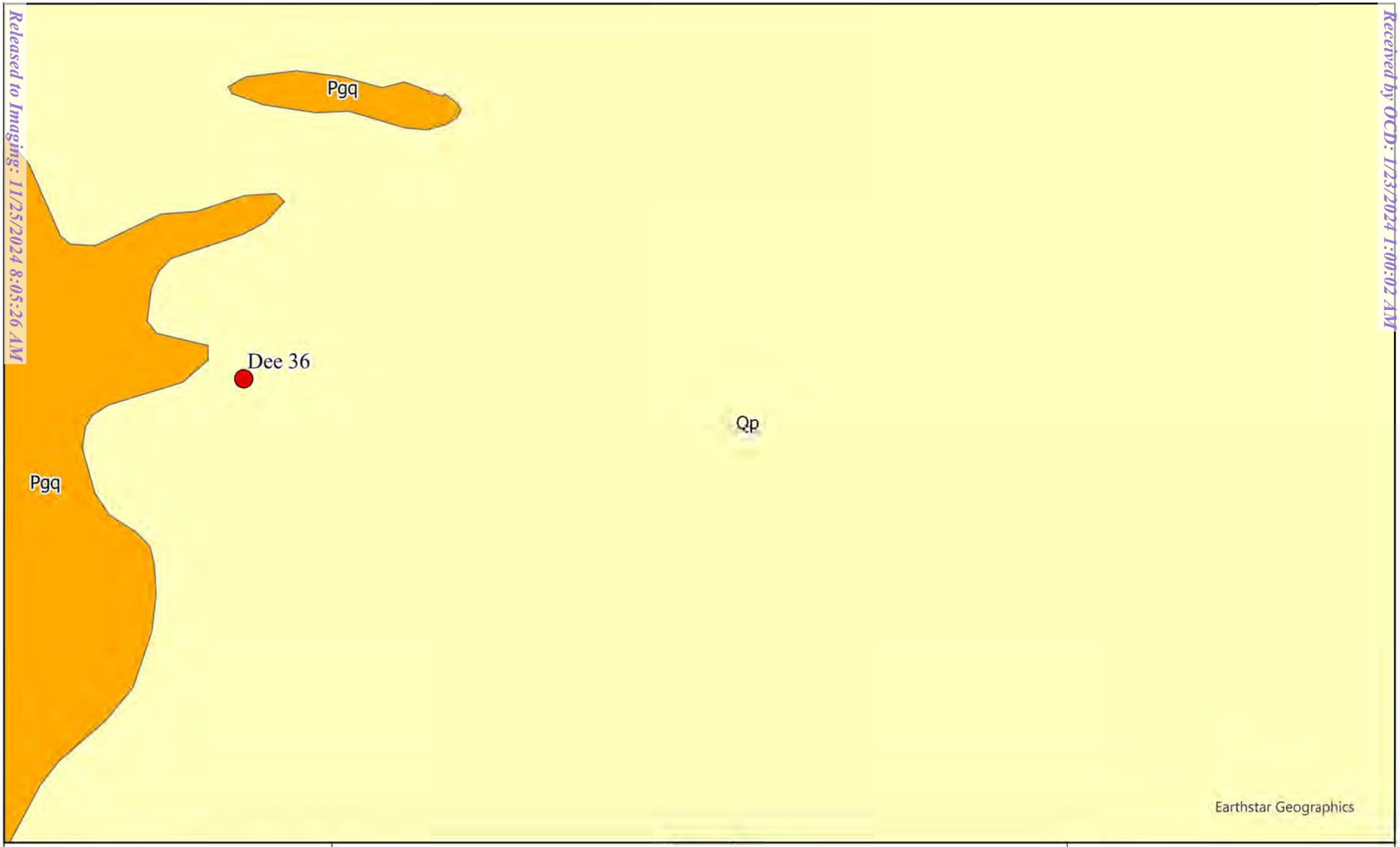


Figure 2, Geology Map

EOG
Dee 36 State Com Battery
API: 30-015-26185
Section 36, Township 19S, Range 24E
32.613016, -104.547127
Eddy County , New Mexico
Project #19034-0012

Legend

Qp — Quaternary Pediment

Pgq — Permian Grayburg/Queen Formation

Site Location

1:45,000

0 — 0.82 — 1.65 — 3.3 Miles

envirotech
Environmental Scientists and Engineers
5796 U.S Highway 64
Farmington, New Mexico 87401
505.632.0615
Date Drawn: 08/18/2023
Drawn by: P. Mesa

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AGE		STRATIGRAPHIC UNIT			
SYSTEM	SERIES	DELAWARE BASIN	CENTRAL BASIN PLATFORM	MIDLAND BASIN	EASTERN SHELF
Q		Alluvium	Alluvium	Alluvium	Alluvium
T			Ogallala	Ogallala	Ogallala
CRETACEOUS	Gulfian				
	Comanchean	Fredericksburg	Fredericksburg	Washita / Fredericksburg	Washita / Fredericksburg
		Trinity Ss.	Trinity Ss.	Trinity Ss.	Trinity Ss.
R	Upper	Santa Rosa	Dockum	Dockum	Dockum
PERMIAN	Ochoan	Dewey Lake	Dewey Lake	Dewey Lake	
		Rustler	Rustler	Rustler	Rustler
		Salado	Salado	Salado	Salado
		Castile	Castile		
	Guadalupian	Bell Canyon	Tansill	Tansill	Tansill
			Yates	Yates	Yates
			Seven Rivers	Seven Rivers	Seven Rivers
			Queen	Queen	Queen
			Grayburg	Grayburg	Grayburg
		Cherry Canyon	San Andres	San Andres	San Andres
		Brushy Canyon			
	Leonardian	Bone Spring	Clear Fork / Tubb	Spraberry / Dean	Clear Fork
			Wichita	Leonard	Wichita
	Wolfcampian	Wolfcamp	Wolfcamp	Wolfcamp	Wolfcamp
PENNSYLVANIAN	Cisco	Cisco	Cisco	Cisco	Cisco
	Canyon	Canyon	Canyon	Canyon	Canyon
	Strawn	Strawn	Strawn	Strawn	Strawn
	Atokan	Atoka	Atoka	Atoka	Atoka / Bend
	Morrowan	Morrow			
MISSISSIPPIAN		Mississippian	Mississippian	Mississippian Ls.	Mississippian Ls.
		Kinderhook	Kinderhook	Kinderhook	
D		Woodford Shale	Woodford Shale	Woodford Shale	Lower Woodford Sh.
		Devonian	Devonian	Devonian	
S		Upper Silurian Sh.	U. Silurian Sh.	Upper Silurian Sh.	U. Silurian Sh.
		Fusselman	Fusselman	Fusselman	Fusselman
ORDOVICIAN	U			Sylvan Shale	
	M	Montoya / Simpson Group	Montoya / Simpson Group	Montoya / Simpson Group	
	L	Ellenburger	Ellenburger	Ellenburger	Ellenburger
Є	U			Wilberns	Wilberns / Hickory
pC					

