



July 27, 2022

Vertex Project #: 22E-00124-02

Spill Closure Report: Gates AAC Battery
Section 22, Township 18 South, Range 26 East
API: 30-015-25102
County: Eddy
Incident Report: nAPP2127258746

Prepared For: EOG Resources, Inc.
104 South 4th Street
Artesia, New Mexico 88210

New Mexico Oil Conservation Division – District 2 – Eddy

811 South 1st Street
Artesia, New Mexico 88210

EOG Resources, Inc. (EOG) retained Vertex Resource Services Inc. (Vertex) to conduct a Spill Assessment for a historical release of produced water in and around the tank battery at Gates AAC Battery, API 30-015-25102, incident nAPP2127258746 (hereafter referred to as “Gates”). EOG provided notification to New Mexico Oil Conservation District (NMOCD) District 2 and the private landowner via submission of an initial C-141 Release Notification (Attachment 1). This letter provides a description of the Spill Assessment and includes a request for Spill Closure. The spill area is located at N 32.73624, W -104.37482.

Background

The site is located approximately 0.69 miles northeast of Dayton, New Mexico (Google Inc. 2022). The legal location for the site is Section 22, Township 18 South and Range 26 East in Eddy County, New Mexico. The spill area is located on private property. An aerial photograph and site schematic were included in the NMOCD approved Remediation Plan and Variance request.

The Geological Map of New Mexico (New Mexico Bureau of Geology and Mineral Resources, 2022) indicates the site’s surface geology is comprised primarily of Qp - Piedmont alluvial deposits (Holocene to lower Pleistocene) and is characterized as Karro loam. Predominant soil texture on the site is loam to clay loam. Ecological settings of the area include vegetation of black grama, forbs, threeawns, bunch grasses and sand dropseed. Creosote, tarbush soaptree yucca, ephedra, fourwing saltbush and winterfat are subdominant.

The surrounding landscape is associated with plains and alluvial fans typical of elevations between 2,500 to 5,300 feet above sea level. The climate is semi-arid with an average annual precipitation ranging between 10 to 15 inches. This soil tends to be well drained with medium runoff and moderate available water supply (United States Department of Agriculture, Natural Resources Conservation Service, 2022).

There is no surface water located on-site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7

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of the New Mexico Administrative Code (NMAC; New Mexico Oil Conservation Division, 2018), is the Pecos River, located 3.82 miles east of the site (United States Fish and Wildlife Service, 2022). There are no continuously flowing watercourses, lakebeds, sinkholes, playa lakes, or other critical water or community features at Gates, as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

Incident Description

The spill consisted of historical contamination being discovered when decommissioning of the tank battery was conducted. The spill was reported on August 5, 2021, and involved the release of an unknown amount of chloride contamination within the tank battery and surrounding pasture area. The NMOCD C-141 Report: nAPP2127258746 is included in Attachment 1. The Daily Field Report (DFRs) and site photographs, and aerial view schematic of characterization sampling were included with the Characterization and Remediation Plan submitted and approved by NMOCD.

Closure Criteria Determination

The depth to groundwater was determined by drilling a borehole permitted by the New Mexico Office of the State Engineer (NMOSE) within a 0.5-mile radius of the site. The borehole was drilled to a depth of 55 feet, was left open as per requirements on the WR-07 Application for Permit to Drill a Well With No Water Right and a bailer was lowered to the bottom of the borehole to collect any groundwater that may have accumulated in the waiting period; no water was present at that time. The borehole was then plugged as per requirements on the WR-08, Well Plugging Plan of Operations. Documentation used in closure criteria determination research was included in the Characterization and Remediation Plan submitted and approved by NMOCD.

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Table 1. Closure Criteria Worksheet			
Site Name: Gates AAC #2			
Spill Coordinates:		X: 32.73780	Y: -104.37481
Site Specific Conditions		Value	Unit
1	Depth to Groundwater	>55	feet
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	20,178	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	14,618	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	1,854	feet
5	i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or	1,503	feet
	ii) Within 1000 feet of any fresh water well or spring	1,503	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)
7	Within 300 feet of a wetland	14,664	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
9	Within an unstable area (Karst Map)	Low	Critical High Medium Low
10	Within a 100-year Floodplain	Zone X Unshaded	year
11	Soil Type	Karro Loam	
12	Ecological Classification	Limy	
13	Geology	Qp	
NMAC 19.15.29.12 E (Table 1) Closure Criteria		51-100'	<50' 51-100' >100'

The closure criteria determined for the site are associated with the following constituent concentration limits as presented in Table 1.

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Table 1. Closure Criteria for Soils to Remediation & Reclamation Standards		
	Constituent	Limit
0-4 feet bgs (19.15.29.13)	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 mg/kg
DTGW 51-100 feet (19.15.29.12)	Chloride	10,000 mg/kg
	TPH (GRO+DRO+MRO)	2,500 mg/kg
	GRO+DRO	1,000 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

TDS – total dissolved solids, TPH – total petroleum hydrocarbons, GRO – gas range organics, DRO – diesel range organics, MRO – motor oil range organics, BTEX – benzene, toluene, ethylbenzene and xylenes

Remedial Actions Taken

An initial site inspection of the spill area began on July 27, 2021, by Talon LPE and was completed by Vertex on November 11, 2021, which identified the area of the spill specified in the initial C-141 Report, estimated the approximate volume of the spill and white lined the area required for the 811 One Call request. The impacted area was determined to be approximately 54,445 square feet. The field screens, laboratory results, and DFRs were included in the Characterization and Remediation Plan submitted to NMOCD. The DFRs associated with the remediation site inspections are included in Attachment 2.

Remediation efforts began on January 10, 2022, and were completed on June 17, 2022. Vertex personnel supervised the excavation of impacted soils. Field screening was completed on multiple sample points and consisted of analysis using a Photo Ionization Detector (volatile hydrocarbons), Dextsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and Titration (chlorides). Field screening results were used to identify areas requiring further remediation from those areas showing concentrations below determined closure criteria levels. Soils were removed to depths of 4, 6, 10, and 20 feet bgs. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. Field screening results are presented in Table 2 (Attachment 3), as well as in the DFRs in Attachment 2.

A remediation plan and variance request were completed and submitted to NMOCD for approval to complete the sampling of the excavation at 1,000 square feet that was denied but approved by NMOCD for every 400 square feet. A midway sampling event was completed to submit with the remediation plan and variance request to provide analysis of the ongoing excavation. Remediation was completed to meet reclamation standards of the tank battery area. Notification of the approved variance request is included in Attachment 4.

Notification that confirmatory samples were being collected was provided to the NMOCD on May 26, 2022, June 2, 2022, and June 9, 2022 (Attachment 4). Confirmatory composite samples were collected from the base and walls of the excavation in 400 square foot increments. A total of 224 samples were collected for laboratory analysis following NMOCD soil sampling procedures. The site schematic with confirmation sample locations is provided on Figure 1 (Attachment 5). Samples were submitted to Envirotech under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), Total Petroleum Hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and Total Chlorides (EPA

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Method 300.0). Laboratory results are presented in Table 2 (Attachment 3) and the laboratory data report is included in Attachment 6. All confirmatory samples collected and analyzed were below closure criteria for the site.

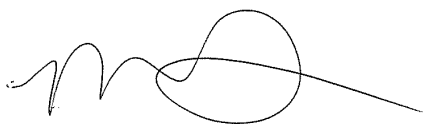
Notification that additional confirmatory samples were being collected was provided to the NMOCD on July 14, 2022 (Attachment 4). Additional excavation and confirmatory sampling were completed to assess areas where original confirmation samples were collected that did not pass closure criteria. Samples were submitted to Envirotech under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), Total Petroleum Hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and Total Chlorides (EPA Method 300.0). Laboratory results are presented in Table 2 (Attachment 3) and the laboratory data report are included in Attachment 6. All confirmatory samples collected and analyzed were below closure criteria for the site.

The tank battery shared a pad with another production company, Premier Oil & Gas (Premier), location name Western Lee #002. The west wall where the tank battery was located that connected to the pad area owned by Premier was sampled to meet criteria for an on-pad release. Test pits were sampled to provide analysis of any present contamination that Premier should be liable for. EOG has completed remediation and reclamation associated with the contamination located in and around the tank battery.

Closure Request

The spill area was fully delineated, remediated and backfilled with local soils. Confirmatory Sample Notification emails are included in Attachment 4. Confirmatory samples were analyzed by the laboratory and found to be below allowable concentrations as per the NMAC Closure Criteria for Soils Impacted by a Release locations “51-100 feet to groundwater”. Based on these findings, EOG Resources, Inc. requests that this spill be closed.

Should you have any questions or concerns, please do not hesitate to contact the undersigned at 575.361.9880 or mpeppin@vertex.ca.



Monica Peppin
PROJECT MANAGER, REPORTING

July 27, 2022

Date

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Attachments

- Attachment 1. NMOCD C-141 Report
- Attachment 2. Daily Field Reports with Photographs
- Attachment 3. Tables
- Attachment 4. Variance Approval and Confirmatory Sampling Notifications
- Attachment 5. Figures
- Attachment 6. Laboratory Data Reports and Chain of Custody Forms

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References

- Google Inc. (2022). *Google Earth Pro (Version 7.3.4)* [Software]. Retrieved from <http://www.google.com/earth> on June 1, 2022.
- New Mexico Bureau of Geology and Mineral Resources. (2022). *Interactive Geologic Map*. Retrieved from <http://geoinfo.nmt.edu>.
- New Mexico Oil Conservation Division. (2018). *New Mexico Administrative Code – Natural Resources and Wildlife Oil and Gas Releases*. Santa Fe, New Mexico.
- United States Department of Agriculture, Natural Resources Conservation Service. (2022). *Web Soil Survey*. Retrieved from <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>.
- United States Fish and Wildlife Service. (2022). *National Wetlands Inventory*. Retrieved from <https://www.fws.gov/wetlands/data/Mapper.html>.

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Limitations

This report has been prepared for the sole benefit of EOG Resources, Inc. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division, without the express written consent of Vertex Resource Services Inc. (Vertex) and EOG Resources, Inc. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

ATTACHMENT 1

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 Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2127258746
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Robert Asher	Contact Telephone 575-748-4217
Contact email bob_asher@eogresources.com	Incident # (assigned by OCD)
Contact mailing address 104 South Fourth Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.73624 Longitude -104.37482
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Gates AAC Battery	Site Type: Battery
Date Release Discovered: 8/5/2021	API# 30-015-25102

Unit Letter	Section	Township	Range	County
D	22	18S	26E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Wanda Faye Wilson Estate)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (Unknown)	Volume Recovered (Unknown)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/>	Volume/Weight Released	Volume/Weight Recovered

Cause of Release

When conducting decommission work of the tank battery after the Gates AAC #2 was plugged and abandoned, historical contamination (chlorides) was discovered in an area in and around the tank battery. (approximate area, 185' X 325').

Incident ID	nAPP2127258746
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate OCD District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: Amber Griffin Title: Rep Safety & Environmental Sr
Signature: *Amber Griffin* Date: 7/29/2022
email: amber_griffin@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: *Jennifer Nobui* Date: 08/03/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

ATTACHMENT 2



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	5/31/2022
Site Location Name:	Gates AAC #2	Report Run Date:	5/31/2022 10:53 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site 5/31/2022 9:00 AM

Departed Site 5/31/2022 4:05 PM

Field Notes

16:03 On site to begin confirmation sampling.

16:03 Obtained WS22-01, 02, 03, 04, and 05.

All but WS22-01 came back clean and jarred.

Next Steps & Recommendations

1 Continue confirmation sampling



Daily Site Visit Report

Site Photos

Viewing Direction: Northwest

Date & Time: Tue May 31 15:35:39 MDT 2022
Position: +032.73646° / -104.37485°
Altitude: 1020m
Datum: WGS-84
Azimuth/Bearing: 332° N28W 5902mils (True)
Zoom: 1X



Descriptive Photo - 1
Viewing Direction: Northwest
Desc: Far Northwest wall
Created: 5/31/2022 4:04:38 PM
Lat:32.73646, Long:-104.37485

Far Northwest wall

Viewing Direction: North

Date & Time: Tue May 31 15:35:42 MDT 2022
Position: +032.73646° / -104.37485°
Altitude: 1020m
Datum: WGS-84
Azimuth/Bearing: 014° N14E 0249mils (True)
Zoom: 1X



Descriptive Photo - 2
Viewing Direction: North
Desc: North wall
Created: 5/31/2022 4:04:16 PM
Lat:32.73646, Long:-104.37485

North wall

Viewing Direction: Northeast

Date & Time: Tue May 31 15:35:46 MDT 2022
Position: +032.73645° / -104.37485°
Altitude: 1020m
Datum: WGS-84
Azimuth/Bearing: 071° N71E 1262mils (True)
Zoom: 1X



Descriptive Photo - 3
Viewing Direction: Northeast
Desc: North wall heading East
Created: 5/31/2022 4:04:35 PM
Lat:32.73645, Long:-104.37485

North wall heading East

Viewing Direction: East

Date & Time: Tue May 31 15:35:49 MDT 2022
Position: +032.73645° / -104.37485°
Altitude: 1020m
Datum: WGS-84
Azimuth/Bearing: 100° S80E 1778mils (True)
Zoom: 1X



Descriptive Photo - 4
Viewing Direction: East
Desc: Continued North wall heading to East corner
Created: 5/31/2022 4:04:58 PM
Lat:32.73645, Long:-104.37485

Continued North wall heading to East corner

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Austin Harris

Signature:

A handwritten signature in black ink, appearing to be 'AH', written over a horizontal line.

Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 5/31/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
WES22-01	4.0	0	61				1070				
WES22-02	4.0	0	38				513	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
WES22-03	4.0	0	46				345	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
WES22-04	0.0	0	29				295	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
WES22-05	4.0	0	28				248	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	6/1/2022
Site Location Name:	Gates AAC #2	Report Run Date:	6/1/2022 10:47 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	6/1/2022 7:00 AM
Departed Site	6/1/2022 3:39 PM

Field Notes

15:36 Continue confirmation sampling

15:37 Resampled WS22-01,
Obtained WS22-06, 07, 08.
Obtained BS22-01 to 16.

15:37 See DSS for results.

Next Steps & Recommendations

1 Continue sampling

Daily Site Visit Report



Site Photos

Viewing Direction: Northeast



North wall area and base excavation area
where base samples taken

Viewing Direction: Northeast



North wall area and base excavation area
where base samples taken

Viewing Direction: East



North wall area and base excavation area
where base samples taken

Viewing Direction: South



South wall where last wall samples obtained

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Austin Harris

Signature:

A handwritten signature in black ink, appearing to be 'AH', written over a horizontal line.

Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 6/1/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-01	4.0	0	33				1317	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-02	4.0	0	26				2055	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-03	4.0	0	37				2175	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-04	4.0	0	47				852	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-05	4.0	0	36				2717	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-06	4.0	0	33				860	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-07	4.0	0	38				1562	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-08	4.0	0	40				1855	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-09	4.0	0	81				1355	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			

Daily Soil Sampling



BES22-10	4.0	0	73				2342	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-11	4.0	0	40				1610	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-12	4.0	0	41				2687	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-13	4.0	0	42				2022	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-14	4.0	0	37				1932	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-15	4.0	0	32				2480	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-16	4.0	0	58				1367	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
WES22-01	4.0	0	29				755				
WES22-06	4.0	0	34				247	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
WES22-07	4.0	0	413				447				
WES22-08	4.0	0	29				2642				

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 6/2/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-17	4.0	0	32	0.45	23.2	456			✓	✓	
BES22-18	4.0	0	142	1.18	23.1	1513			✓	✓	
BES22-19	4.0	0	30	1.40	23	1835			✓	✓	
BES22-20	4.0	0	52	1.23	23	1590			✓	✓	
BES22-21	4.0	0	38	2.76	22.9	3803			✓	✓	
BES22-22	4.0	0	32	1.25	22.5	1641			✓	✓	
BES22-23	4.0	0	69	0.79	21.9	1003			✓	✓	
BES22-24	4.0	0	34	3.23	22.8	4485			✓	✓	
BES22-25	4.0	0	23	3.24	22.3	4521			✓	✓	
BES22-26	4.0	0	20	1.41	22.6	1867			✓	✓	
BES22-27	4.0	0	45	3.69	26.6	4985			✓	✓	
BES22-28	4.0	0	40	3.55	25.7	4822			✓	✓	
BES22-29	4.0	0	87	3.54	25.8	4803			✓	✓	
BES22-30	4.0	0	73	1.94	25.7	2498			✓	✓	
BES22-31	4.0	0	66	2.73	26.2	3616			✓	✓	
BES22-32	4.0	0	76	1.74	28.6	2084			✓	✓	
BES22-33	4.0	0	165	1.60	28	1908			✓	✓	
BES22-34	4.0	0	66	1.07	27.8	1151			✓	✓	
BES22-35	4.0	0	52	0.92	27.6	943			✓	✓	
BES22-36	4.0	0	150	2.34	26.5	3041			✓	✓	
BES22-37	4.0	0	90	2.41	25.1	3202			✓	✓	
BES22-38	4.0	0	121	2.31	24.5	3084			✓	✓	
BES22-39	4.0	0	71	3.79	24.7	5211			✓	✓	
BES22-40	4.0	0	56	3.83	25	5256			✓	✓	
BES22-41	4.0	0	44	4.56	24.4	6336			✓	✓	
BES22-42	4.0	0	39	3.91	25.5	5350			✓	✓	
BES22-42	4.0	0	39	3.91	25.5	5350			✓	✓	
BES22-43	4.0	0	39	3.91	25.5	5350				✓	

Daily Soil Sampling



BES22-44	5.0	0		18.20	32.2	25684				✓	
BES22-45	5.0	0		20.00	31.8	28300				✓	
BES22-46	5.0	0		15.40	31.3	21682				✓	
BES22-47	5.0	0		13.35	30.9	18741				✓	
WES22-09	5.0	0		6.40	29.2	8783					
WES22-10	5.0	0		17.24	30	24394					
WES22-11	5.0	0		16.75	28.8	23739					



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	6/2/2022
Site Location Name:	Gates AAC #2	Report Run Date:	6/2/2022 10:40 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site 6/2/2022 7:45 AM

Departed Site 6/2/2022 3:30 PM

Field Notes

14:34 Continue confirmation sampling.

14:36 Obtained BS22-17 to BS22-43.

Sampled BS22-44, 45, 46, and 47 in a 1' pit below 4' remediation (5' total) and all samples came back +20,000 on chloride.

Next Steps & Recommendations

1 Continue confirmation sampling

Daily Site Visit Report



Site Photos

Viewing Direction: Northeast



North end of excavation where sampling took place

Viewing Direction: East



North end of excavation where sampling took place

Viewing Direction: East



1' pit within 4' excavation that tested very high on chloride

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Austin Harris

Signature:

A handwritten signature in black ink, appearing to be 'AH' or similar initials, written over a horizontal line.

Signature



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	6/3/2022
Site Location Name:	Gates AAC #2	Report Run Date:	6/3/2022 10:41 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	6/3/2022 8:00 AM
Departed Site	6/3/2022 4:30 PM

Field Notes

15:25 Confirmation sampling.
Obtained BS22-48 to BS22-61.
All samples under criteria and prepared for lab analysis.

Next Steps & Recommendations

1



Daily Site Visit Report

Site Photos

Viewing Direction: East



Middle area of excavation where confirmation sampling took place

Viewing Direction: Southeast



South area still to be sampled

Viewing Direction: South



Pit area TBD on sampling plan

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Austin Harris

Signature:

A handwritten signature in black ink, appearing to be 'AH' or similar, written over a horizontal line.

Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 6/3/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-48	4.0	0	90	2.57	24.8	3446		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-49	4.0	0	93	2.92	24.8	3951		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-50	4.0	0	133	2.03	24.8	2667		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-51	4.0	0	121	3.47	25	4736		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-52	4.0	0	201	1.65	24.9	2114		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-53	4.0	0	60	1.25	24.6	1550		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-54	4.0	0	40	1.15	24.6	1405		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-55	4.0	0	49	2.07	24.8	2724		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-56	4.0	0	63	1.81	24.8	2349		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			

Daily Soil Sampling



BES22-57	4.0	0	55	1.70	25.1	2177		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-58	4.0	0	175	3.66	25.5	4989		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-59	4.0	0	155	2.84	25.4	3810		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-60	4.0	0	98	2.74	25.4	3665		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-61	4.0	0	93	5.43	26	7522		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	6/6/2022
Site Location Name:	Gates AAC #2	Report Run Date:	6/6/2022 10:58 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site 6/6/2022 8:15 AM

Departed Site 6/6/2022 5:00 PM

Field Notes

10:13 WWS stopped by to drop off a backhoe for later this week

11:40 Samples BS22-62 through BS22-68 collected and mapped

16:51 Samples through BS22-79 collected by 1:30, ran all samples. All but 63 and 65 came back clean, packaged for lab

Next Steps & Recommendations

- 1 Continue with confirmation and excavation where needed

Daily Site Visit Report



Site Photos

Viewing Direction: Northeast



Descriptive Photo - 1
Viewing Direction: Northeast
Desc: Excavation
Created: 6/6/2022 4:50:20 PM
Lat:32.736250, Long:-104.374875

Excavation

Viewing Direction: East



Descriptive Photo - 2
Viewing Direction: East
Desc: From BS22-62 to BS22-79
Created: 6/6/2022 4:50:53 PM
Lat:32.736250, Long:-104.374970

From BS22-62 to BS22-79

Viewing Direction: Southeast



Descriptive Photo - 3
Viewing Direction: Southeast
Desc: Excavation
Created: 6/6/2022 4:50:20 PM
Lat:32.736250, Long:-104.374875

Excavation

Viewing Direction: Northeast



Descriptive Photo - 4
Viewing Direction: Northeast
Desc: Excavation
Created: 6/6/2022 4:50:20 PM
Lat:32.736250, Long:-104.374875

Excavation

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:


Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Dayton ER Battery

Date: (SD: 6/6/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-62	4.0	0	156	5.28	34.5	6937			✓	✓	
BES22-63	4.0	0		8.51	32.8	11673				✓	
BES22-64	4.0	0	162	5.74	32.7	7679			✓	✓	
BES22-65	4.0	0		15.26	32.7	21419				✓	
BES22-66	4.0	0	225	4.80	32.6	6327			✓	✓	
BES22-67	4.0	0	172	3.72	31.7	4807			✓	✓	
BES22-68	4.0	0	64	3.70	35.2	4627			✓	✓	
BES22-69	4.0	0	66	3.56	35.2	4425			✓	✓	
BES22-70	4.0	0	92	3.22	35.7	3912			✓	✓	
BES22-71	4.0	0	74	2.99	28.8	3879			✓	✓	
BES22-72	4.0	0	95	2.50	29.2	3155			✓	✓	
BES22-73	4.0	0	81	1.03	28.9	1046			✓	✓	
BES22-74	4.0	0	49	1.09	28.2	1163			✓	✓	
BES22-75	4.0	0	105	0.67	32.9	353			✓	✓	
BES22-76	4.0	0	92	0.55	33.2	167			✓	✓	
BES22-77	4.0	0	106	0.43	33.3	0			✓	✓	
BES22-78	4.0	0	69	1.13	33.5	991			✓	✓	
BES22-79	4.0	0	56	1.85	34	2009			✓	✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	6/7/2022
Site Location Name:	Gates AAC #2	Report Run Date:	6/7/2022 11:07 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	6/7/2022 8:15 AM
Departed Site	6/7/2022 4:00 PM

Field Notes

8:36 Per rancher request, inspecting fencing to see if it needs replaced or just repaired

9:04 Beginning sampling with BS22-80 after sweep of area with line finder

10:39 Collected samples through BS22-87

12:53 Ran all samples and collected and ran some wall samples

12:55 Collecting samples beginning with BS22-88

13:53 Collected samples through BS22-94

15:14 WWS on site putting up new fence

Next Steps & Recommendations

- 1 Continue sampling
- 2 Excavate walls and base to clean

Daily Site Visit Report



Site Photos

Viewing Direction: Northeast



Excavation

Viewing Direction: South



Excavation

Viewing Direction: Southwest



Excavation

Viewing Direction: West



Today's sampling area

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

A handwritten signature in black ink, appearing to be 'Jm', written over a horizontal line.

Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 6/7/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-80	4.0	0	217	1.77	29.7	2079			✓	✓	
BES22-81	4.0	0		2.33	28.9	2922			✓	✓	
BES22-82	4.0	0	118	3.40	28.1	4501			✓	✓	
BES22-83	4.0	0		3.92	28.5	5234			✓	✓	
BES22-84	4.0	0	188	4.80	28.3	6513			✓	✓	
BES22-85	4.0	0		3.67	28	4895			✓	✓	
BES22-86	4.0	0	453	3.82	28.2	5103			✓	✓	
BES22-87	4.0	0	301	4.32	28.2	5825			✓	✓	
BES22-88	4.0	0	204	3.85	37.6	4739			✓	✓	
BES22-89	4.0	0	309	3.66	34.2	4612			✓	✓	
BES22-90	4.0	0	276	3.64	32.7	4648			✓	✓	
BES22-91	4.0	0		3.17	32.5	3979			✓	✓	
BES22-92	4.0	0	376	3.68	32.9	4697			✓	✓	
BES22-93	4.0	0		3.50	34	4390			✓	✓	
BES22-94	4.0	0	300	1.39	32.5	1410			✓	✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	6/8/2022
Site Location Name:	Gates AAC #2	Report Run Date:	6/8/2022 11:11 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	6/8/2022 11:00 AM
Departed Site	6/8/2022 4:00 PM

Field Notes

11:29 Safety meeting and line locator sweep complete, beginning sampling at BS22-95
12:59 Ran all samples for chlorides
13:02 Sampling starting with 105
15:56 All samples run and packaged.

Next Steps & Recommendations

- 1 Continue excavation and confirmation

Daily Site Visit Report



Site Photos

Viewing Direction: South



New fencing installed yesterday afternoon

Viewing Direction: East



Excavation

Viewing Direction: North



Fence

Viewing Direction: Northeast



Excavation

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:


Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 6/8/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-100	4.0	0		2.89	30.4	3665			✓	✓	
BES22-101	4.0	0		4.48	30.7	5947			✓	✓	
BES22-102	4.0	0		2.50	30.8	3085			✓	✓	
BES22-103	4.0	0	91	2.64	31.1	3274			✓	✓	
BES22-104	4.0	0		3.17	31.3	4031			✓	✓	
BES22-105	4.0	0		3.30	36.4	3997			✓	✓	
BES22-106	4.0	0		2.93	35.2	3515			✓	✓	
BES22-107	4.0	0	95	2.67	34.8	3157			✓	✓	
BES22-108	4.0	0	61	3.44	34.4	4286			✓	✓	
BES22-109	4.0	1	132	3.96	33.9	5058			✓	✓	
BES22-110	4.0	0		3.54	34.9	4409			✓	✓	
BES22-111	4.0	0		3.54	34.3	4435			✓	✓	
BES22-112	4.0	0		3.68	35.1	4602			✓	✓	
BES22-113	4.0	0		1.44	35.6	1348			✓	✓	
BES22-114	4.0	0	114	1.89	35.5	2001			✓	✓	
BES22-115	4.0	0		1.75	35.5	1799			✓	✓	
BES22-116	4.0	0		1.28	36.4	1082			✓	✓	
BES22-117	4.0	0		1.56	34.9	1551			✓	✓	
BES22-118	4.0	0		1.55	34.9	1537			✓	✓	
BES22-95	4.0	0		1.29	31.3	1317			✓	✓	
BES22-96	4.0	0		2.58	30.4	3218			✓	✓	
BES22-97	4.0	0		2.39	29.3	2991			✓	✓	
BES22-98	4.0	0	34	0.74	28.6	640			✓	✓	
BES22-99	4.0	0		1.78	30	2081			✓	✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	6/9/2022
Site Location Name:	Gates AAC #2	Report Run Date:	6/9/2022 10:18 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	6/9/2022 8:00 AM
Departed Site	6/9/2022 3:30 PM

Field Notes

10:17 Started sampling at BS22-119 at 10:00 after running line finder
15:15 Wild West will put fence back up before leaving site

Next Steps & Recommendations

1 Continue confirmation sampling

Daily Site Visit Report



Site Photos

Viewing Direction: Northeast



Excavation

Viewing Direction: West



Area around BS22-120

Viewing Direction: North



Taking out 6" of west wall



Viewing Direction: Southeast



Digging 1.4' pothole into pad to see where chlorides are



Daily Site Visit Report

<p>Viewing Direction: Northwest</p>  <p><small>Descriptive Photo - 8 Viewing Direction: Northwest Desc: Taking down hot areas on base and walls Created: 8/2/2022 3:15:44 PM Lat: 23.736306, Long: -104.378164</small></p>	<p>Viewing Direction: North</p>  <p><small>Descriptive Photo - 8 Viewing Direction: North Desc: Stockpile lined and ready for trucks Created: 8/2/2022 3:15:44 PM Lat: 23.736306, Long: -104.378164</small></p>
<p>Taking down hot areas on base and walls</p>	<p>Stockpile lined and ready for trucks</p>
<p>Viewing Direction: Northeast</p>  <p><small>Descriptive Photo - 8 Viewing Direction: Northeast Desc: Excavation Created: 8/2/2022 3:15:44 PM Lat: 23.736306, Long: -104.378164</small></p>	<p>Viewing Direction: Southeast</p>  <p><small>Descriptive Photo - 8 Viewing Direction: Southeast Desc: TP22-01 and 02 Created: 8/2/2022 3:15:44 PM Lat: 23.736306, Long: -104.378164</small></p>
<p>Excavation</p>	<p>TP22-01 and 02</p>

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

A handwritten signature in black ink, appearing to read 'Sally Carttar', written over a horizontal line.

Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 6/9/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-119	4.0			1.52	29.8	1714			✓	✓	
BES22-120	4.0			2.85	28.8	3677			✓	✓	
BES22-121	4.0			3.31	26.9	4423			✓	✓	
BES22-122	4.0			3.23	28	4260			✓	✓	
BES22-123	4.0			2.47	28.9	3124			✓	✓	
BES22-124	4.0			4.63	29	6237			✓	✓	
BES22-125	4.0			5.12	27.9	6992			✓	✓	
BES22-126	4.0			4.44	31.6	5851			✓	✓	
BES22-127	4.0			3.32	31.3	4247			✓	✓	
BES22-128	4.0			5.47	32.7	7290			✓	✓	
BES22-129	4.0			0.86	32.1	662			✓	✓	
BES22-130	4.0			0.72	30.9	512			✓	✓	
BES22-131	4.0			0.47	29.8	199			✓	✓	
BES22-132	4.0			0.46	30.5	154			✓	✓	
BES22-133	4.0			1.22	29.9	1277			✓	✓	
BES22-134	4.0			1.71	30	1980			✓	✓	
BES22-135	4.0			3.83	30.5	5018			✓	✓	
BES22-136	4.0			4.70	30.7	6265			✓	✓	
BES22-137	4.0			5.93	30.9	8031			✓	✓	
BES22-138	4.0			4.90	31	6541			✓	✓	
BES22-139	4.0			4.50	31.6	5937			✓	✓	
BES22-140	4.0			3.44	33.7	4316			✓	✓	
TP22-01	4.0			1.99	32	2297			✓	✓	
TP22-02	4.0			2.89	31.4	3622			✓	✓	
WES22-08	4.0		92				582		✓	✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	6/10/2022
Site Location Name:	Gates AAC #2	Report Run Date:	6/10/2022 10:51 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site 6/10/2022 8:00 AM

Departed Site 6/10/2022 2:00 PM

Field Notes

8:56 Began sampling at 8:45 after running the line finder on planned sample area

10:26 Recollecting samples BS22-63 and 65

14:25 WWS putting the fence back up

Next Steps & Recommendations

- 1 Recollect BS22-44 through 47 at 6'
- 2 Collect base and wall samples of 8' excavation and 16' excavation
- 3 Recollect WS22-10 now that wall has been stepped out
- 4 Excavate where necessary

Daily Site Visit Report



Site Photos

Viewing Direction: Northeast



Excavation

Viewing Direction: Southeast



Completed ramp for truck access to site

Viewing Direction: East



Moving WS22-10 1' east for sampling Monday

Viewing Direction: Northwest



Started cleaning up the north wall of the deep pit for sampling Monday



Daily Site Visit Report

Viewing Direction: North



Ran out of space on the liner so further excavation will have to wait until after we can get some trucks in

Viewing Direction: Southeast



Dust coming from a different site, not caused by our excavation

Viewing Direction: East



End of day

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:


Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 6/10/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-141	4.0		53	4.79	32	6338			✓	✓	
BES22-142	4.0		41	3.72	29.5	4902			✓	✓	
BES22-143	4.0		78	3.11	29.1	4039			✓	✓	
BES22-144	4.0		76	4.59	27.6	6240			✓	✓	
BES22-145	4.0		60	3.97	28.6	5302			✓	✓	
BES22-146	4.0		83	3.33	28.8	4370			✓	✓	
BES22-147	4.0		61	4.97	28.4	6754			✓	✓	
BES22-148	4.0		57	3.70	28.5	4917			✓	✓	
BES22-149	4.0		31	3.78	28.8	5019			✓	✓	
BES22-150	4.0		84	2.72	28.6	3498			✓	✓	
BES22-63	6.0		116	2.58	28.5	3300			✓	✓	
BES22-65	6.0		86	4.30	28.8	5770			✓	✓	
WES22-01	4.0		38				508		✓	✓	
WES22-09	6.0		35	5.47	28.7	7463			✓	✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	6/13/2022
Site Location Name:	Gates AAC #2	Report Run Date:	6/13/2022 10:39 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	6/13/2022 8:00 AM
Departed Site	6/13/2022 3:45 PM

Field Notes

- 9:22** Sent 5 truckloads out first thing
- 9:49** Ran line finder and held safety meeting before collecting samples
- 12:38** Sent the second round of trucks around noon
- 14:13** Loading the third round of trucks
- 15:44** Fencing replaced

Next Steps & Recommendations

- 1 Continue excavation and confirmation sampling

Daily Site Visit Report



Site Photos

Viewing Direction: Northwest



Excavation with trucks queued up

Viewing Direction: Northeast



Excavation

Viewing Direction: Northeast



Bench with BS22-151 through 161

Viewing Direction: Northwest



Wall between BS22-158 and BS22-168 too loose to get a good wall. Will screen this slope.



Daily Site Visit Report

Viewing Direction: Southeast



16' excavation cleaned up, still hot on base.

Viewing Direction: Northeast



6' excavation also still hot, will go down to 7'

Viewing Direction: Southeast



4' excavation BS22-162 through 170

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:


Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 6/13/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-151	8.0	0		8.65	33	11866			✓	✓	
BES22-152	8.0	0	0	7.75	33.5	10546				✓	
BES22-153	8.0	0		7.55	33.5	10257				✓	
BES22-154	8.0	0		9.10	33.8	12481				✓	
BES22-155	8.0	0	169	7.22	34	9759		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-156	8.0	0		8.81	34.3	12041			✓	✓	
BES22-157	8.0	0	145	4.21	34.7	5384		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-158	8.0	0	186	6.19	36.4	8169		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-159	8.0	0	202	2.27	33.6	2632		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-160	8.0	0	124	3.48	32.6	4422		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-161	8.0	0	126	1.86	34.8	1988		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-162	4.0	0	61	7.05	37.7	9353		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	

Daily Soil Sampling



BES22-163	4.0	0	105	3.45	37.1	4184	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-164	4.0	0	101	3.15	37.9	3716	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-165	4.0	0	136	4.61	37.5	5841	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-166	4.0	0	81	4.93	48.3	5835	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-167	4.0	0	85	4.81	48	5675	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-168	4.0	0	101	5.79	47.8	7098	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-169	4.0	0	94	5.93	46.8	7343	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-170	4.0	0	90	4.79	43.8	5828	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-171	8.0	0	72	4.10	43.1	4862	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-172	8.0	0	77	3.01	42.8	3302	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-173	8.0	0	125	6.81	44.2	8726	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-174	16.0	0		16.97	47.9	23229			✓	
BES22-175	16.0	0		12.11	47	16254			✓	
BES22-176	16.0	0		19.93	46.5	27562			✓	
BES22-177	16.0	0		11.33	46.6	15145			✓	

Daily Soil Sampling



BES22-178	16.0	0		10.59	46.7	14073				✓	
BES22-179	16.0	0		20.00	46.4	27668				✓	
BES22-180	16.0	5		8.77	45.8	11485				✓	
WES22-11								BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-11	4.0	0	74	1.76	46.9	1320		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	6/14/2022
Site Location Name:	Gates AAC #2	Report Run Date:	6/14/2022 10:20 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	6/14/2022 7:00 AM
Departed Site	6/14/2022 3:45 PM

Field Notes

- 8:38** Ran locator, had safety meeting, began sampling base of 18'
- 8:38** Loaded four trucks, water truck sprayed pad
- 9:41** Finishing 18' excavation
- 11:31** Loading another round of trucks
- 14:00** Loading last round of trucks, 12 loads total

Next Steps & Recommendations

- 1 Continue excavation and confirmation sampling

Daily Site Visit Report



Site Photos

Viewing Direction: East



Excavation

Viewing Direction: Northeast



Taking 44-47 down to 8'

Viewing Direction: South



20' excavation

Viewing Direction: Northwest



8' excavation, to be excavated to 10'



Daily Site Visit Report

<p>Viewing Direction: Northeast</p>  <p>Descriptive Photo - 5 Viewing Direction: Northeast Desc: Pile Created: 6/14/2022 2:58:45 PM Lat:32.736285, Long:-104.374744</p> <p>Pile</p>	<p>Viewing Direction: Southwest</p>  <p>Descriptive Photo - 6 Viewing Direction: Southwest Desc: Excavating part of the 8' As down to 1 Created: 6/14/2022 2:59:21 PM Lat:32.736161, Long:-104.374806</p> <p>Excavating part of the 8' down to 10'</p>
<p>Viewing Direction: Southeast</p>  <p>Descriptive Photo - 7 Viewing Direction: Southeast Desc: Wet pad Created: 6/14/2022 3:28:38 PM Lat:32.736193, Long:-104.376284</p> <p>Wet pad</p>	<p>Viewing Direction: Southeast</p>  <p>Descriptive Photo - 8 Viewing Direction: Southeast Desc: Excavation Created: 6/14/2022 3:28:28 PM Lat:32.736466, Long:-104.374861</p> <p>Excavation</p>

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:


Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 6/14/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-174	18.0	0		8.41	30.1	11645				✓	
BES22-175	18.0	0	146	5.25	29.4	7115				✓	
BES22-176	18.0	0		8.79	29.6	12216				✓	
BES22-177	18.0	0	123	7.21	29.3	9948				✓	
BES22-178	18.0	0	144	5.91	29.6	8059				✓	
BES22-179										✓	
BES22-179	18.0	0	151	5.25	29.3	7119				✓	
BES22-180	18.0	456	360	3.73	29.5	4917				✓	
BES22-181	18.0	322		2.75	29.3	3511				✓	
BES22-183	18.0	0		7.12	46.5	9073				✓	
BES22-183	18.0	0		3.45	35.7	4244				✓	
BES22-184	18.0	0		12.25	35.3	16963				✓	
BES22-185	18.0	0		4.14	34.6	5288				✓	
BES22-186	8.0			11.57	31.4	16150				✓	
BES22-44	8.0			9.12	42.9	12116				✓	
BES22-45	8.0			7.91	42.5	10387				✓	
BES22-46	8.0	0		12.69	41.4	17334				✓	
BES22-47	8.0			12.74	42	17380				✓	
WES22-10	10.0	0	49	3.87	28	5184		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-12	20.0	0	78	4.19	30.7	5529		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-13	20.0	0	92	5.83	30.6	7900		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	

Daily Soil Sampling



WES22-14	20.0	0	106	4.68	29	6310	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-15	20.0	0	117	2.90	34.7	3494	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-17	20.0	0	64	1.07	31.2	1004	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-18	8.0	0	78	4.00	37.5	4960	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-19	20.0	0	49	2.99	30.9	3788	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-20	8.0	0	41	3.12	29.8	4023	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-21	20.0	0	79	1.47	35.6	1391	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-22	20.0	0	74	2.95	36.7	3479	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-23	8.0	0	45	4.15	37.9	5159	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	6/15/2022
Site Location Name:	Gates AAC #2	Report Run Date:	6/15/2022 10:48 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site 6/15/2022 6:45 AM

Departed Site 6/15/2022 3:30 PM

Field Notes

8:12 Ran line locator, held safety meeting, warming up equipment to start loading first 5 trucks

11:35 Second round of trucks arriving

14:28 Loading third round of trucks

Next Steps & Recommendations

1 Continue excavation and confirmation sampling

Daily Site Visit Report



Site Photos

Viewing Direction: Southeast



Excavation

Viewing Direction: East



10' excavation completed

Viewing Direction: Northwest



Excavation

Viewing Direction: Southeast



Finishing up the 10'



Daily Site Visit Report

Viewing Direction: Northeast



Excavation

Viewing Direction: East



New 10' section to be resampled

Viewing Direction: Northeast



8' to be excavated to 10' then resampled

Viewing Direction: Southeast



Need to collect a wall sample from this wall



Daily Site Visit Report

Viewing Direction: East



Need to sample all walls here

Viewing Direction: South



Water truck

Viewing Direction: East



Down to 10'

Viewing Direction: Southeast



Water truck making another pass

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

A handwritten signature in black ink, appearing to read 'Sally Carttar', written over a thin horizontal line. Below the line, the word 'Signature' is printed in a small font.

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 6/15/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-151	10.0	0	90	3.19	37.1	3808		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-152	10.0	0	95	1.00	38.7	578		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-153	10.0	0	60	0.46	37	0		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-154	10.0	0	85	1.25	37.5	991		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-156	10.0	0	50	0.97	37.6	583		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-174	20.0	0	104	4.49	31.5	5927		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-175	20.0	0	74	5.45	30.7	7347		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-176	20.0	0	38	6.62	32	8980		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-177	20.0	0	55	4.24	30.2	5623		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	

Daily Soil Sampling



BES22-178	20.0	0	44	7.17	31.8	9782		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-179	20.0	0	47	6.53	31.4	8876		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-180	20.0	1	49	3.87	29.7	5110		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-182	20.0	0	69	3.15	30.1	4054		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-182	20.0	0	56	4.91	29.5	6620		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-183	20.0	0	54	4.42	31.8	5813		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-184	20.0	0	105	4.28	32.1	5598		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-185	20.0	0	39	3.33	31.4	4257		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
BES22-44	10.0	0	162	6.30	42.6	8059		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-16	10.0	0	60	6.90	29.9	9475	6260	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-24	10.0	0	33	7.58	29.6	10469	7273	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-25	10.0	0	71	3.04	32.1	3808		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	

Daily Soil Sampling



WES22-26	8.0	0	53	2.62	30.8	3258		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-27	8.0	0	35	4.77	29.8	6405		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-28	10.0	0	58	1.34	37.5	1121		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	
WES22-29	10.0	0	83	2.30	38	2485		BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	6/16/2022
Site Location Name:	Gates AAC #2	Report Run Date:	6/16/2022 6:56 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	6/16/2022 8:00 AM
Departed Site	6/16/2022 1:00 PM

Field Notes

8:38 Completed safety meeting, ran magnetic locator, and loaded 7 trucks

9:42 Spraying the pad, excavation, and pile

11:07 Loading second round of trucks

11:17 Edit: loaded 8 trucks this morning, expecting all 8 to make three rounds each

11:18 All samples came back below criteria

12:04 Collected WS22-09 6-10'

Next Steps & Recommendations

- 1 Continue loading trucks
- 2 Backfill, pending closure approval

Daily Site Visit Report



Site Photos

Viewing Direction: North



Excavation

Viewing Direction: Northeast



Sampling 10' excavation: BS22-45 through 47

Viewing Direction: Northeast



Excavation

Viewing Direction: Southeast



Excavation



Daily Site Visit Report

<p>Viewing Direction: East</p> <p>Descriptive Photo - 5 Viewing Direction: East Desc: Excavation Created: 8/16/2022 12:41:31 PM Lat:32.735301, Long:-104.374861</p>	<p>Viewing Direction: North</p> <p>Descriptive Photo - 6 Viewing Direction: North Desc: Excavation Created: 8/16/2022 12:41:55 PM Lat:32.735270, Long:-104.374861</p>
Excavation	Excavation
<p>Viewing Direction: South</p> <p>Descriptive Photo - 7 Viewing Direction: South Desc: Excavation Created: 8/16/2022 12:42:18 PM Lat:32.735306, Long:-104.374867</p>	<p>Viewing Direction: East</p> <p>Descriptive Photo - 8 Viewing Direction: East Desc: Excavation Created: 8/16/2022 12:42:55 PM Lat:32.735100, Long:-104.374829</p>
Excavation	Excavation with water truck

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

A handwritten signature in black ink, appearing to be 'Sally Carttar', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.