Capitan Reef

Delaware Sands

Thin to absent

Horseshoe Atoll

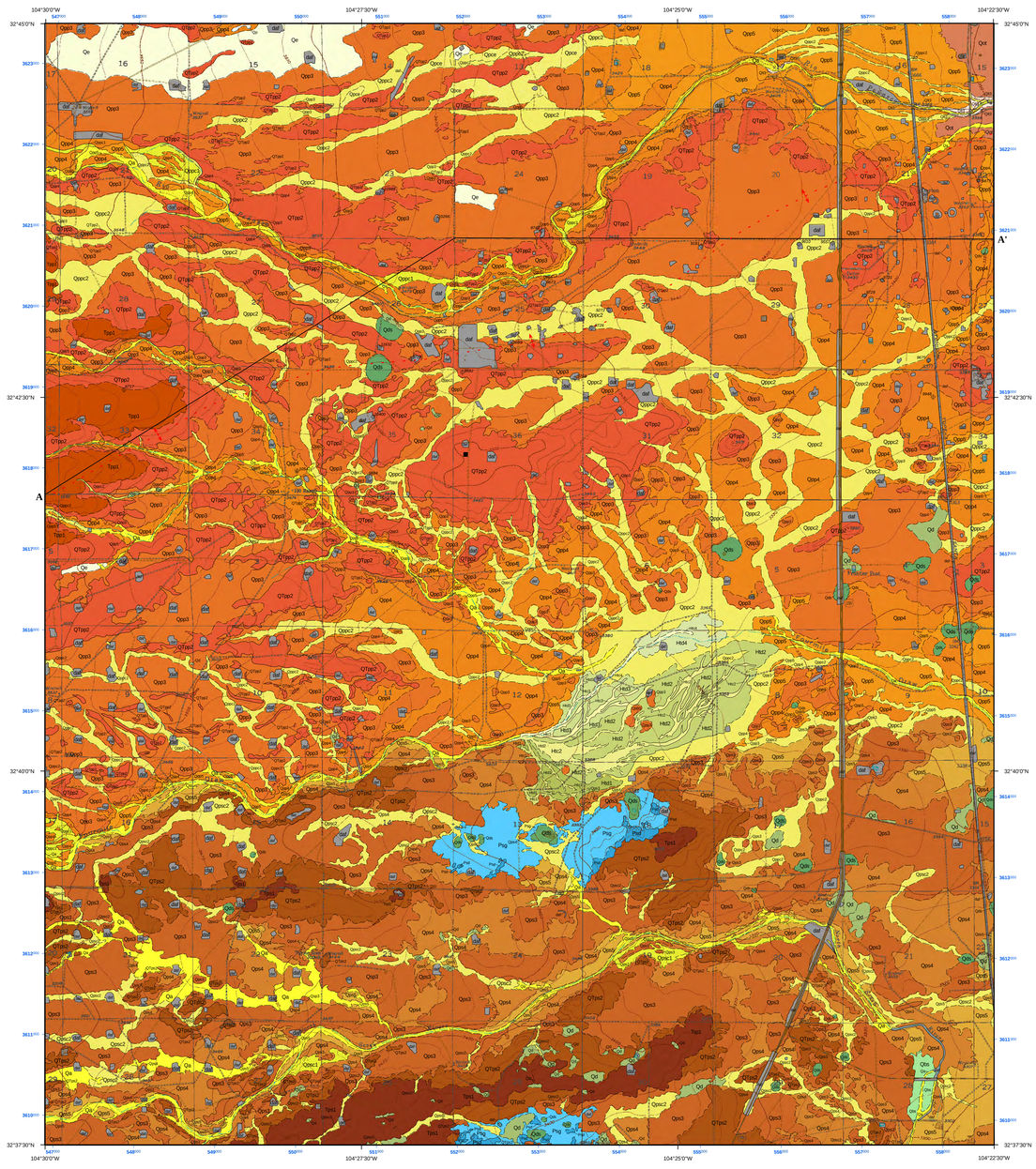
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Figure 3: Geologic Statagraphic

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NEW MEXICO BUREAU OF GEOLOGY AND MINERAL RESOURCES A DIVISION OF NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY

NMBGMR Open-file Geologic Map 160
Last Modified June 2011



Base map from U.S. Geological Survey 1955, from photographs taken 1947. Topography by planetable surveys 1955.
Polyconic projection. 1927 North American datum, reprojected to UTM projection – zone 13N
1000-meter Universal Transverse Mercator grid, zone 13, shown in red

1:24,000

1 0.5 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0.5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Mapping of this quadrangle was funded by a matching-funds grant from the STATEMAP program of the National Cooperative Geologic Mapping Act, administered by the U. S. Geological Survey, and by the New Mexico Bureau of Geology and Mineral Resources, (Dr. Peter A. Scholle, *Director and State Geologist*; Dr. J. Michael Timmons, *Geologic Mapping Program Manager*).



QUADRANGLE LOCATION

Magnetic Declination
May, 2009
8° 15' East
At Map Center

New Mexico Bureau of Geology and Mineral Resources
Open-file Geologic Map 160

New Mexico Bureau of Geology and Mineral Resources
New Mexico Tech
801 Leroy Place
Socorro, New Mexico
87801-4796

[505] 835-5490
http://geoinfo.nmt.edu

Geologic map of the Dayton quadrangle, Eddy County, New Mexico.

May 2011

by
David J. McCraw and Shannon Williams

New Mexico Bureau of Geology and Mineral Resources, 801 Leroy Place, Socorro, NM 87801

EXPLANATION OF MAP SYMBOLS

- A — A' Location of geologic cross section.
- Geologic contact. Solid where exposed or known, dashed where approximately known, dotted where concealed or inferred.
- Artesia - Vacuum Arch. Subsurface anticlinal arch warping Permian and older strata.
- Inclined bedding showing degrees of dip.
- Arrows showing mean direction of paleoflow, based upon pebble imbrication, n ≥ 20 each arrow.
- Soil pit.
- Oil & gas exploration well used in cross section construction.

COMMENTS TO MAP USERS

A geologic map displays information on the distribution, nature, orientation, and age relationships of rock and deposits and the occurrence of structural features. Geologic and fault contacts are irregular surfaces that form boundaries between different types or ages of units. Data depicted on this geologic quadrangle map may be based on any of the following: reconnaissance field geologic mapping, compilation of published and unpublished work, and photogeologic interpretation. Locations of contacts are not surveyed, but are plotted by interpretation of the position of a given contact onto a topographic base map; therefore, the accuracy of contact locations depends on the scale of mapping and the interpretation of the geologist(s). Any enlargement of this map could cause misunderstanding in the detail of mapping and may result in erroneous interpretations. Site-specific conditions should be verified by detailed surface mapping or subsurface exploration. Topographic and cultural changes associated with recent development may not be shown.

Cross sections are constructed based upon the interpretations of the author made from geologic mapping, and available geophysical, and subsurface (drillhole) data. Cross-sections should be used as an aid to understanding the general geologic framework of the map area, and not be the sole source of information for use in locating or designing wells, buildings, roads, or other man-made structures.

The map has not been reviewed according to New Mexico Bureau of Geology and Mineral Resources standards. The contents of the report and map should not be considered final and complete until reviewed and published by the New Mexico Bureau of Geology and Mineral Resources. The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the State of New Mexico, or the U.S. Government.

DESCRIPTION OF MAP UNITS

CENOZOIC

QUATERNARY and NEOGENE

Alluvium, lacustrine, and anthropogenic deposits

daf — **Disturbed land and/or artificial fill (Historic) —** Dumped fill and areas affected by human disturbances, mapped where deposits or extractions are areally extensive. Especially notable are the numerous constructed oil and gas well pads. Also includes the U.S. Bureau of Reclamation's Kaiser Channel of the Pecos River, as well as other straightened reaches.

Qa — **Quaternary alluvium, undifferentiated (Historic to uppermost Pleistocene) —** Brown (7.5YR4/2) to light brown (7.5YR6/3), unconsolidated, moderately sorted, pebbly sand, silt, and clay. Contains primarily carbonate gravels and pebbles. Varies considerably in thickness from <1 to 3 m in tributaries and up to 10-12 m in the floodplain.

Qfs — **Pecos River floodplain alluvial backswamp deposits (upper Pleistocene to Historic) —** Light reddish-brown (5YR6/4) to very dark gray (7.5YR3/1), unconsolidated, well-sorted, silty sand, sandy clay, and clay in low-lying, poorly drained areas. These areas commonly receieved only fine-grained, slack-water flood deposition, prior to channelization. Thicknesses range from 3-15 (?) m.

Qp — **Quaternary playa deposits (upper Pleistocene to Holocene) —** Pinkish white (7.5YR8/2), unconsolidated, well-sorted, fine-grained sand, silt, and clay Thickness unknown (≥ 1m).

Fourmile Draw depression

Fourmile Draw formed in the low area between the Rio Peñasco and North Seven Rivers piedmont alluvial complexes, and is utilized in this mapping to differentiate these complex deposits. It is shallowly underlain by Permian Artesia Group sediments that are riddled with collapse depressions and sinkholes. Just west of U.S. Highway 285, it flows into a very large depression, roughly 1-1.5 km wide and 4 km long. This depression likely formed in the uppermost Pleistocene and/or early Holocene. Upon encountering the depression, Fourmile Draw has built 4 fluviodeltaic complexes containing distributary channels and levee deposits (Htc_{1-4} and Htd_{1-4}, respectively), distinctly mappable from aerial photography. These migrate with time from the western margin to the center of the depression, where the modern Htd_4 complex is located.

Hfd4 — **Youngest Fourmile Draw distributary deposits (Holocene) —** Thickness <1 to 1+ m.

Htc4 — **Youngest Fourmile Draw distributary channel deposits (Holocene) —** Thickness <1 to 1+ m.

Htd3 — **Younger Fourmile Draw distributary deposits (Holocene) —** Thickness <1 to 2 m.

Htc3 — **Younger Fourmile Draw distributary channel deposits (Holocene) —** Thickness <1 to 2 m.

Htd2 — **Older Fourmile Draw distributary deposits (Holocene) —** Thickness <1 to 2 m.

Htc2 — **Older Fourmile Draw distributary channel deposits (Holocene) —** Thickness <1 to 2 m.

Htd1 — **Oldest Fourmile Draw distributary deposits (Holocene) —** Thickness <1 to 2 m.

Htc1 — **Oldest Fourmile Draw distributary channel deposits (Holocene) —** Thickness <1 to 2 m.

Pecos Valley alluvial terrace complex

Alluvial terraces of the Pecos River and its tributaries were first described in the classic study of Fiedler and Nye (1933). They recognized 3 terraces: (from lowest to highest) the Lakewood, the Orchard Park, and the Blackdom. On the Dayton quad, much of the higher Rio Peñasco and North Seven Rivers piedmont alluvial complexes are erroneously mapped by Fiedler and Nye (1933) as Blackdom terrace. These materials, however, are all derived from these western tributaries, not the Pecos River.

Lakewood terrace alluvial deposits (upper to middle Pleistocene) — Following McCraw, *et al.* (2007) and McCraw and Land (2008), three distinct, low-lying (upper to uppermost middle(?) Pleistocene) "Lakewood terraces" are recognized. Only the lowest and youngest deposit, Qlt_3, <1- 2 m above the floodplain, is found on the Dayton quad, extending up the Rio Peñasco. These deposits are comprised of occasional gravels and pebbles, brown (10YR5/3) to dark yellowish brown (10YR3/4), unconsolidated, moderately sorted, coarse- to fine- grained sand, silty sand, silt and sandy clay. Stage I pedogenic carbonate, mostly non-gypsiferous.

Qlt3 — **Youngest Lakewood terrace alluvial deposits (upper Pleistocene) —** Thickness <1 to 2 m.

Qot — **Orchard Park terrace alluvial deposits (upper Pliocene (?) to upper Pleistocene) —** According to Fiedler and Nye (1933), the Orchard Park terrace rises 1-3 m above the Lakewood terrace and 10.5-19 m above the Pecos floodplain. It is comprised of gravels and pebbles of dolomite, limestone, sandstone, chert, and quartzite in a very pale brown (10YR7/4) to reddish brown (5YR4/4), unconsolidated, moderately sorted, coarse- to fine- grained sand, silty sand, silt, and sandy clay. Pedogenic carbonate is a strong stage III. Thickness ranges from 5 to 45 m.

Rio Peñasco alluvial piedmont complex

Rio Peñasco alluvial piedmont deposits (Upper Pleistocene to Late Miocene(?)) — The headwaters of the Rio Peñasco are located high in the Sacramento Mountains in predominantly carbonate rocks of the San Andres formation (*Psa*) and clastic sediments of the Yeso formation (*Pye*). Where it leaves the Permian highlands, it has built a large piedmont alluvial complex, which coalesces with Eagle Creek to the north and the Seven Rivers to the south. These piedmont deposits grade to and onto the Pecos Valley alluvial terraces on the easternmost edge of the Dayton quad. Oldest, highest remnant surfaces (*Tpp*, and $QTpp_2$) are Pliocene or older, and likely graded to a river system which forms Gatuña formation deposits today. Middle to upper Pleistocene piedmont deposits (Qpp_{3-4}) are inset into these and grade to *Qot*. The youngest, Qpp_5, grades to Qlt_3. Several channels (*e.g.*, Tumbleweed Draw) on this piedmont surface were likely former Rio Peñasco channels.

Lithologically, the Rio Peñasco piedmont deposits are distinctly different from those of Eagle Creek to the north and Seven Rivers to the south. While gravels are dominated by limestone clasts, dolomite, chert, yellow-brown sandstone, conglomeratic, and quartzite are common. The matrix consists of dark yellowish brown (10YR3/4) to light brown (7.5YR6/3), unconsolidated, moderately sorted, coarse- to fine-grained sand, silty sand, silt, and sandy clay. Stage V-VI pedogenic carbonate can be found in the oldest deposits, while middle to upper Pleistocene deposits range from stage IV to III. Degree of pedogenic carbonate development can be the main distinguishing characteristic between the youngest deposits.

Qpp5 — **Youngest Quaternary piedmont alluvium (Holocene to upper Pleistocene) —** Thickness 1 to 3 m.

Qpp4 — **Younger Quaternary piedmont alluvium (Upper Pleistocene) —** Thickness 2 to 4 m.

Qpp3 — **Old Quaternary piedmont alluvium (Upper to middle Pleistocene) —** Most extensive deposit. Thickness 2 to 4 m.

QTpp2 — **Older piedmont alluvium (Middle Pleistocene to late Pliocene) —** Thickness 2 to 6 m.

Tpp1 — **Oldest piedmont alluvium (Late Pliocene to late Miocene(?)) —** Thickness 2 to 6 m.

Rio Peñasco piedmont channel deposits (Historic to upper Pleistocene) — Numerous, thin alluvial channels, swales, and occasional coalescing depression fill deposits drain the piedmont alluvial complex. They usually consist of light brown (7.5YR6/4) to pinkish gray (7.5YR6/2), unconsolidated, poorly sorted, fine-grained sand, silt, and clay sediments. They were often mapped primarily by soil moisture increases in lower areas relative to adjacent piedmont deposits noted on photography. Eolian input often mantles the "v-shaped" contours associated with stream channels and in some areas sand sheets and dunes can fill these channels (*Qpce*). On the Rio Peñasco, older channels ($Qppc_{1}$) are mapped on Qpp_4 surfaces, similar and stratigraphically equivalent to those on North Seven Rivers Qps_4 deposits.

Qppc2 — **Young Quaternary piedmont channels (Holocene to upper Pleistocene) —** Thickness <1 to 2 m.

Qppc1 — **Older Quaternary piedmont channels (Upper Pleistocene) —** Thickness <1 to 2 m.

Qpce — **Youngest Quaternary piedmont channels filled with colian sands, occasionally forming dunes (Holocene to upper Pleistocene) —** Thickness ≤ 1 m.

North Seven Rivers alluvial piedmont complex

North Seven Rivers alluvial piedmont deposits (Upper to middle Pleistocene) — North Seven Rivers, like the other Seven River channels head to the southwest out of the northern Guadelupe Mountains in both San Andres formation (*Psa*) carbonate rocks and Artesia Group (*Queen-Graybarg formations*) marine and non-marine redbeds and evaporites. To the south and west of the quad it flows out onto a piedmont alluvial complex, which coalesces with the Rio Peñasco to the north. Oldest, highest remnant surfaces and deposits are correlative to lower Pleistocene to late Miocene (?) piedmont deposits of the Rio Peñasco (*Tpp*, and $QTpp_2$). Like Eagle Creek to the north, gravels are almost exclusively limestone, derived from *Psa*, supported in a matrix of reddish brown (2.5YR4/6) to light brown (7.5YR6/3), unconsolidated, moderately sorted, coarse- to fine-grained sand, silty sand, silt (largely calcareous), and sandy clay. Topographic expression between the youngest deposits are often subtle to practically non-existent. Distinction is often based upon a stronger developed pedogenic carbonate (Qps_{4}= stage III – II+; Qps_3 = stage II). Qps_2 grades to Qlt_2.