Daily Soil Sampling

Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 6/16/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-186	10.0	0	114	6.59	27.3	9140			✓	✓	
BES22-45	10.0	0	124	3.70	26	5025			✓	✓	
BES22-46	10.0	0	115	3.03	27.1	4010			✓	✓	
BES22-47	10.0	0	91	5.63	26.5	7789			✓	✓	
WES22-09	10.0	0	73	1.60	32.5	1713			✓	✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	6/17/2022
Site Location Name:	Gates AAC #2	Report Run Date:	6/17/2022 8:03 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	6/17/2022 11:00 AM
Departed Site	6/17/2022 12:00 PM

Field Notes

11:13 Completed safety paperwork, ran locator for the couple spots I'll be sampling

11:55 Samples collected and below levels for chlorides

Next Steps & Recommendations

1 Await lab results

Daily Site Visit Report



Site Photos

Viewing Direction: Northeast



Excavation

Viewing Direction: South



WS22-07

Viewing Direction: West



BS22-62 and 64

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:


Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 6/17/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-62	6.0	0	40	1.03	30.5	977			✓	✓	
BES22-64	6.0	0	49	4.85	30.7	6481			✓	✓	
WES22-07	4.0	0	23	0.37	32.4	0			✓	✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	7/18/2022
Site Location Name:	Gates AAC #2	Report Run Date:	7/20/2022 5:14 PM
Client Contact Name:	Chase Settle	API #:	
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	7/18/2022 12:15 PM
Departed Site	7/18/2022 1:45 PM

Field Notes

12:32 Arrived on site to collect BES22-47, BES22-128, BES22-133, and BES22-186 for confirmation.

13:30 BES22-47 was over criteria for chlorides. All others are under criteria on all field screening. Each sample will be sent to lab for analysis.

Next Steps & Recommendations

1 Send samples to lab for analysis

Daily Site Visit Report



Site Photos

Viewing Direction: Northwest



Sample area for BES22-47 and BES22-186

Viewing Direction: West



Sample area for BES22-110

Viewing Direction: West



Sample area for BES22-128

Viewing Direction: East



Sample area for BES22-133

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Chance Dixon

Signature: 
Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Gates AAC #2

Date: (SD: 7/20/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-110	4.0		140				1440	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-128	4.0		179				610	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-133	4.0		43				397	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-186	10.0		73				8554	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-47	10.0		90				13326	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

ATTACHMENT 3

Client Name: EOG Resources, Inc.

Site Name: Gates AAC Battery

NMOCD Tracking #: nAPP2127258746

Project #: 22E-00124-02

Lab Reports: E206048, E206052, E206055, E206056, E206057, E206081, E206082, E206083, E206084, E206086, E206087, E206105, E206132, E206147, E206172, E206057, E207124

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Volatile		Extractable					
						Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
WS22-01	0-4	06/10/22	0	38	508	ND	ND	ND	ND	ND	ND	ND	482
WS22-02	0-4	05/31/22	0	38	513	ND	ND	ND	ND	ND	ND	ND	308
WS22-03	0-4	05/31/22	0	46	345	ND	ND	ND	ND	ND	ND	ND	179
WS22-04	0-4	05/31/22	0	29	295	ND	ND	ND	ND	ND	ND	ND	139
WS22-05	0-4	05/31/22	0	28	248	ND	ND	ND	ND	ND	ND	ND	74.7
WS22-06	0-4	06/01/22	0	34	247	ND	ND	ND	ND	ND	ND	ND	185
WS22-07	0-4	06/17/22	0	23	0	ND	ND	ND	ND	ND	ND	ND	64.5
WS22-08	0-4	06/09/22	-	-	582	ND	ND	ND	ND	ND	ND	ND	445
WS22-09	4-6	06/10/22	-	35	7,463	ND	ND	ND	ND	ND	ND	ND	4580
WS22-09	6-10	06/16/22	0	73	1,713	ND	ND	ND	ND	ND	ND	ND	2470
WS22-10	4-10	06/14/22	0	49	5,184	ND	ND	ND	ND	ND	ND	ND	870
WS22-11	0-4	06/13/22	0	74	1,320	ND	ND	ND	ND	ND	ND	ND	239
WS22-12	8-20	06/14/22	0	78	5,529	ND	ND	ND	ND	ND	ND	ND	2790
WS22-13	8-20	06/14/22	0	92	7,900	ND	ND	ND	ND	ND	ND	ND	6090
WS22-14	6-20	06/14/22	0	106	6,309	ND	ND	ND	ND	ND	ND	ND	5120
WS22-15	10-20	06/14/22	0	117	3,494	ND	ND	ND	ND	ND	ND	ND	3930
WS22-16	0-10	06/15/22	0	60	6,260	ND	ND	ND	ND	ND	ND	ND	8250
WS22-17	6-20	06/14/22	0	64	1,004	ND	ND	ND	ND	ND	ND	ND	202
WS22-18	4-8	06/14/22	0	78	4,960	ND	ND	ND	ND	ND	ND	ND	1420
WS22-19	8-20	06/14/22	0	49	3,788	ND	ND	ND	ND	ND	ND	ND	453
WS22-20	0-8	06/14/22	0	41	6,023	ND	ND	ND	ND	ND	ND	ND	346
WS22-21	8-20	06/14/22	0	79	1,391	ND	ND	ND	ND	ND	ND	ND	705
WS22-22	8-20	06/14/22	0	74	3,479	ND	ND	ND	ND	ND	ND	ND	1000
WS22-23	0-8	06/14/22	0	45	5,159	ND	ND	ND	ND	ND	ND	ND	861
WS22-24	0-10	06/15/22	0	33	7,273	ND	ND	ND	ND	ND	ND	ND	6160
WS22-25	6-10	06/15/22	0	71	3,808	ND	ND	ND	ND	ND	ND	ND	1310
WS22-26	4-8	06/15/22	0	53	3,258	ND	ND	ND	ND	ND	ND	ND	1210
WS22-27	4-8	06/15/22	0	35	6,405	ND	ND	ND	ND	ND	ND	ND	1650
WS22-28	8-10	06/15/22	0	58	1,121	ND	ND	ND	ND	ND	ND	ND	614
WS22-29	8-10	06/15/22	0	83	2,485	ND	ND	ND	ND	ND	ND	ND	1070
BS22-01	4	06/01/22	0	33	1,317	ND	ND	ND	ND	ND	ND	ND	1190
BS22-02	4	06/01/22	0	26	2,055	ND	ND	ND	ND	ND	ND	ND	2830
BS22-03	4	06/01/22	0	37	2,175	ND	ND	ND	ND	ND	ND	ND	1020
BS22-04	4	06/01/22	0	47	852	ND	ND	ND	ND	ND	ND	ND	760
BS22-05	4	06/01/22	0	36	2,717	ND	ND	ND	ND	ND	ND	ND	1920
BS22-06	4	06/01/22	0	33	860	ND	ND	ND	ND	ND	ND	ND	1240
BS22-07	4	06/01/22	0	38	1,562	ND	ND	ND	ND	ND	ND	ND	1190
BS22-08	4	06/01/22	0	40	1,855	ND	ND	ND	ND	ND	ND	ND	1650
BS22-09	4	06/01/22	0	81	1,355	ND	ND	ND	ND	ND	ND	ND	2940
BS22-10	4	06/01/22	0	73	2,342	ND	ND	ND	ND	ND	ND	ND	2130
BS22-11	4	06/01/22	0	40	1,610	ND	ND	ND	ND	ND	ND	ND	1180
BS22-12	4	06/01/22	0	41	2,687	ND	ND	ND	ND	ND	ND	ND	2200
BS22-13	4	06/01/22	0	42	2,022	ND	ND	ND	ND	ND	ND	ND	1760
BS22-14	4	06/01/22	0	37	1,932	ND	ND	ND	ND	ND	ND	ND	2010
BS22-15	4	06/01/22	0	32	2,480	ND	ND	ND	ND	ND	ND	ND	1480
BS22-16	4	06/01/22	0	58	1,367	ND	ND	ND	ND	ND	ND	ND	645
BS22-17	4	06/02/22	0	32	456	ND	ND	ND	ND	ND	ND	ND	519
BS22-18	4	06/02/22	0	142	1,513	ND	ND	ND	32.4	ND	32.4	32.4	641

Client Name: EOG Resources, Inc.

Site Name: Gates AAC Battery

NMOCD Tracking #: nAPP2127258746

Project #: 22E-00124-02

Lab Reports: E206048, E206052, E206055, E206056, E206057, E206081, E206082, E206083, E206084, E206086, E206087, E206105, E206132, E206147, E206172, E206057, E207124

Table 2. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater 51-100 feet bgs													
Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Volatile		Extractable					
						Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
BS22-19	4	06/02/22	0	30	1,835	ND	ND	ND	ND	ND	ND	ND	777
BS22-20	4	06/02/22	0	52	1,590	ND	ND	ND	ND	ND	ND	ND	1000
BS22-21	4	06/02/22	0	38	3,703	ND	ND	ND	ND	ND	ND	ND	1620
BS22-22	4	06/02/22	0	32	1,641	ND	ND	ND	ND	ND	ND	ND	2030
BS22-23	4	06/02/22	0	69	1,003	ND	ND	ND	ND	ND	ND	ND	3240
BS22-24	4	06/02/22	0	34	4,485	ND	ND	ND	ND	ND	ND	ND	1750
BS22-25	4	06/02/22	0	23	4,521	ND	ND	ND	ND	ND	ND	ND	1980
BS22-26	4	06/02/22	0	20	1,867	ND	ND	ND	ND	ND	ND	ND	2360
BS22-27	4	06/02/22	0	45	4,985	ND	ND	ND	ND	ND	ND	ND	1290
BS22-28	4	06/02/22	0	40	4,822	ND	ND	ND	ND	ND	ND	ND	1700
BS22-29	4	06/02/22	0	87	4,803	ND	ND	ND	ND	ND	ND	ND	583
BS22-30	4	06/02/22	0	83	2,498	ND	ND	ND	ND	ND	ND	ND	682
BS22-31	4	06/02/22	0	66	3,616	ND	ND	ND	ND	ND	ND	ND	1880
BS22-32	4	06/02/22	0	76	2,084	ND	ND	ND	ND	ND	ND	ND	1410
BS22-33	4	06/02/22	0	165	1,908	ND	ND	ND	75.7	ND	75.7	75.7	1060
BS22-34	4	06/02/22	0	66	1,151	ND	ND	ND	30.9	ND	30.9	30.9	960
BS22-35	4	06/02/22	0	52	943	ND	ND	ND	ND	ND	ND	ND	1020
BS22-36	4	06/02/22	0	150	3,041	ND	ND	ND	43.2	ND	43.2	43.2	966
BS22-37	4	06/02/22	0	90	3,202	ND	ND	ND	ND	ND	ND	ND	1970
BS22-38	4	06/02/22	0	121	3,084	ND	ND	ND	ND	ND	ND	ND	1270
BS22-39	4	06/02/22	0	71	5,211	ND	ND	ND	ND	ND	ND	ND	1510
BS22-40	4	06/02/22	0	56	5,256	ND	ND	ND	ND	ND	ND	ND	2150
BS22-41	4	06/02/22	0	44	6,336	ND	ND	ND	ND	ND	ND	ND	2120
BS22-42	4	06/02/22	0	39	5,350	ND	ND	ND	ND	ND	ND	ND	3460
BS22-43	4	06/02/22	0	39	5,350	ND	ND	ND	ND	ND	ND	ND	1270
BS22-44	10	06/15/22	0	162	8,059	ND	ND	ND	ND	ND	ND	ND	8960
BS22-45	10	06/16/22	0	124	5,025	ND	ND	ND	ND	ND	ND	ND	2690
BS22-46	10	06/16/22	0	115	4,010	ND	ND	ND	ND	ND	ND	ND	3480
BS22-47	10	06/16/22	0	91	7,789	ND	ND	ND	ND	ND	ND	ND	12100
BS22-47	10	07/15/22	-	90	13,326	ND	ND	ND	298	ND	298	298	ND
BS22-48	4	06/03/22	0	90	3,446	ND	ND	ND	ND	ND	ND	ND	3200
BS22-49	4	06/03/22	0	93	3,951	ND	ND	ND	ND	ND	ND	ND	1780
BS22-50	4	06/03/22	0	133	2,667	ND	ND	ND	25.7	ND	25.7	25.7	1580
BS22-51	4	06/03/22	0	121	4,736	ND	ND	ND	28.6	ND	28.6	28.6	3140
BS22-52	4	06/03/22	0	201	2,114	ND	ND	ND	ND	ND	ND	ND	2070
BS22-53	4	06/03/22	0	60	1,550	ND	ND	ND	ND	ND	ND	ND	1140
BS22-54	4	06/03/22	0	40	1,405	ND	ND	ND	ND	ND	ND	ND	947
BS22-55	4	06/03/22	0	49	2,724	ND	ND	ND	ND	ND	ND	ND	1650
BS22-56	4	06/03/22	0	63	2,349	ND	ND	ND	27.6	ND	27.6	27.6	700
BS22-57	4	06/03/22	0	55	2,177	ND	ND	ND	ND	ND	ND	ND	1430
BS22-58	4	06/03/22	0	175	4,989	ND	ND	ND	ND	ND	ND	ND	3660
BS22-59	4	06/03/22	0	155	3,810	ND	ND	ND	ND	ND	ND	ND	1480
BS22-60	4	06/03/22	0	98	3,665	ND	ND	ND	ND	ND	ND	ND	2150
BS22-61	4	06/03/22	0	93	7,522	ND	ND	ND	ND	ND	ND	ND	7060
BS22-62	6	06/17/22	0	40	977	ND	ND	ND	ND	ND	ND	ND	542
BS22-63	6	06/10/22	-	116	3,300	ND	ND	ND	ND	ND	ND	ND	2610
BS22-64	4	06/06/22	0	49	6,481	ND	ND	ND	ND	ND	ND	ND	6040
BS22-64	6	06/17/22	-	-	-	ND	ND	ND	ND	ND	ND	ND	4000

Client Name: EOG Resources, Inc.