Qps5 — **Youngest Quaternary piedmont alluvium (Holocene to upper Pleistocene) —** Thickness 1 to 3 m.

Qps4 — **Younger Quaternary piedmont alluvium (Upper Pleistocene) —** Thickness 2 to 4 m.

Qps3 — **Old Quaternary piedmont alluvium (Upper to middle Pleistocene) —** Most extensive deposit. Thickness 2 to 4 m.

QTps2 — **Older piedmont alluvium (Middle Pleistocene to late Pliocene) —** Thickness 2 to 6 m.

Tps1 — **Oldest piedmont alluvium (Late Pliocene to late Miocene(?)) —** Thickness 2 to 6 m.

North Seven Rivers piedmont channel deposits (Historic to upper Pleistocene) — Numerous, thin alluvial channels, swales, and occasional coalescing depression fill deposits drain the piedmont alluvial complex. They usually consist of light brown (7.5YR6/4) to light reddish-brown (5YR6/4), unconsolidated, poorly sorted, fine-grained sand, silt, and clay sediments. They were often mapped primarily by soil moisture increases in lower areas relative to adjacent piedmont deposits noted on photography. Eolian input often mantles the "v-shaped" contours associated with stream channels and in some areas sand sheets and dunes can fill these channels (*Qsce*). On the North Seven Rivers, older channels ($Qpsc_{1}$) are mapped on Qps4 surfaces, similar and stratigraphically equivalent to those on Rio Peñasco (Qpp_4) deposits.

Qpsc2 — **Young Quaternary piedmont channels (Holocene to upper Pleistocene) —** Thickness <1 to 2 m.

Qpsc1 — **Older Quaternary piedmont channels (Upper Pleistocene) —** Thickness <1 to 2 m.

Qsce — **Youngest Quaternary piedmont channels filled with colian sands, occasionally forming dunes (Holocene to upper Pleistocene) —** Thickness ≤ 1 m.

Quaternary depression fill and sinkhole deposits

Qd — **Quaternary depression fill, undifferentiated (Holocene to middle Pleistocene) —** Unconsolidated, well-sorted, fine-grained (fine sands to clay) complexes of alluvial, colluvial, eolian, and occasional lacustrine deposits within closed depressions. Colors variable. Depressions are created by either gradual subsidence or sudden collapse followed by gradual subsidence of underlying gypsiferous carbonate terrane. These complexes are often significantly modified by stream erosion and deposition, playa deposition, deflation, and mass wasting. Depression fills have been active since the middle Pleistocene and are usually 1-3 m thick but can reach thicknesses in excess of 30 m.

Qds — **Quaternary sinkhole deposits, primarily caused by collapse (Historic to middle Pleistocene) —** Complexes of unconsolidated, well- to poorly-sorted, coarse- to fine-grained sands to clay, alluvial, colluvial, eolian, and occasional lacustrine deposits within closed depressions. Colors variable. Thickness <1 to 3 m.

PALEOZOIC

Permian Artesia Group

Psr — **Seven Rivers formation, undifferentiated —** Cross section only.

Pqg — **Queen and Grayburg formations, undifferentiated** (Guadelupian) **—** Cross section only.

Lower Permian Formations

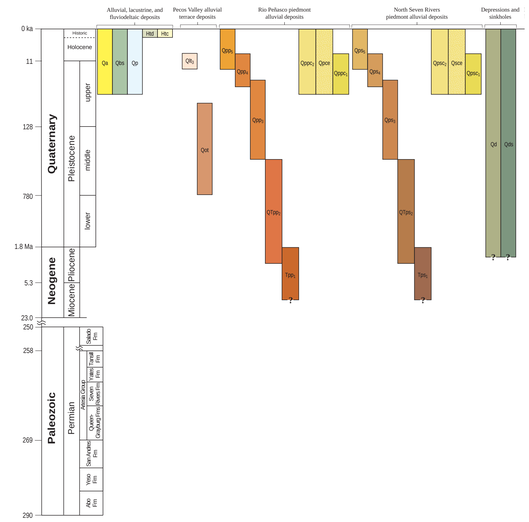
Psa — **San Andres formation —** Cross section only.

Pg — **Glorieta sandstone tongue —** Cross section only.

Pye — **Yeso formation, undifferentiated —** Cross section only.

Pa — **Abo formation, undifferentiated —** Cross section only.

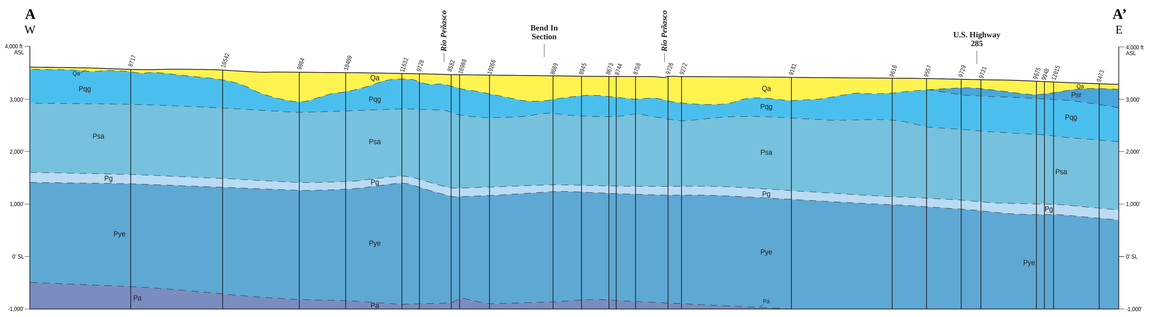
CORRELATION OF MAP UNITS





View looking south-southwest of Permian Seven Rivers formation, mixed gypsiferous facies (*Psg*) gypsum and redbeds in the foreground, Quaternary sinkhole deposits (*Qds*) in the middle distance, and Permian Seven Rivers dolomitic (*Psd*) at the top of the bluff above *Psg* beyond the sinkhole. Photo by D. McCraw.

GEOLOGIC CROSS SECTION



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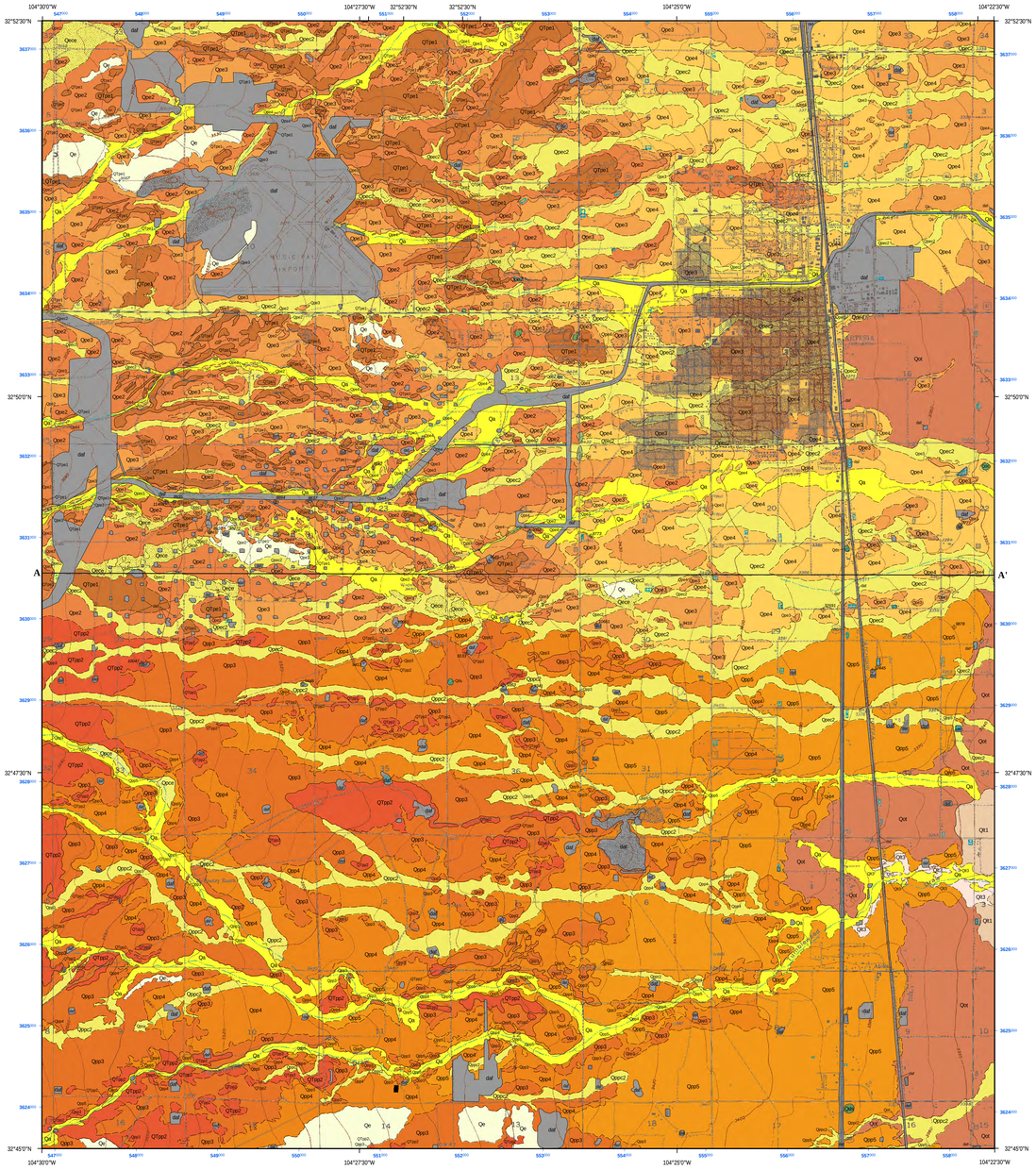
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NEW MEXICO BUREAU OF GEOLOGY AND MINERAL RESOURCES A DIVISION OF NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY

NMBGMR Open-file Geologic Map 169
Last Modified June 2011



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Polyconic projection, 1927 North American datum, reprojected to UTM projection – zone 13N
1000-meter Universal Transverse Mercator grid, zone 13, shown in red



QUADRANGLE LOCATION





1:24,000

1 0.5 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0.5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

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New Mexico Bureau of Geology and Mineral Resources
Open-file Geologic Map 169

New Mexico Bureau of Geology and Mineral Resources
New Mexico Tech
801 Leroy Place
Socorro, New Mexico
87801-4796

[575] 835-5490

This and other STATEMAP quadrangles are available for free download in both PDF and ArcGIS formats at:

http://geoinfo.nmt.edu

Geologic map of the Artesia quadrangle, Eddy County, New Mexico.

May 2011

by
David J. McCraw and Shannon Williams

New Mexico Bureau of Geology and Mineral Resources, 801 Leroy Place, Socorro, NM 87801

EXPLANATION OF MAP SYMBOLS

A A' Location of geologic cross section.

Geologic contact. Solid where exposed or known, dashed where approximately known, dotted where concealed or inferred.

Arrows showing mean direction of paleoflow, based upon pebble imbrication, n ≥ 20 each arrow.

Soil pit.

10047 Oil & gas exploration well used in cross section construction.

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Pecos Valley alluvial terrace complex

Alluvial terraces of the Pecos River and its tributaries were first described in the classic study of Fiedler and Nye (1933). They recognized 3 terraces: (from lowest to highest) the Lakewood, the Orchard Park, and the Blackdom. On the Artesia quad, much of the higher Eagle Creek and Rio Peñasco piedmont alluvial complex is erroneously mapped by Fiedler and Nye (1933) as Blackdom terrace. These materials, however, are all derived from these western tributaries, not the Pecos River.

Lakewood terrace alluvial deposits (upper to middle Pleistocene) — Following McCraw, *et al*, (2007) and McCraw and Land (2008), three distinct, low-lying (upper to uppermost middle(?) Pleistocene) "Lakewood terraces" are recognized. Fiedler and Nye's original Lakewood terrace, equivalent here to Qlt_2, has an elevation of 6 to 9 m above the floodplain and is located on the eastern edge of the quad. The lowest and youngest, Qlt_3, is <1-2 m above the floodplain and extends up Tumbleweed Draw. These are comprised of occasional gravels and pebbles, brown (10YR5/3) to dark yellowish brown (10YR3/4), unconsolidated, moderately sorted, coarse- to fine- grained sand, silty sand, silt and sandy clay. Pedogenic carbonate increases from stage I to stage II+ (occasionally III) from Qlt_3 to Qlt_1. Mostly non-gypsiferous.

Qlt3 **Youngest Lakewood terrace alluvial deposits (upper Pleistocene) —** Thickness <1 to 1 m.

Qlt1 **Older Lakewood terrace alluvial deposits (upper to middle Pleistocene) —**Thickness ~2 to 9 m.

Qot **Orchard Park terrace alluvial deposits (upper Pliocene (?) to upper Pleistocene) —** According to Fiedler and Nye (1933), the Orchard Park terrace rises 1.5-3 m above the Lakewood terrace and 10.5-20 m above the Pecos floodplain. It is comprised of gravels and pebbles of dolomite, limestone, sandstone, chert, and quartzite in a very pale brown (10YR7/4) to reddish brown (5YR4/4), unconsolidated, moderately sorted, coarse- to fine- grained sand, silty sand, silt, and sandy clay. Pedogenic carbonate is a strong stage III. Thickness ranges from 3 to 15 m.

Rio Peñasco alluvial piedmont complex

Rio Peñasco alluvial piedmont deposits (Upper Pleistocene to Late Miocene(?)) — The headwaters of the Rio Peñasco are located high in the Sacramento Mountains in predominantly carbonate rocks of the San Andres formation (*Psa*) and clastic sediments of the Yeso formation (*Pye*). Where it leaves the Permian highlands, it has built a large piedmont alluvial complex, which coalesces with Eagle Creek to the north and the Seven Rivers to the south. These piedmont deposits grade to and onto the Pecos Valley alluvial terraces on the easternmost edge in the Artesia area. Oldest, highest remnant surfaces (Tpp_3 and $QTpp_3$) are Pliocene or older, and likely graded to a river system which forms Gatuña formation deposits today. Middle to upper Pleistocene piedmont deposits (Qpp_{2-4}) are inset into these and grade to Qor. The youngest, Qpp_5, grades to Qlt_3. Several channels (*e.g.*, Tumbleweed Draw) on this piedmont surface were likely former Rio Peñasco channels.

Lithologically, the Rio Peñasco piedmont deposits are distinctly different from those of Eagle Creek to the north and Seven Rivers to the south. While gravels are dominated by limestone clasts, dolomite, chert, yellow-brown sandstone, conglomerate, and quartzite are common. The matrix consists of dark yellowish brown (10YR3/4) to light brown (7.5YR6/3), unconsolidated, moderately sorted, coarse- to fine-grained sand, silty sand, silt, and sandy clay. Stage V-VI pedogenic carbonate can be found in the oldest deposits, while middle to upper Pleistocene deposits range from stage IV to III. Degree of pedogenic carbonate development can be the main distinguishing characteristic between the youngest deposits.

Qpp5 **Youngest Quaternary piedmont alluvium (Holocene to upper Pleistocene) —** Thickness 1 to 3 m.

Qpp4 **Younger Quaternary piedmont alluvium (Upper Pleistocene) —** Thickness 2 to 4 m.

Qpp3 **Old Quaternary piedmont alluvium (Upper to middle Pleistocene) —** Most extensive deposit. Thickness 2 to 4 m.

QTpp2 **Older piedmont alluvium (Middle Pleistocene to late Pliocene) —** Thickness 2 to 6 m.



Contact beneath conglomeratic boulder between $QTpp_2$ and a $Qppc_2$ channel, incised into the old Rio Peñasco piedmont alluvium. The boulder is not *in situ* and its' matrix is actually stage V pedogenic carbonate.

Rio Peñasco piedmont channel deposits (Historic to upper Pleistocene) — Numerous, thin alluvial channels, swales, and occasional coalescing depression fill deposits drain the piedmont alluvial complex. They usually consist of light brown (7.5YR6/4) to pinkish gray (7.5YR6/2), unconsolidated, poorly sorted, fine-grained sand, silt, and clay sediments. They were often mapped primarily by soil moisture increases in lower areas relative to adjacent piedmont deposits noted on photography. Eolian input often mantles the "v-shaped" contours associated with stream channels and in some areas sand sheets and dunes can fill these channels (*Qpce*). On the Rio Peñasco, on the Dayton quad immediately to the south, older channels ($Qppc_2$) are mapped on Qpp_3 surfaces, similar and stratigraphically equivalent to those on Eagle Creek Qpe_2 deposits.

Qppc2 **Young Quaternary piedmont channels (Holocene to upper Pleistocene) —** Thickness <1 to 2 m.

Qpce **Young Quaternary piedmont channels filled with eolian sands, occasionally forming dunes (Holocene to upper Pleistocene) —** Thickness ≤ 1 m.

Eagle Creek alluvial piedmont complex

Eagle Creek alluvial piedmont deposits (Upper to middle Pleistocene) — Eagle Creek (or Eagle Draw further west) heads on the easternmost flank of the southern Sacramento Mountains in San Andres Formation (*Psa*) rocks and flows east to the Pecos River. Where it leaves the Permian highlands, it has built a large piedmont alluvial complex, which coalesces with the Rio Felix to the north and the Rio Peñasco to the south. This piedmont complex grades to and onto the Pecos Valley alluvial terraces. Oldest, highest remnant surfaces are correlative to Quaternary – Tertiary piedmont deposits of the Rio Peñasco ($QTpp_3$). Collectively, these are comprised of gravels that are almost exclusively limestone derived from *Psa*, supported in a matrix of light brown (7.5YR6/3), unconsolidated, moderately sorted, coarse- to fine-grained sand, silty sand, silt (largely calcareous), and sandy clay. Topographic expression between the youngest deposits are often to subtle to practically non-existent. Distinction is often based upon a stronger developed pedogenic carbonate (Qpe_2 = stage III – II+; Qpe_4 = stage II). Qpe_4 grades to Qlt_3.

Qpe4 **Youngest Quaternary piedmont alluvium (Holocene to upper Pleistocene) —** Thickness 1 to 3 m.

Qpe3 **Younger Quaternary piedmont alluvium (Upper Pleistocene) —** Thickness 2 to 4 m.

Qpe2 **Older Quaternary piedmont alluvium (Upper to middle Pleistocene) —** Most extensive deposit. Thickness 2 to 4 m.

QTpe1 **Oldest piedmont alluvium (Middle Pleistocene to late Pliocene) —** Thickness 2 to 6 m.

Eagle Creek piedmont channel deposits (Historic to upper Pleistocene) — Up until the mid 20th Century, prior to channelization through town, Eagle Creek flowed primarily south of the town of Artesia. These abandoned channels (2-3 m thick) are now similar to the numerous, thin alluvial channels, swales, and occasional coalescing depression fill deposits that only drain the local piedmont alluvial complex. These channels usually consist of light brown (7.5YR6/4) to pinkish gray (7.5YR6/2), unconsolidated, poorly sorted, fine-grained sand, silt, and clay sediments. They were often mapped primarily by soil moisture increases in lower areas relative to adjacent piedmont deposits noted on photography. Eolian input often mantles the "v-shaped" contours associated with stream channels and in some areas sand sheets and dunes can fill these channels (*Qpce*). Older channels ($Qpec_2$) are mapped on Qpe_2 surfaces above modern Eagle Creek in the vicinity of the Eagle Creek retaining dam on the northwestern edge of the quad.

Qpec2 **Young Quaternary piedmont channels (Holocene to upper Pleistocene) —** Thickness <1 to 2 m.

Qpec1 **Older Quaternary piedmont channels (Upper Pleistocene) —** Thickness <1 to 2 m.

Qpce **Young Quaternary piedmont channels filled with eolian sands, occasionally forming dunes (Holocene to upper Pleistocene) —** Thickness ≤ 1 m.

Quaternary depression fill and sinkhole deposits

Qd **Quaternary depression fill, undifferentiated (Holocene to middle Pleistocene) —** Unconsolidated, well-sorted, fine-grained (fine sands to clay) complexes of alluvial, colluvial, eolian, and occasional lacustrine deposits within closed depressions. Colors variable. Depressions are created by either gradual subsidence or sudden collapse followed by gradual subsidence of underlying gypsiferous carbonate terrane. These complexes are often significantly modified by stream erosion and deposition, playa deposition, deflation, and mass wasting. Depression fills have been active since the middle Pleistocene and are usually 1-3 m thick but can reach thicknesses in excess of 30 m.

Qsks **Quaternary sinkhole deposits, primarily caused by collapse (Historic to middle Pleistocene) —** Complexes of unconsolidated, well- to poorly-sorted, coarse- to fine-grained sands to clay, alluvial, colluvial, eolian, and occasional lacustrine deposits within closed depressions. Colors variable. Thickness <1 to 3 m.

PALEOZOIC

Permian Artesia Group

Pqg **Queen and Grayburg formations, undifferentiated** (Guadelupian) — Cross section only.

Lower Permian Formations

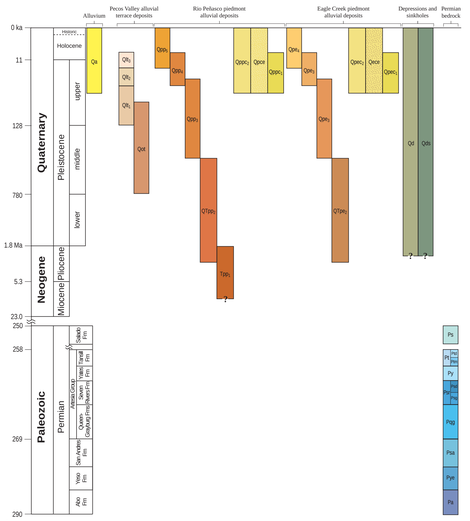
Psa **San Andres formation** — Cross section only.

Pg **Glorieta sandstone tongue** — Cross section only.

Pye **Yeso formation, undifferentiated** — Cross section only.

Pa **Abo formation, undifferentiated** — Cross section only.

CORRELATION OF MAP UNITS



View looking north-northwest with Tumbleweed Draw in the foreground (*Qa*). Younger Rio Peñasco piedmont deposits (Qpp_4) below the storage tank are inset into old piedmont deposits (Qpp_3). The hill on the distant skyline is $QTpp_2$.

GEOLOGIC CROSS SECTION

COMMENTS TO MAP USERS

A geologic map displays information on the distribution, nature, orientation, and age relationships of rock and deposits and the occurrence of structural features. Geologic and fault contacts are irregular surfaces that form boundaries between different types or ages of units. Data depicted on this geologic quadrangle map may be based on any of the following: reconnaissance field geologic mapping, compilation of published and unpublished work, and photogeologic interpretation. Locations of contacts are not surveyed, but are plotted by interpretation of the position of a given contact onto a topographic base map; therefore, the accuracy of contact locations depends on the scale of mapping and the interpretation of the geologist(s). Any enlargement of this map could cause misunderstanding in the detail of mapping and may result in erroneous interpretations. Site-specific conditions should be verified by detailed surface mapping or subsurface exploration. Topographic and cultural changes associated with recent development may not be shown.

Cross sections are constructed based upon the interpretations of the author made from geologic mapping, and available geophysical, and subsurface (drillhole) data. Cross-sections should be used as an aid to understanding the general geologic framework of the map area, and not be the sole source of information for use in locating or designing wells, buildings, roads, or other man-made structures.

The map has not been reviewed according to New Mexico Bureau of Geology and Mineral Resources standards. The contents of the report and map should not be considered final and complete until reviewed and published by the New Mexico Bureau of Geology and Mineral Resources. The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the State of New Mexico, or the U.S. Government.