Site Name: Gates AAC Battery

NMOCD Tracking #: nAPP2127258746

Project #: 22E-00124-02

Lab Reports: E206048, E206052, E206055, E206056, E206057, E206081, E206082, E206083, E206084, E206086, E206087, E206105, E206132, E206147, E206172, E206057, E207124

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Volatile		Extractable					
						Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BS22-65	6	06/10/22	-	86	5,770	ND	ND	ND	ND	ND	ND	ND	6520
BS22-66	4	06/06/22	0	225	6,327	ND	ND	ND	40.9	ND	40.9	40.9	3710
BS22-67	4	06/06/22	0	172	4,807	ND	ND	ND	68.7	ND	68.7	68.7	1740
BS22-68	4	06/06/22	0	64	4,627	ND	ND	ND	ND	ND	ND	ND	1080
BS22-69	4	06/06/22	0	66	4,425	ND	ND	ND	ND	ND	ND	ND	2150
BS22-70	4	06/06/22	0	92	3,912	ND	ND	ND	ND	ND	ND	ND	1410
BS22-71	4	06/06/22	0	74	3,879	ND	ND	ND	ND	ND	ND	ND	1090
BS22-72	4	06/06/22	0	95	3,155	ND	ND	ND	ND	ND	ND	ND	618
BS22-73	4	06/06/22	0	81	1,046	ND	ND	ND	ND	ND	ND	ND	418
BS22-74	4	06/06/22	0	49	1,163	ND	ND	ND	ND	ND	ND	ND	31.7
BS22-75	4	06/06/22	0	105	353	ND	ND	ND	ND	ND	ND	ND	227
BS22-76	4	06/06/22	0	92	167	ND	ND	ND	ND	ND	ND	ND	169
BS22-77	4	06/06/22	0	106	0	ND	ND	ND	ND	ND	ND	ND	113
BS22-78	4	06/06/22	0	69	991	ND	ND	ND	ND	ND	ND	ND	ND
BS22-79	4	06/06/22	0	56	2,009	ND	ND	ND	ND	ND	ND	ND	ND
BS22-80	4	06/07/22	0	217	2,079	ND	ND	ND	ND	ND	ND	ND	298
BS22-81	4	06/07/22	0	-	2,922	ND	ND	ND	ND	ND	ND	ND	551
BS22-82	4	06/07/22	0	118	4,501	ND	ND	ND	ND	ND	ND	ND	990
BS22-83	4	06/07/22	0	-	5,234	ND	ND	ND	ND	ND	ND	ND	2200
BS22-84	4	06/07/22	0	188	6,513	ND	ND	ND	ND	ND	ND	ND	2700
BS22-85	4	06/07/22	0	-	4,895	ND	ND	ND	ND	ND	ND	ND	1620
BS22-86	4	06/07/22	0	453	5,103	ND	ND	ND	ND	ND	ND	ND	2150
BS22-87	4	06/07/22	0	301	5,825	ND	ND	ND	ND	ND	ND	ND	1630
BS22-88	4	06/07/22	0	204	4,739	ND	ND	ND	ND	ND	ND	ND	1030
BS22-89	4	06/07/22	0	309	4,612	ND	ND	ND	ND	ND	ND	ND	729
BS22-90	4	06/07/22	0	276	4,648	ND	ND	ND	ND	ND	ND	ND	955
BS22-91	4	06/07/22	0	-	6,979	ND	ND	ND	ND	ND	ND	ND	777
BS22-92	4	06/07/22	0	376	4,697	ND	ND	ND	ND	ND	ND	ND	1110
BS22-93	4	06/07/22	0	-	4,390	ND	ND	ND	ND	ND	ND	ND	1100
BS22-94	4	06/07/22	0	300	1,410	ND	ND	ND	32.1	ND	32.1	32.1	517
BS22-95	4	06/08/22	0	-	1,317	ND	ND	ND	ND	ND	ND	ND	359
BS22-96	4	06/08/22	0	-	3,218	ND	ND	ND	ND	ND	ND	ND	233
BS22-97	4	06/08/22	0	-	2,991	ND	ND	ND	ND	ND	ND	ND	ND
BS22-98	4	06/08/22	0	34	640	ND	ND	ND	ND	ND	ND	ND	184
BS22-99	4	06/08/22	0	-	2,081	ND	ND	ND	ND	ND	ND	ND	349
BS22-100	4	06/08/22	0	-	3,665	ND	ND	ND	ND	ND	ND	ND	742
BS22-101	4	06/08/22	0	-	5,947	ND	ND	ND	ND	ND	ND	ND	2560
BS22-102	4	06/08/22	0	-	3,085	ND	ND	ND	36.5	ND	36.5	36.5	1460
BS22-103	4	06/08/22	0	91	3,274	ND	ND	ND	ND	ND	ND	ND	1210
BS22-104	4	06/08/22	0	-	4,031	ND	ND	ND	41.4	ND	41.4	41.4	882
BS22-105	4	06/08/22	0	-	3,997	ND	ND	ND	27.3	ND	27.3	27.3	816
BS22-106	4	06/08/22	0	-	3,515	ND	ND	ND	ND	ND	ND	ND	749
BS22-107	4	06/08/22	0	95	3,157	ND	ND	ND	29	ND	29	29	1150
BS22-108	4	06/08/22	0	61	4,286	ND	ND	ND	28.1	ND	28.1	28.1	1350
BS22-109	4	06/08/22	1	132	5,058	ND	ND	ND	193	ND	193	193	1980
BS22-110	4	06/08/22	0	-	4,409	ND	ND	ND	1260	ND	1260	1260	1460
BS22-110	4	07/15/22	-	140	1,440	ND	ND	ND	75.6	67.4	75.6	143	ND
BS22-111	4	06/08/22	0	-	4,435	ND	ND	ND	ND	ND	ND	ND	964

Client Name: EOG Resources, Inc.

Site Name: Gates AAC Battery

NMOCD Tracking #: nAPP2127258746

Project #: 22E-00124-02

Lab Reports: E206048, E206052, E206055, E206056, E206057, E206081, E206082, E206083, E206084, E206086, E206087, E206105, E206132, E206147, E206172, E206057, E207124

Table 2. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater 51-100 feet bgs													
Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Volatile		Extractable					
						Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
BS22-112	4	06/08/22	0	-	4,602	ND	ND	ND	ND	ND	ND	ND	394
BS22-113	4	06/08/22	0	-	1,348	ND	ND	ND	ND	ND	ND	ND	331
BS22-114	4	06/08/22	0	114	2,001	ND	ND	ND	32.1	ND	32.1	32.1	984
BS22-115	4	06/08/22	0	-	1,799	ND	ND	ND	ND	ND	ND	ND	389
BS22-116	4	06/08/22	0	-	1,082	ND	ND	ND	ND	ND	ND	ND	654
BS22-117	4	06/08/22	0	-	1,551	ND	ND	ND	ND	ND	ND	ND	655
BS22-118	4	06/08/22	0	-	1,537	ND	ND	ND	ND	ND	ND	ND	1870
BS22-119	4	06/09/22	-	-	1,714	ND	ND	ND	ND	ND	ND	ND	1200
BS22-120	4	06/09/22	-	-	3,677	ND	ND	ND	482	ND	482	482	764
BS22-121	4	06/09/22	-	-	4,423	ND	ND	ND	716	ND	716	716	1170
BS22-122	4	06/09/22	-	-	4,260	ND	ND	ND	201	ND	201	201	1620
BS22-123	4	06/09/22	-	-	3,124	ND	ND	ND	ND	ND	ND	ND	1510
BS22-124	4	06/09/22	-	-	6,237	ND	ND	ND	ND	ND	ND	ND	3680
BS22-125	4	06/09/22	-	-	6,992	ND	ND	ND	507	ND	507	507	2870
BS22-126	4	06/09/22	-	-	5,851	ND	ND	ND	369	ND	369	369	2120
BS22-127	4	06/09/22	-	-	4,247	ND	ND	ND	250	ND	250	250	607
BS22-128	4	06/09/22	-	-	7,290	ND	ND	ND	1320	ND	1320	1320	590
BS22-128	4	07/15/22	-	179	610	ND	ND	ND	273	ND	273	273	ND
BS22-129	4	06/09/22	-	-	662	ND	ND	ND	ND	ND	ND	ND	366
BS22-130	4	06/09/22	-	-	512	ND	ND	ND	ND	ND	ND	ND	181
BS22-131	4	06/09/22	-	-	199	ND	ND	ND	ND	ND	ND	ND	309
BS22-132	4	06/09/22	-	-	154	ND	ND	ND	ND	ND	ND	ND	188
BS22-133	4	06/09/22	-	-	1,277	ND	ND	ND	4310	73.8	4310	4383.8	334
BS22-133	4	07/15/22	-	43	397	ND	ND	ND	ND	ND	ND	ND	6930
BS22-134	4	06/09/22	-	-	1,980	ND	ND	ND	844	ND	844	844	602
BS22-135	4	06/09/22	-	-	5,018	ND	ND	ND	48	ND	48	ND	1950
BS22-136	4	06/09/22	-	-	6,265	ND	ND	ND	ND	ND	ND	ND	2480
BS22-137	4	06/09/22	-	-	8,031	ND	ND	ND	ND	ND	ND	ND	2940
BS22-138	4	06/09/22	-	-	6,541	ND	ND	ND	ND	ND	ND	ND	3530
BS22-139	4	06/09/22	-	-	5,937	ND	ND	ND	ND	ND	ND	ND	1950
BS22-140	4	06/09/22	-	-	4,316	ND	ND	ND	ND	ND	ND	ND	1790
BS22-141	4	06/10/22	-	53	6,338	ND	ND	ND	ND	ND	ND	ND	1910
BS22-142	4	06/10/22	-	41	4,902	ND	ND	ND	ND	ND	ND	ND	1920
BS22-143	4	06/10/22	-	78	4,039	ND	ND	ND	ND	ND	ND	ND	1010
BS22-144	4	06/10/22	-	76	6,240	ND	ND	ND	ND	ND	ND	ND	2000
BS22-145	4	06/10/22	-	60	5,302	ND	ND	ND	ND	ND	ND	ND	2940
BS22-146	4	06/10/22	-	83	4,370	ND	ND	ND	ND	ND	ND	ND	869
BS22-147	4	06/10/22	-	61	6,754	ND	ND	ND	ND	ND	ND	ND	2780
BS22-148	4	06/10/22	-	57	4,917	ND	ND	ND	ND	ND	ND	ND	1110
BS22-149	4	06/10/22	-	31	5,019	ND	ND	ND	ND	ND	ND	ND	2600
BS22-150	4	06/10/22	-	84	3,498	ND	ND	ND	ND	ND	ND	ND	1970
BS22-151	10	06/15/22	0	90	3,808	ND	ND	ND	ND	ND	ND	ND	1860
BS22-152	10	06/15/22	0	95	578	ND	ND	ND	ND	ND	ND	ND	1490
BS22-153	10	06/15/22	0	60	0	ND	ND	ND	ND	ND	ND	ND	284
BS22-154	10	06/15/22	0	85	991	ND	ND	ND	ND	ND	ND	ND	944
BS22-155	8	06/13/22	0	50	9,759	ND	ND	ND	ND	ND	ND	ND	2860
BS22-156	10	06/15/22	0	104	583	ND	ND	ND	ND	ND	ND	ND	259
BS22-157	8	06/13/22	0	145	5,384	ND	ND	ND	ND	ND	ND	ND	1120

Client Name: EOG Resources, Inc.

Site Name: Gates AAC Battery

NMOCD Tracking #: nAPP2127258746

Project #: 22E-00124-02

Lab Reports: E206048, E206052, E206055, E206056, E206057, E206081, E206082, E206083, E206084, E206086, E206087, E206105, E206132, E206147, E206172, E206057, E207124

Table 2. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater 51-100 feet bgs													
Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Volatile		Extractable					
						Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
BS22-158	8	06/13/22	0	186	8,169	ND	ND	ND	42.6	57.1	42.6	99.7	2890
BS22-159	8	06/13/22	0	202	2,632	ND	ND	ND	ND	ND	ND	ND	1440
BS22-160	8	06/13/22	0	124	4,422	ND	ND	ND	ND	ND	ND	ND	2860
BS22-161	8	06/13/22	0	126	1,988	ND	ND	ND	ND	ND	ND	ND	1970
BS22-162	4	06/13/22	0	61	9,353	ND	ND	ND	ND	ND	ND	ND	2250
BS22-163	4	06/13/22	0	105	4,184	ND	ND	ND	ND	ND	ND	ND	874
BS22-164	4	06/13/22	0	101	3,716	ND	ND	ND	ND	ND	ND	ND	1170
BS22-165	4	06/13/22	0	136	5,841	ND	ND	ND	ND	ND	ND	ND	ND
BS22-166	4	06/13/22	0	81	5,835	ND	ND	ND	ND	ND	ND	ND	1370
BS22-167	4	06/13/22	0	85	5,675	ND	ND	ND	ND	ND	ND	ND	629
BS22-168	4	06/13/22	0	101	7,098	ND	ND	ND	ND	ND	ND	ND	494
BS22-169	4	06/13/22	0	94	7,343	ND	ND	ND	ND	ND	ND	ND	647
BS22-170	4	06/13/22	0	90	5,828	ND	ND	ND	ND	ND	ND	ND	ND
BS22-171	8	06/13/22	0	72	4,862	ND	ND	ND	ND	ND	ND	ND	1190
BS22-172	8	06/13/22	0	77	3,302	ND	ND	ND	ND	ND	ND	ND	755
BS22-173	8	06/13/22	0	125	8,726	ND	ND	ND	ND	ND	ND	ND	523
BS22-174	20	06/15/22	0	104	5,927	ND	ND	ND	ND	ND	ND	ND	2480
BS22-175	20	06/15/22	0	74	7,347	ND	ND	ND	ND	ND	ND	ND	1960
BS22-176	20	06/15/22	0	38	8,980	ND	ND	ND	ND	ND	ND	ND	2310
BS22-177	20	06/15/22	0	55	5,623	ND	ND	ND	ND	ND	ND	ND	1670
BS22-178	20	06/15/22	0	44	9,782	ND	ND	ND	ND	ND	ND	ND	1170
BS22-179	20	06/15/22	0	47	8,876	ND	ND	ND	ND	ND	ND	ND	1360
BS22-180	20	06/15/22	0	49	5,110	ND	ND	ND	ND	ND	ND	ND	1460
BS22-181	20	06/15/22	0	69	4,054	ND	ND	ND	ND	ND	ND	ND	1850
BS22-182	20	06/15/22	0	56	6,620	ND	ND	ND	ND	ND	ND	ND	1130
BS22-183	20	06/15/22	0	54	5,813	ND	ND	ND	ND	ND	ND	ND	1460
BS22-184	20	06/15/22	0	105	5,598	ND	ND	ND	53.2	ND	53.2	53.2	2110
BS22-185	20	06/15/22	0	39	4,257	ND	ND	ND	ND	ND	ND	ND	631
BS22-186	10	06/16/22	0	114	9,140	ND	ND	ND	ND	ND	ND	ND	12700
BS22-186	10	07/18/22	-	73	8,554	ND	ND	ND	ND	ND	ND	ND	6120
TP22-01	4	06/09/22	-	-	2,297	ND	ND	ND	ND	ND	ND	ND	878
TP22-02	4	06/09/22	-	-	3,622	ND	ND	ND	ND	ND	ND	ND	357

"ND" Not Detected at the Reporting Limit

"- " indicates not analyzed/assessed

Bold and grey shaded indicates exceedance outside of NMOCD Closure Criteria

Bold and green shaded indicates samples recollected and below Criteria

ATTACHMENT 4

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Monday, May 23, 2022 4:03 PM

To: Tina Huerta <Tina_Huerta@eogresources.com>

Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 104094

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.

To whom it may concern (c/o Tina Huerta for EOG RESOURCES INC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2127258746, with the following conditions:

- **Remediation Plan Approved with Conditions.** Please excavate 0-4 feet using <50 DTW criteria (600mg/kg chloride, 100mg/kg TPH, etc). Please excavate >4ft 51-100 ft DTW criteria (10,000mg/kg chloride, 2,500mg/kg TPH, etc). Composite confirmation samples will be collected from the bottom and sidewalls of the excavation from areas representing no more than four hundred (400) square feet.