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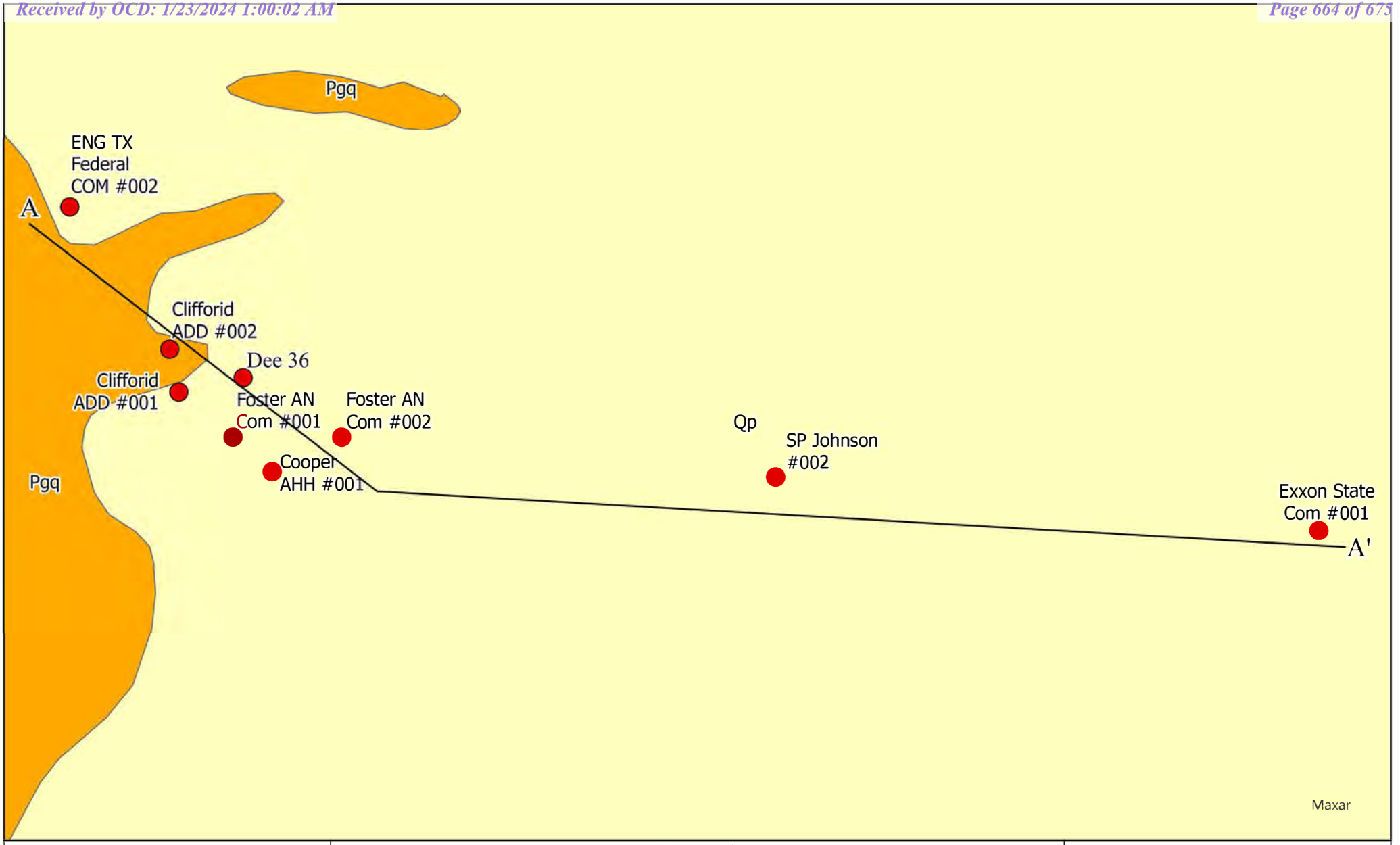


Figure 6, Cross Section Map

EOG
Dee 36 State Com Battery
API: 30-015-26185
Section 36, Township 19S, Range 24E
32.613016, -104.547127
Eddy County , New Mexico
Project #19034-0012

Legend

Qp — Quaternary Pediment

Pgq — Permian Grayburg/Queen Formation

Site Location

1:45,000

0 — 0.82 — 1.65 — 3.3 Miles

envirotech
Environmental Scientists and Engineers
5796 U.S Highway 64
Farmington, New Mexico 87401
505.632.0615
Date Drawn: 08/18/2023
Drawn by: P. Mesa

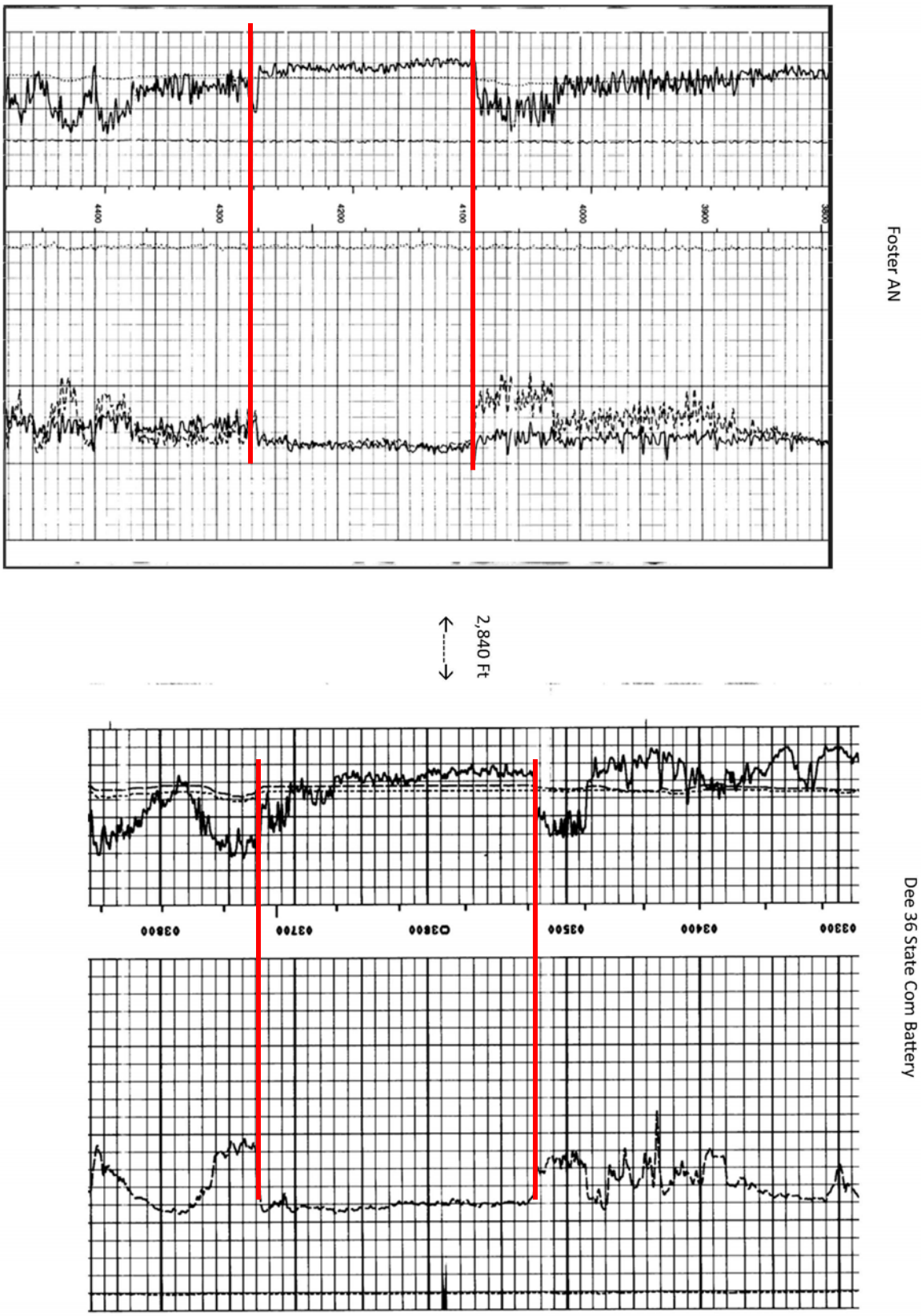


Figure 7: Well log of a Conoco Inc. of a distinct limestone stratum correlated from Foster AN #002 and Dee 36 State Battery #001.

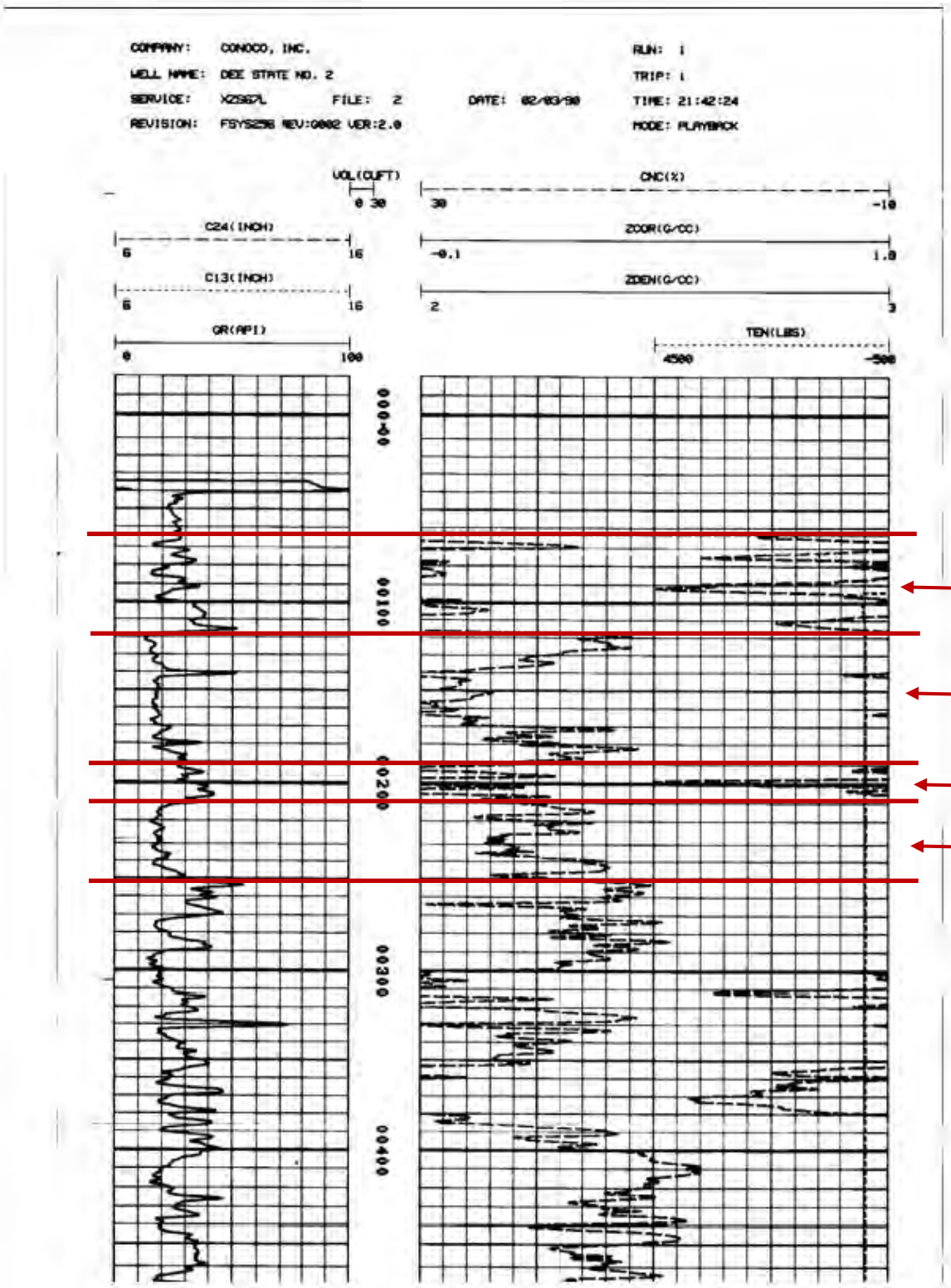


Figure 8: Dee 36 State Com #001 well log from Conco, Inc of the first 400 feet showing zones of interbedded limestone, Queens formation, Artesian red sands, and Grayburg formations.

David, Deon W.

From: David, Deon W.
Sent: Wednesday, September 25, 2024 1:23 PM
To: Patricia_Donald@eogresources.com
Cc: SLO Surface ECO; Alvino Garcia Jr
Subject: NMLB0617247298. EOG Resources, Inc. - Dee 36 SW State Com Battery. Remediation Closure Suspended/Deferred.

Documentation of a spill/release remediation was received from your office, regarding the subject site incident. The NMSLO Environmental Compliance Office (ECO) has reviewed the records submitted regarding the subject remediation efforts, and based on the current site conditions, NMSLO considers the spill/release remediation resolved. However, reclamation will still be required in the future, per applicable NMSLO lease contract and rules, and in accordance with 19.15.29.13 NMAC.

ECO Incident Status for EOG Resources, Inc. - Dee 36 SW State Com Battery.

19.15.29.12 NMAC Remediation and Closure - COMPLETE
19.15.29.13 NMAC Restoration, Reclamation, and Revegetation – SUSPENDED/DEFERRED

Please submit a notice to ***eco@slo.state.nm.us*** when the remediation area has been seeded. Continue to monitor and treat the reclamation for unauthorized traffic and invasive or noxious weeds. Monitor the reclamation area for uniform vegetative cover. When you have determined that vegetation has been established that reflects pre-disturbance vegetation cover with a total percent plant cover of greater than 70% of pre-disturbance area levels, excluding invasive or noxious weeds, submit a Reclamation Closure Report Request to ***eco@slo.state.nm.us*.**

Environmental Compliance Office
Surface Resources Division
eco@nmslo.gov
nmstatelands.org

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

QUESTIONS

Action 306224

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 306224
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nMLB0617247298**
Incident Name	**NMLB0617247298 DEE 36 SW STATE #002 @ 30-015-26185**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-015-26185] DEE 36 SW STATE #002**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DEE 36 SW STATE #002
Date Release Discovered	04/24/2006
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Water Tank | Produced Water | Released: 30 BBL | Recovered: 8 BBL | Lost: 22 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Tina Huerta Title: Regulatory Reporting Supervisor Email: tina_huerta@eogresources.com Date: 01/22/2024

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 306224
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 500 and 1000 (ft.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 500 and 1000 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	3460
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10924
GRO+DRO (EPA SW-846 Method 8015M)	9264
BTEX (EPA SW-846 Method 8021B or 8260B)	144
Benzene (EPA SW-846 Method 8021B or 8260B)	4.8
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	03/14/2017
On what date will (or did) the final sampling or liner inspection occur	06/23/2023
On what date will (or was) the remediation complete(d)	06/23/2023
What is the estimated surface area (in square feet) that will be reclaimed	6050
What is the estimated volume (in cubic yards) that will be reclaimed	5600
What is the estimated surface area (in square feet) that will be remediated	6050
What is the estimated volume (in cubic yards) that will be remediated	5600
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 306224
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Yes
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Tina Huerta Title: Regulatory Reporting Supervisor Email: tina_huerta@eogresources.com Date: 01/22/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

QUESTIONS (continued)

Operator:	OGRID:
EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	7377
	Action Number: 306224
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 306224
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**306191**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**06/23/2023**
What was the (estimated) number of samples that were to be gathered	**4**
What was the sampling surface area in square feet	**800**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	6050
What was the total volume (cubic yards) remediated	5600
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	6050
What was the total volume (in cubic yards) reclaimed	5600
Summarize any additional remediation activities not included by answers (above)	Please see attached report

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Tina Huerta Title: Regulatory Reporting Supervisor Email: tina_huerta@eogresources.com Date: 01/22/2024

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QUESTIONS (continued)

Operator:	OGRID:
EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	7377
	Action Number: 306224
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	7377
	Action Number: 306224
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation closure and variance approved.	11/25/2024
bhall	Treated soils must only be used for backfill below 4 feet. Any additional treated soils that cannot be placed back into the excavation must be hauled for disposal at a NMOCD approved facility.	11/25/2024
bhall	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	11/25/2024
bhall	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	11/25/2024
bhall	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	11/25/2024
bhall	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	11/25/2024
bhall	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	11/25/2024