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Jennifer Nobui
Environmental Specialist-Advanced
505-476-3441
Jennifer.Nobui@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Monica Peppin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, May 26, 2022 11:13 AM
To: Robert.Hamlet@state.nm.us; Bratcher, Mike, EMNRD; Jennifer.Nobui@state.nm.us; Harimon, Jocelyn, EMNRD
Cc: Artesia S&E Spill Remediation; Artesia Regulatory
Subject: Gates AAC 2 Sampling Notification

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Gates AAC 2
C-22-18S-26E; Eddy County, NM

Sampling will begin at 8:00 a.m. on Tuesday, May 31, 2022 and will be continuous through Saturday, June 4, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, June 2, 2022 8:58 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <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: [EXTERNAL] Gates AAC 2 (nAPP2127258746) 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.

Gates AAC 2
C-22-18S-26E; Eddy County, NM
nAPP2127258746

Sampling will begin at 8:00 a.m. on Monday, June 6, 2022 and continuous through Friday, June 10, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



Artesia Division

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, June 9, 2022 10:16 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <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: [EXTERNAL] Gates AAC 2 (nAPP2127258746) 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.

Gates AAC 2
C-22-18S-26E; Eddy County, NM
nAPP2127258746

Sampling will begin at 8:00 a.m. on Monday, June 13, 2022 and continue through Friday, June 17, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



Artesia Division

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, July 14, 2022 7:12 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <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: [EXTERNAL] Gates AAC 2 (nAPP2127258746) 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.

Gates AAC 2
D-22-18S-26E
Eddy County, NM
nAPP2127258746

Sampling will begin at 8:00 a.m. on Monday, July 18, 2022.

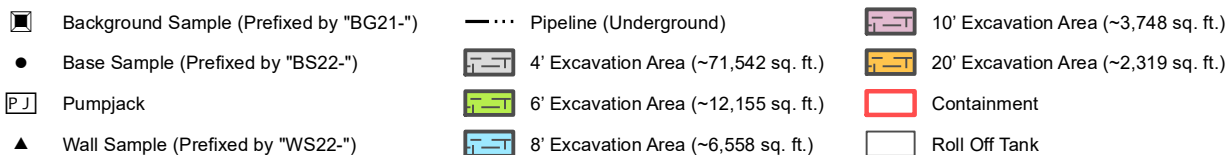
Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



Artesia Division

ATTACHMENT 5



Note: Background image from Esri, 2020. Feature locations from GPS. Vertex Professional Services., 2022.

VERSATILITY. EXPERTISE.

ATTACHMENT 6

Report to:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gates AAC

Work Order: E206048

Job Number: 19034-0001

Received: 6/8/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/14/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/14/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: Gates AAC
Workorder: E206048
Date Received: 6/8/2022 10:00:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/8/2022 10:00:00AM, under the Project Name: Gates AAC.

The analytical test results summarized in this report with the Project Name: Gates AAC 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 regarding 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
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@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 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 06/14/22 16:47
--	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS22 - 62 4'	E206048-01A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 64 4'	E206048-02A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 66 4'	E206048-03A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 67 4'	E206048-04A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 68 4'	E206048-05A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 69 4'	E206048-06A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 70 4'	E206048-07A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 71 4'	E206048-08A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 72 4'	E206048-09A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 73 4'	E206048-10A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 74 4'	E206048-11A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 75 4'	E206048-12A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 76 4'	E206048-13A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 77 4'	E206048-14A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 78 4'	E206048-15A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.
BS22 - 79 4'	E206048-16A	Soil	06/06/22	06/08/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/14/2022 4:47:21PM
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BS22 - 62 4'

E206048-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2224065	
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	91.8 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2224065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.6 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2224073	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/10/22	
<i>Surrogate: n-Nonane</i>	106 %	50-200		06/10/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2224070	
Chloride	5200	400	20	06/10/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 64 4'

E206048-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		87.2 %	70-130	06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.9 %	70-130	06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/11/22	
<i>Surrogate: n-Nonane</i>						
		115 %	50-200	06/10/22	06/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	6040	100	5	06/10/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 66 4'

E206048-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.0 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	40.9	25.0	1	06/10/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	145 %	50-200		06/10/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	3710	400	20	06/10/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 67 4'

E206048-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		86.3 %	70-130	06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.1 %	70-130	06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	68.7	25.0	1	06/10/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
		127 %	50-200	06/10/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	1740	400	20	06/10/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 68 4'

E206048-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.9 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.6 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		06/10/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	1080	400	20	06/10/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 69 4'

E206048-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.7 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	125 %	50-200		06/10/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	2150	400	20	06/10/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 70 4'

E206048-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.3 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.3 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/11/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/10/22	06/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	1410	400	20	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 71 4'

E206048-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.0 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.4 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/11/22	
<i>Surrogate: n-Nonane</i>						
	125 %	50-200		06/10/22	06/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	1090	40.0	2	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 72 4'

E206048-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.7 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.5 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/11/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		06/10/22	06/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	618	20.0	1	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 73 4'

E206048-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.2 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.9 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/11/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		06/10/22	06/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	418	40.0	2	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 74 4'

E206048-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.9 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.0 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/11/22	
<i>Surrogate: n-Nonane</i>						
	125 %	50-200		06/10/22	06/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	31.7	20.0	1	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 75 4'

E206048-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.5 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.2 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/11/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		06/10/22	06/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	227	20.0	1	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 76 4'

E206048-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.0 %	70-130	06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.9 %	70-130	06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/11/22	
<i>Surrogate: n-Nonane</i>						
		127 %	50-200	06/10/22	06/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	169	20.0	1	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 77 4'

E206048-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/11/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/10/22	06/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	113	20.0	1	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 78 4'

E206048-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/11/22	
<i>Surrogate: n-Nonane</i>						
	130 %	50-200		06/10/22	06/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	ND	200	10	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 4:47:21PM

BS22 - 79 4'

E206048-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Benzene	ND	0.0250	1	06/10/22	06/13/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/13/22	
Toluene	ND	0.0250	1	06/10/22	06/13/22	
o-Xylene	ND	0.0250	1	06/10/22	06/13/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/13/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2224065
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		06/10/22	06/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224073
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/11/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		06/10/22	06/11/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224070
Chloride	ND	400	20	06/10/22	06/13/22	



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 4:47:21PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224065-BLK1)

Prepared: 06/10/22 Analyzed: 06/13/22

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	7.47		8.00		93.4	70-130			

LCS (2224065-BS1)

Prepared: 06/10/22 Analyzed: 06/13/22

Benzene	5.10	0.0250	5.00		102	70-130			
Ethylbenzene	4.64	0.0250	5.00		92.9	70-130			
Toluene	4.92	0.0250	5.00		98.4	70-130			
o-Xylene	4.82	0.0250	5.00		96.3	70-130			
p,m-Xylene	9.57	0.0500	10.0		95.7	70-130			
Total Xylenes	14.4	0.0250	15.0		95.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

Matrix Spike (2224065-MS1)

Source: E206048-01

Prepared: 06/10/22 Analyzed: 06/13/22

Benzene	5.15	0.0250	5.00	ND	103	54-133			
Ethylbenzene	4.68	0.0250	5.00	ND	93.6	61-133			
Toluene	4.97	0.0250	5.00	ND	99.4	61-130			
o-Xylene	4.84	0.0250	5.00	ND	96.9	63-131			
p,m-Xylene	9.65	0.0500	10.0	ND	96.5	63-131			
Total Xylenes	14.5	0.0250	15.0	ND	96.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.2	70-130			

Matrix Spike Dup (2224065-MSD1)

Source: E206048-01

Prepared: 06/10/22 Analyzed: 06/13/22

Benzene	5.15	0.0250	5.00	ND	103	54-133	0.0611	20	
Ethylbenzene	4.69	0.0250	5.00	ND	93.9	61-133	0.276	20	
Toluene	4.98	0.0250	5.00	ND	99.6	61-130	0.175	20	
o-Xylene	4.86	0.0250	5.00	ND	97.2	63-131	0.332	20	
p,m-Xylene	9.67	0.0500	10.0	ND	96.7	63-131	0.273	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.9	63-131	0.292	20	
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 4:47:21PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224065-BLK1)

Prepared: 06/10/22 Analyzed: 06/13/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			

LCS (2224065-BS2)

Prepared: 06/10/22 Analyzed: 06/13/22

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			

Matrix Spike (2224065-MS2)

Source: E206048-01

Prepared: 06/10/22 Analyzed: 06/13/22

Gasoline Range Organics (C6-C10)	47.5	20.0	50.0	ND	95.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.8	70-130			

Matrix Spike Dup (2224065-MSD2)

Source: E206048-01

Prepared: 06/10/22 Analyzed: 06/13/22

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.9	70-130	2.95	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 4:47:21PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224073-BLK1)

Prepared: 06/10/22 Analyzed: 06/10/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	51.8		50.0		104	50-200			

LCS (2224073-BS1)

Prepared: 06/10/22 Analyzed: 06/10/22

Diesel Range Organics (C10-C28)	488	25.0	500		97.5	38-132			
Surrogate: <i>n</i> -Nonane	54.3		50.0		109	50-200			

Matrix Spike (2224073-MS1)

Source: E206048-02

Prepared: 06/10/22 Analyzed: 06/10/22

Diesel Range Organics (C10-C28)	512	25.0	500	ND	102	38-132			
Surrogate: <i>n</i> -Nonane	56.9		50.0		114	50-200			

Matrix Spike Dup (2224073-MSD1)

Source: E206048-02

Prepared: 06/10/22 Analyzed: 06/10/22

Diesel Range Organics (C10-C28)	523	25.0	500	ND	105	38-132	2.15	20	
Surrogate: <i>n</i> -Nonane	57.0		50.0		114	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 4:47:21PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224070-BLK1)

Prepared: 06/10/22 Analyzed: 06/10/22

Chloride	ND	20.0
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LCS (2224070-BS1)

Prepared: 06/10/22 Analyzed: 06/10/22

Chloride	246	20.0	250	98.2	90-110
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Matrix Spike (2224070-MS1)

Source: E206048-01

Prepared: 06/10/22 Analyzed: 06/10/22

Chloride	4990	400	250	5200	NR	80-120	M4
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Matrix Spike Dup (2224070-MSD1)

Source: E206048-01

Prepared: 06/10/22 Analyzed: 06/10/22

Chloride	5400	400	250	5200	78.8	80-120	7.88	20	M4
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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:	Gates AAC	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	06/14/22 16:47

- 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.



Client: EOG
 Project: Grates AAC
 Sampler: Sally Carthar
 Phone: _____
 Email(s): mpeppin@vertex.ca
 Project Manager: Monica Peppin

RUSH?

☐ 1d
☐ 3d

Lab Use Only		Analysis and Method								Lab Only	
Lab WO# <u>PE206048</u>		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0					Lab Number	N/A (s) Prsrv
Job Number <u>19034-0001</u>											
Page <u>1</u> of <u>2</u>											

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0											
BS22-62 4'	6/6	8:50	soil	1 4oz jar / ice	✓	✓	✓	✓											1
BS22-64 4'		9:10																	2
BS22-66 4'		9:30																	3
BS22-67 4'		9:40																	4
BS22-68 4'		9:50																	5
BS22-69 4'		11:40																	6
BS22-70 4'		11:50																	7
BS22-71 4'		12:00																	8
BS22-72 4'		12:10																	9
BS22-73 4'		12:20																	10

Relinquished by: (Signature) <u>Sally Carthar</u>	Date <u>6/6/22</u>	Time <u>18:30</u>	Received by: (Signature) <u>Monica Peppin</u>	Date <u>6-6-22</u>	Time <u>12:30</u>	Lab Use Only **Received on Ice <input checked="" type="radio"/> Y / <input type="radio"/> N	
Relinquished by: (Signature) <u>Monica Peppin</u>	Date <u>6-7-22</u>	Time <u>5:00 p</u>	Received by: (Signature) <u>Sally Carthar</u>	Date <u>6/8/22</u>	Time <u>10:00</u>	T1 _____	T2 _____
AVG Temp °C <u>4</u>						T3 _____	

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

**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.

<input type="checkbox"/> Sample(s) dropped off after hours to a secure drop off area.	Chain of Custody	Notes/Billing info:
---	------------------	---------------------



5796 US Highway 64, Farmington, NM 87401
 Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

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Ph (505) 632-0615 Fx (505) 632-1865
 Ph (970) 259-0615 Fr (800) 162-1879

envirotech-inc.com
 laboratory@envirotech-inc.com

Client: EOG
 Project: Cates AAC
 Sampler: Sally Carttar
 Phone: _____
 Email(s): mpeppin@vertex.ca
 Project Manager: Monica Peppin

RUSH?

☐ 1d
☐ 3d

Lab Use Only		Analysis and Method								Lab Only	
Lab WO#		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0					Lab Number	N/A (s) / Prsrv
Job Number											
PE206048											
19034-0001											
Page 2 of 2											

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPEReservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0									Lab Number	Correct Cont/Prsrv
BS22-74 4'	6/6	12:30	Soil	1 403 jar/ice	✓	✓	✓	✓									11	
BS22-75 4'		12:40															12	
BS22-76 4'		12:50															13	
BS22-77 4'		13:00															14	
BS22-78 4'		13:10															15	
BS22-79 4'		13:20															16	

Relinquished by: (Signature) <u>S Carttar</u>	Date <u>6/6/22</u>	Time <u>18:30</u>	Received by: (Signature) <u>Regina Maldonado</u>	Date <u>6-6-22</u>	Time <u>12:34p</u>	Lab Use Only					
Relinquished by: (Signature) <u>Regina Maldonado</u>	Date <u>6-7-22</u>	Time <u>5:00p</u>	Received by: (Signature) <u>Carttar</u>	Date <u>6/8/22</u>	Time <u>10:00</u>	**Received on Ice <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>					

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

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:



5796 US Highway 64, Farmington, NM 87401
 Three Springs - 63 Mercado Street, Suite 115, Durango, CO 81301

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Envirotech Analytical Laboratory

Printed: 6/8/2022 1:41:31PM

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:	06/08/22 10:00	Work Order ID:	E206048
Phone:	(575) 748-4217	Date Logged In:	06/08/22 11:18	Logged In By:	Caitlin Christian
Email:	mpeppin@vertex.ca	Due Date:	06/14/22 17:00 (4 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gates AAC #2

Work Order: E206052

Job Number: 19034-0001

Received: 6/8/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/13/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/13/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: Gates AAC #2
Workorder: E206052
Date Received: 6/8/2022 10:00:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/8/2022 10:00:00AM, under the Project Name: Gates AAC #2.

The analytical test results summarized in this report with the Project Name: Gates AAC #2 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 regarding 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 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC #2 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 06/13/22 15:27
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS22 - 16 4.0'	E206052-01A	Soil	06/01/22	06/08/22	Glass Jar, 4 oz.
BS22 - 17 4.0'	E206052-02A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 -18 4.0'	E206052-03A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 -19 4.0'	E206052-04A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 -20 4.0'	E206052-05A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 21 4.0'	E206052-06A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 22 4.0'	E206052-07A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 23 4.0'	E206052-08A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 24 4.0'	E206052-09A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 25 4.0'	E206052-10A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 26 4.0'	E206052-11A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 27 4.0'	E206052-12A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 28 4.0'	E206052-13A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 29 4.0'	E206052-14A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 30 4.0'	E206052-15A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 31 4.0'	E206052-16A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 32 4.0'	E206052-17A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 33 4.0'	E206052-18A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 34 4.0'	E206052-19A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.
BS22 - 35 4.0'	E206052-20A	Soil	06/02/22	06/08/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC #2 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/13/2022 3:27:49PM
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BS22 - 16 4.0'

E206052-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2224057	
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.1 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2224057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.9 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2224064	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>	100 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2224063	
Chloride	645	40.0	2	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 17 4.0'

E206052-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	82.1 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	519	20.0	1	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 -18 4.0'

E206052-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	32.4	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	97.7 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	641	100	5	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 -19 4.0'

E206052-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2224057	
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2224057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2224064	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	89.5 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2224063	
Chloride	777	40.0	2	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 -20 4.0'

E206052-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	98.2 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	1000	40.0	2	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 21 4.0'

E206052-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	1620	200	10	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 22 4.0'

E206052-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	2030	200	10	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 23 4.0'

E206052-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.0 %	70-130	06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
		98.2 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	3240	400	20	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 24 4.0'

E206052-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	1750	400	20	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 25 4.0'

E206052-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.3 %	70-130	06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	1980	400	20	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 26 4.0'

E206052-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2224057	
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2224057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2224064	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	98.8 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2224063	
Chloride	2360	400	20	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 27 4.0'

E206052-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	94.3 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	1290	400	20	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 28 4.0'

E206052-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.4 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	97.5 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	1700	400	20	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 29 4.0'

E206052-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	583	100	5	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 30 4.0'

E206052-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.3 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	99.0 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	682	40.0	2	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 31 4.0'

E206052-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	97.0 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	1880	40.0	2	06/09/22	06/11/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 32 4.0'

E206052-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.6 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	99.9 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	1410	40.0	2	06/09/22	06/11/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 33 4.0'

E206052-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.0 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	75.7	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	1060	40.0	2	06/09/22	06/11/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 34 4.0'

E206052-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.8 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	30.9	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	960	40.0	2	06/09/22	06/11/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/13/2022 3:27:49PM

BS22 - 35 4.0'

E206052-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224064
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/09/22	06/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2224063
Chloride	1020	40.0	2	06/09/22	06/11/22	



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/13/2022 3:27:49PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224057-BLK1)

Prepared: 06/09/22 Analyzed: 06/10/22

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	7.59		8.00		94.9	70-130			

LCS (2224057-BS1)

Prepared: 06/09/22 Analyzed: 06/10/22

Benzene	5.11	0.0250	5.00		102	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.7	70-130			
Toluene	4.92	0.0250	5.00		98.3	70-130			
o-Xylene	4.80	0.0250	5.00		96.0	70-130			
p,m-Xylene	9.53	0.0500	10.0		95.3	70-130			
Total Xylenes	14.3	0.0250	15.0		95.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.2	70-130			

LCS Dup (2224057-BSD1)

Prepared: 06/09/22 Analyzed: 06/10/22

Benzene	5.07	0.0250	5.00		101	70-130	0.826	20	
Ethylbenzene	4.60	0.0250	5.00		92.0	70-130	0.678	20	
Toluene	4.88	0.0250	5.00		97.7	70-130	0.672	20	
o-Xylene	4.78	0.0250	5.00		95.6	70-130	0.390	20	
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130	0.647	20	
Total Xylenes	14.3	0.0250	15.0		95.0	70-130	0.561	20	
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.1	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported: 6/13/2022 3:27:49PM
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224057-BLK1)

Prepared: 06/09/22 Analyzed: 06/10/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.3	70-130			

LCS (2224057-BS2)

Prepared: 06/09/22 Analyzed: 06/10/22

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			

LCS Dup (2224057-BSD2)

Prepared: 06/09/22 Analyzed: 06/10/22

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130	5.30	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/13/2022 3:27:49PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224064-BLK1)

Prepared: 06/09/22 Analyzed: 06/10/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.2		50.0		98.4	50-200			

LCS (2224064-BS1)

Prepared: 06/09/22 Analyzed: 06/10/22

Diesel Range Organics (C10-C28)	493	25.0	500		98.6	38-132			
Surrogate: n-Nonane	48.8		50.0		97.6	50-200			

Matrix Spike (2224064-MS1)

Source: E206052-15

Prepared: 06/09/22 Analyzed: 06/10/22

Diesel Range Organics (C10-C28)	515	25.0	500	ND	103	38-132			
Surrogate: n-Nonane	50.6		50.0		101	50-200			

Matrix Spike Dup (2224064-MSD1)

Source: E206052-15

Prepared: 06/09/22 Analyzed: 06/10/22

Diesel Range Organics (C10-C28)	517	25.0	500	ND	103	38-132	0.384	20	
Surrogate: n-Nonane	46.3		50.0		92.6	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/13/2022 3:27:49PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224063-BLK1)

Prepared: 06/09/22 Analyzed: 06/10/22

Chloride ND 20.0

LCS (2224063-BS1)

Prepared: 06/09/22 Analyzed: 06/10/22

Chloride 244 20.0 250 97.4 90-110

Matrix Spike (2224063-MS1)

Source: E206052-01

Prepared: 06/09/22 Analyzed: 06/10/22

Chloride 852 40.0 250 645 82.8 80-120

Matrix Spike Dup (2224063-MSD1)

Source: E206052-01

Prepared: 06/09/22 Analyzed: 06/10/22

Chloride 878 40.0 250 645 93.5 80-120 3.11 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:	Gates AAC #2	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	06/13/22 15:27

- 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.



Client: <u>EOG</u>		Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Gates AAC #2</u>		Attention:		Lab WO# <u>E206052</u>		Job Number <u>19634-0001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Monica Peppin</u>		Address:		Analysis and Method									
Address:		City, State, Zip		Metals 6010		Chloride 300.0							
City, State, Zip		Phone:		BTEX by 8021		VOC by 8260							
Phone:		Email:		TPH GAO/DRO/OKO by 8015									
Email:													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GAO/DRO/OKO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
1420	6-1-22	Soil	402	BS22-16	4.0'	1							
0830	6-2-22			BS22-17	4.0'	2							
0835				BS22-18	4.0'	3							
0840				BS22-19	4.0'	4							
0845				BS22-20	4.0'	5							
0850				BS22-21	4.0'	6							
0855				BS22-22	4.0'	7							
0900				BS22-23	4.0'	8							
0905				BS22-24	4.0'	9							
0910	✓	✓	✓	BS22-25	4.0'	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:

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) <u>[Signature]</u>	Date <u>6-7-22</u>	Time <u>5:00p</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>6-6-22</u>	Time <u>12:30</u>	Lab Use Only
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>6-7-22</u>	Time <u>5:00p</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>6/8/22</u>	Time <u>10:00</u>	Received on ice: <u>Y</u> / N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
AVG Temp °C <u>4</u>						

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.



Client: <u>EOG</u>				Bill To				Lab Use Only				TAT				EPA Program			
Project: <u>Gates AAC #2</u>				Attention:				Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: <u>Monica Peppin</u>				Address:				<u>E200052</u>		<u>19034-0001</u>									
Address:				City, State, Zip				Analysis and Method										RCRA	
City, State, Zip				Phone:															
Phone:				Email:															
Report due by:																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GLS by 8015	DRO/ORO by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX							
0915	6-2-22	Soil	402	B522-26	4.0'	11													
1030				B522-27	4.0'	12													
1035				B522-28	4.0'	13													
1040				B522-29	4.0'	14													
1045				B522-30	4.0'	15													
1050				B522-31	4.0'	16													
1055				B522-32	4.0'	17													
1100				B522-33	4.0'	18													
1105				B522-34	4.0'	19													
1110				B522-35	4.0'	20													
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										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		Lab Use Only			
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Received on ice: <u>Y</u> N			
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		T1 T2 T3			
										AVG Temp °C <u>4</u>									
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: 6/9/2022 12:16:33PM

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:	06/08/22 10:00	Work Order ID:	E206052
Phone:	(575) 748-4217	Date Logged In:	06/08/22 12:21	Logged In By:	Caitlin Christian
Email:	mpeppin@vertex.ca	Due Date:	06/13/22 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project has been separated into 3 reports due to amount of samples. Workorders are as follows:
E206052 COC page 3&4 of 7, E206055 COC page 1&2 of 7, E206056 COC page 5,6&7 of 7.

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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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

CC: m.peppin@vertex.ca / dwilliams@vertex.ca on Final Report

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

Date



envirotech Inc.

Report to:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gates AAC #2

Work Order: E206055

Job Number: 19034-0001

Received: 6/9/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/14/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/14/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: Gates AAC #2
Workorder: E206055
Date Received: 6/9/2022 9:45:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/9/2022 9:45:00AM, under the Project Name: Gates AAC #2.

The analytical test results summarized in this report with the Project Name: Gates AAC #2 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 regarding 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
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Gates AAC #2	Reported: 06/14/22 13:42
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
WS22 - 02 4.0'	E206055-01A	Soil	05/31/22	06/09/22	Glass Jar, 4 oz.
WS22 - 03 4.0'	E206055-02A	Soil	05/31/22	06/09/22	Glass Jar, 4 oz.
WS22 - 04 4.0'	E206055-03A	Soil	05/31/22	06/09/22	Glass Jar, 4 oz.
WS22 - 05 4.0'	E206055-04A	Soil	05/31/22	06/09/22	Glass Jar, 4 oz.
WS22 - 06 4.0'	E206055-05A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 01 4.0'	E206055-06A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 02 4.0'	E206055-07A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 03 4.0'	E206055-08A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 04 4.0'	E206055-09A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 05 4.0'	E206055-10A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 06 4.0'	E206055-11A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 07 4.0'	E206055-12A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 08 4.0'	E206055-13A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 09 4.0'	E206055-14A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 10 4.0'	E206055-15A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 11 4.0'	E206055-16A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 12 4.0'	E206055-17A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 13 4.0'	E206055-18A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 14 4.0'	E206055-19A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.
BS22 - 15 4.0'	E206055-20A	Soil	06/01/22	06/09/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC #2 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/14/2022 1:42:16PM
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WS22 - 02 4.0'

E206055-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2224058	
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.6 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2224058	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	83.5 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2224078	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
<i>Surrogate: n-Nonane</i>	127 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2224076	
Chloride	308	20.0	1	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

WS22 - 03 4.0'

E206055-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.3 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.3 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
<i>Surrogate: n-Nonane</i>						
	128 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	179	20.0	1	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

WS22 - 04 4.0'

E206055-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		81.3 %	70-130	06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		84.5 %	70-130	06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
<i>Surrogate: n-Nonane</i>						
		130 %	50-200	06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	139	20.0	1	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

WS22 - 05 4.0'

E206055-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		80.7 %	70-130	06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.5 %	70-130	06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
<i>Surrogate: n-Nonane</i>						
		132 %	50-200	06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	74.7	20.0	1	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

WS22 - 06 4.0'

E206055-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.8 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.4 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
<i>Surrogate: n-Nonane</i>						
	130 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	185	20.0	1	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 01 4.0'

E206055-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.0 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.9 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	1190	400	20	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 02 4.0'

E206055-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.5 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.0 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	2830	400	20	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 03 4.0'

E206055-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.9 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.5 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	1020	400	20	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 04 4.0'

E206055-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.8 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.8 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	760	400	20	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 05 4.0'

E206055-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		89.7 %	70-130	06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.2 %	70-130	06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
<i>Surrogate: n-Nonane</i>						
		128 %	50-200	06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	1920	400	20	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 06 4.0'

E206055-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.9 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.9 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
<i>Surrogate: n-Nonane</i>						
	128 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	1240	200	10	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 07 4.0'

E206055-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.2 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.3 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	1190	400	20	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 08 4.0'

E206055-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.1 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.2 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	133 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	1650	400	20	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 09 4.0'

E206055-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.2 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.0 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	130 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	2940	400	20	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 10 4.0'

E206055-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2224058	
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.9 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2224058	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.0 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2224078	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2224076	
Chloride	2130	400	20	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 11 4.0'

E206055-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.1 %	70-130	06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		81.7 %	70-130	06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
		124 %	50-200	06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	1180	400	20	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 12 4.0'

E206055-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.5 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	2200	400	20	06/10/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 13 4.0'

E206055-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.0 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	1760	400	20	06/10/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 14 4.0'

E206055-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.1 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	2010	400	20	06/10/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 1:42:16PM

BS22 - 15 4.0'

E206055-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.5 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224058
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.5 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224078
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	131 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224076
Chloride	1480	400	20	06/10/22	06/14/22	



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 1:42:16PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224058-BLK1)

Prepared: 06/09/22 Analyzed: 06/10/22

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	6.85		8.00		85.6	70-130			

LCS (2224058-BS1)

Prepared: 06/09/22 Analyzed: 06/14/22

Benzene	5.05	0.0250	5.00		101	70-130			
Ethylbenzene	5.03	0.0250	5.00		101	70-130			
Toluene	5.35	0.0250	5.00		107	70-130			
o-Xylene	4.94	0.0250	5.00		98.7	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.95		8.00		86.8	70-130			

LCS Dup (2224058-BSD1)

Prepared: 06/09/22 Analyzed: 06/10/22

Benzene	5.57	0.0250	5.00		111	70-130	9.83	20	
Ethylbenzene	5.47	0.0250	5.00		109	70-130	8.37	20	
Toluene	5.88	0.0250	5.00		118	70-130	9.36	20	
o-Xylene	5.38	0.0250	5.00		108	70-130	8.52	20	
p,m-Xylene	11.1	0.0500	10.0		111	70-130	8.23	20	
Total Xylenes	16.5	0.0250	15.0		110	70-130	8.32	20	
Surrogate: 4-Bromochlorobenzene-PID	6.99		8.00		87.3	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported: 6/14/2022 1:42:16PM
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224058-BLK1)

Prepared: 06/09/22 Analyzed: 06/10/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.84		8.00		85.5	70-130			

LCS (2224058-BS2)

Prepared: 06/09/22 Analyzed: 06/10/22

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.75		8.00		84.4	70-130			

LCS Dup (2224058-BSD2)

Prepared: 06/09/22 Analyzed: 06/10/22

Gasoline Range Organics (C6-C10)	41.8	20.0	50.0		83.6	70-130	8.19	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.77		8.00		84.7	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 1:42:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224078-BLK1)

Prepared: 06/10/22 Analyzed: 06/12/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.3		50.0		119	50-200			

LCS (2224078-BS1)

Prepared: 06/10/22 Analyzed: 06/12/22

Diesel Range Organics (C10-C28)	468	25.0	500		93.7	38-132			
Surrogate: n-Nonane	57.4		50.0		115	50-200			

Matrix Spike (2224078-MS1)

Source: E206055-01

Prepared: 06/10/22 Analyzed: 06/12/22

Diesel Range Organics (C10-C28)	452	25.0	500	ND	90.5	38-132			
Surrogate: n-Nonane	62.7		50.0		125	50-200			

Matrix Spike Dup (2224078-MSD1)

Source: E206055-01

Prepared: 06/10/22 Analyzed: 06/12/22

Diesel Range Organics (C10-C28)	474	25.0	500	ND	94.8	38-132	4.62	20	
Surrogate: n-Nonane	61.4		50.0		123	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 1:42:16PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224076-BLK1)

Prepared: 06/10/22 Analyzed: 06/13/22

Chloride ND 20.0

LCS (2224076-BS1)

Prepared: 06/10/22 Analyzed: 06/13/22

Chloride 253 20.0 250 101 90-110

Matrix Spike (2224076-MS1)

Source: E206055-01

Prepared: 06/10/22 Analyzed: 06/13/22

Chloride 564 20.0 250 308 103 80-120

Matrix Spike Dup (2224076-MSD1)

Source: E206055-01

Prepared: 06/10/22 Analyzed: 06/13/22

Chloride 561 20.0 250 308 101 80-120 0.635 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:	Gates AAC #2	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	06/14/22 13:42

- 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.



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Project Information

Chain of Custody

Client: EOG				Bill To				Lab Use Only				TAT				EPA Program			
Project: Gates AAC #2				Attention:				Lab WO# E200055		Job Number 19034-0001		1D	2D	3D	Standard	CWA	SDWA		
Project Manager:				Address:				Analysis and Method										RCRA	
Address:				City, State, Zip															
City, State, Zip				Phone:															
Phone:				Email:															
Report due by:																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRP/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State					Remarks	
													NM	CO	UT	AZ	TX		
1130	6-1-22	Soil	402	B522-06	11	X	X			X									
1140				B522-07	12														
1150				B522-08	13														
1300				B522-09	14														
1310				B522-10	15														
1320				B522-11	16														
1340				B522-12	17														
1350				B522-13	18														
1400				B522-14	19														
1410				B522-15	20														
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											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 _____								
Relinquished by: (Signature) _____ Date _____ Time _____											Received by: (Signature) _____ Date _____ Time _____								
Relinquished by: (Signature) _____ Date _____ Time _____											Received by: (Signature) _____ Date _____ Time _____								
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: 6/9/2022 12:18:29PM

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:	06/09/22 09:45	Work Order ID:	E206055
Phone:	(575) 748-4217	Date Logged In:	06/09/22 10:21	Logged In By:	Caitlin Christian
Email:	mpeppin@vertex.ca	Due Date:	06/14/22 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project has been separated into 3 reports due to amount of samples. Workorders are as follows:
E206052 COC page 3&4 of 7, E206055 COC page 1&2 of 7, E206056 COC page 5,6&7 of 7.

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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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

CC: m.peppin@vertex.ca / dwilliams@vertex.ca on Final Report

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

Date



envirotech Inc.

Report to:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gates AAC #2

Work Order: E206056

Job Number: 19034-0001

Received: 6/9/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/14/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/14/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: Gates AAC #2
Workorder: E206056
Date Received: 6/9/2022 9:45:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/9/2022 9:45:00AM, under the Project Name: Gates AAC #2.

The analytical test results summarized in this report with the Project Name: Gates AAC #2 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 regarding 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

Raina Schwanz
Laboratory Administrator
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Rayny Hagan
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	06/14/22 15:10

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS22 - 36 4.0'	E206056-01A	Soil	06/02/22	06/09/22	Glass Jar, 4 oz.
BS22 - 37 4.0'	E206056-02A	Soil	06/02/22	06/09/22	Glass Jar, 4 oz.
BS22 - 38 4.0'	E206056-03A	Soil	06/02/22	06/09/22	Glass Jar, 4 oz.
BS22 - 39 4.0'	E206056-04A	Soil	06/02/22	06/09/22	Glass Jar, 4 oz.
BS22 - 40 4.0'	E206056-05A	Soil	06/02/22	06/09/22	Glass Jar, 4 oz.
BS22 - 41 4.0'	E206056-06A	Soil	06/02/22	06/09/22	Glass Jar, 4 oz.
BS22 - 42 4.0'	E206056-07A	Soil	06/02/22	06/09/22	Glass Jar, 4 oz.
BS22 - 43 4.0'	E206056-08A	Soil	06/02/22	06/09/22	Glass Jar, 4 oz.
BS22 - 48 4.0	E206056-09A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.
BS22 - 49 4.0	E206056-10A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.
BS22 - 50 4.0'	E206056-11A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.
BS22 - 51 4.0'	E206056-12A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.
BS22 - 52 4.0'	E206056-13A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.
BS22 - 53 4.0'	E206056-14A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.
BS22 - 54 4.0'	E206056-15A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.
BS22 - 55 4.0'	E206056-16A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.
BS22 - 56 4.0'	E206056-17A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.
BS22 - 57 4.0'	E206056-18A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.
BS22 - 58 4.0'	E206056-19A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.
BS22 - 59 4.0'	E206056-20A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.
BS22 - 60 4.0'	E206056-21A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.
BS22 - 61 4.0'	E206056-22A	Soil	06/03/22	06/09/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC #2 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/14/2022 3:10:40PM
--	--	----------------------------------

BS22 - 36 4.0'

E206056-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	99.0 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	99.0 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	43.2	25.0	1	06/10/22	06/12/22	T17
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
Surrogate: n-Nonane	98.9 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	966	40.0	2	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 37 4.0'

E206056-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	98.1 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	98.1 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
Surrogate: n-Nonane	104 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	1970	100	5	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 38 4.0'

E206056-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	99.5 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	99.5 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
Surrogate: n-Nonane	103 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	1270	200	10	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 39 4.0'

E206056-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	98.3 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	98.3 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
Surrogate: n-Nonane	105 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	1510	400	20	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 40 4.0'

E206056-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	97.5 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	97.5 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
Surrogate: n-Nonane	93.5 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	2150	400	20	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 41 4.0'

E206056-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	98.3 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	98.3 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
Surrogate: n-Nonane	105 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	2120	400	20	06/09/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 42 4.0'

E206056-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	98.6 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	98.6 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
Surrogate: n-Nonane	109 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	3460	400	20	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 43 4.0'

E206056-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	98.8 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	98.8 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
Surrogate: n-Nonane	121 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	1270	400	20	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 48 4.0

E206056-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	98.5 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		06/09/22	06/10/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/09/22	06/10/22	
Surrogate: Toluene-d8	98.5 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
Surrogate: n-Nonane	101 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	3200	400	20	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 49 4.0

E206056-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	99.3 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	99.3 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
Surrogate: n-Nonane	93.4 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	1780	400	20	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 50 4.0'

E206056-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	98.0 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	98.0 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	25.7	25.0	1	06/10/22	06/12/22	T17
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
Surrogate: n-Nonane	121 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	1580	200	10	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 51 4.0'

E206056-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	98.4 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	98.4 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	28.6	25.0	1	06/10/22	06/12/22	T17
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
Surrogate: n-Nonane	123 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	3140	200	10	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 52 4.0'

E206056-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	97.4 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	97.4 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/12/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/12/22	
Surrogate: n-Nonane	122 %	50-200		06/10/22	06/12/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	2070	100	5	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 53 4.0'

E206056-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
Surrogate: n-Nonane	99.9 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	1140	40.0	2	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 54 4.0'

E206056-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	96.0 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	96.0 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
Surrogate: n-Nonane	110 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	947	40.0	2	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 55 4.0'

E206056-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
Surrogate: n-Nonane	116 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	1650	200	10	06/09/22	06/13/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 56 4.0'

E206056-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	27.6	25.0	1	06/10/22	06/13/22	T17
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
Surrogate: n-Nonane	124 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	700	200	10	06/09/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 57 4.0'

E206056-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
Surrogate: n-Nonane	124 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	1430	200	10	06/09/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 58 4.0'

E206056-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
Surrogate: n-Nonane	130 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	3660	400	20	06/09/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 59 4.0'

E206056-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Benzene	ND	0.0250	1	06/09/22	06/11/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/11/22	
Toluene	ND	0.0250	1	06/09/22	06/11/22	
o-Xylene	ND	0.0250	1	06/09/22	06/11/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/11/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	95.8 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/11/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/09/22	06/11/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/09/22	06/11/22	
Surrogate: Toluene-d8	95.8 %	70-130		06/09/22	06/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2224080
Diesel Range Organics (C10-C28)	50.0	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
Surrogate: n-Nonane	126 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224062
Chloride	1480	400	20	06/09/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 60 4.0'

E206056-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224051
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224051
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.7 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	76.5 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224061
Chloride	2150	400	20	06/09/22	06/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/14/2022 3:10:40PM

BS22 - 61 4.0'

E206056-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224051
Benzene	ND	0.0250	1	06/09/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/09/22	06/10/22	
Toluene	ND	0.0250	1	06/09/22	06/10/22	
o-Xylene	ND	0.0250	1	06/09/22	06/10/22	
p,m-Xylene	ND	0.0500	1	06/09/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/09/22	06/10/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224051
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/22	06/10/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.6 %	70-130		06/09/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2224081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		06/10/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2224061
Chloride	7060	400	20	06/09/22	06/10/22	



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 3:10:40PM

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 (2224059-BLK1)

Prepared: 06/09/22 Analyzed: 06/10/22

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	0.463		0.500		92.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			

LCS (2224059-BS1)

Prepared: 06/09/22 Analyzed: 06/13/22

Benzene	2.35	0.0250	2.50		93.9	70-130			
Ethylbenzene	2.35	0.0250	2.50		94.1	70-130			
Toluene	2.29	0.0250	2.50		91.6	70-130			
o-Xylene	2.45	0.0250	2.50		97.9	70-130			
p,m-Xylene	4.83	0.0500	5.00		96.5	70-130			
Total Xylenes	7.27	0.0250	7.50		97.0	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			

LCS Dup (2224059-BSD1)

Prepared: 06/09/22 Analyzed: 06/10/22

Benzene	2.60	0.0250	2.50		104	70-130	10.4	23	
Ethylbenzene	2.75	0.0250	2.50		110	70-130	15.5	27	
Toluene	2.66	0.0250	2.50		106	70-130	15.1	24	
o-Xylene	2.79	0.0250	2.50		111	70-130	13.0	27	
p,m-Xylene	5.48	0.0500	5.00		110	70-130	12.7	27	
Total Xylenes	8.27	0.0250	7.50		110	70-130	12.8	27	
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 3:10:40PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224051-BLK1)

Prepared: 06/09/22 Analyzed: 06/09/22

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	7.20		8.00		90.0	70-130			

LCS (2224051-BS1)

Prepared: 06/09/22 Analyzed: 06/09/22

Benzene	5.64	0.0250	5.00		113	70-130			
Ethylbenzene	5.58	0.0250	5.00		112	70-130			
Toluene	5.92	0.0250	5.00		118	70-130			
o-Xylene	5.47	0.0250	5.00		109	70-130			
p,m-Xylene	11.3	0.0500	10.0		113	70-130			
Total Xylenes	16.8	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

Matrix Spike (2224051-MS1)

Source: E206036-02

Prepared: 06/09/22 Analyzed: 06/09/22

Benzene	5.46	0.0250	5.00	ND	109	54-133			
Ethylbenzene	5.37	0.0250	5.00	ND	107	61-133			
Toluene	5.73	0.0250	5.00	ND	115	61-130			
o-Xylene	5.27	0.0250	5.00	ND	105	63-131			
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131			
Total Xylenes	16.1	0.0250	15.0	ND	108	63-131			
Surrogate: 4-Bromochlorobenzene-PID	6.98		8.00		87.3	70-130			

Matrix Spike Dup (2224051-MSD1)

Source: E206036-02

Prepared: 06/09/22 Analyzed: 06/09/22

Benzene	5.51	0.0250	5.00	ND	110	54-133	1.04	20	
Ethylbenzene	5.45	0.0250	5.00	ND	109	61-133	1.53	20	
Toluene	5.82	0.0250	5.00	ND	116	61-130	1.66	20	
o-Xylene	5.34	0.0250	5.00	ND	107	63-131	1.36	20	
p,m-Xylene	11.0	0.0500	10.0	ND	110	63-131	1.50	20	
Total Xylenes	16.4	0.0250	15.0	ND	109	63-131	1.45	20	
Surrogate: 4-Bromochlorobenzene-PID	6.96		8.00		86.9	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 3:10:40PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224051-BLK1) Prepared: 06/09/22 Analyzed: 06/09/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.83		8.00		85.4	70-130			

LCS (2224051-BS2) Prepared: 06/09/22 Analyzed: 06/09/22

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			

Matrix Spike (2224051-MS2) Source: E206036-02 Prepared: 06/09/22 Analyzed: 06/10/22

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.6	70-130			

Matrix Spike Dup (2224051-MSD2) Source: E206036-02 Prepared: 06/09/22 Analyzed: 06/10/22

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.1	70-130	7.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.4	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 3:10:40PM

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 (2224059-BLK1)

Prepared: 06/09/22 Analyzed: 06/10/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.463		0.500		92.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			

LCS (2224059-BS2)

Prepared: 06/09/22 Analyzed: 06/10/22

Gasoline Range Organics (C6-C10)	53.7	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

LCS Dup (2224059-BSD2)

Prepared: 06/09/22 Analyzed: 06/10/22

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0		108	70-130	0.387	20	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 3:10:40PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224080-BLK1)

Prepared: 06/10/22 Analyzed: 06/12/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.5		50.0		91.0	50-200			

LCS (2224080-BS1)

Prepared: 06/10/22 Analyzed: 06/12/22

Diesel Range Organics (C10-C28)	468	25.0	500		93.6	38-132			
Surrogate: n-Nonane	54.6		50.0		109	50-200			

Matrix Spike (2224080-MS1)

Source: E206056-01

Prepared: 06/10/22 Analyzed: 06/12/22

Diesel Range Organics (C10-C28)	485	25.0	500	43.2	88.4	38-132			
Surrogate: n-Nonane	57.4		50.0		115	50-200			

Matrix Spike Dup (2224080-MSD1)

Source: E206056-01

Prepared: 06/10/22 Analyzed: 06/12/22

Diesel Range Organics (C10-C28)	442	25.0	500	43.2	79.8	38-132	9.36	20	
Surrogate: n-Nonane	52.1		50.0		104	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 3:10:40PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224081-BLK1)

Prepared: 06/10/22 Analyzed: 06/12/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	65.2		50.0		130	50-200			

LCS (2224081-BS1)

Prepared: 06/10/22 Analyzed: 06/12/22

Diesel Range Organics (C10-C28)	479	25.0	500		95.8	38-132			
Surrogate: n-Nonane	68.9		50.0		138	50-200			

Matrix Spike (2224081-MS1)

Source: E206049-01

Prepared: 06/10/22 Analyzed: 06/12/22

Diesel Range Organics (C10-C28)	388	25.0	500	ND	77.5	38-132			
Surrogate: n-Nonane	60.4		50.0		121	50-200			

Matrix Spike Dup (2224081-MSD1)

Source: E206049-01

Prepared: 06/10/22 Analyzed: 06/12/22

Diesel Range Organics (C10-C28)	452	25.0	500	ND	90.4	38-132	15.4	20	
Surrogate: n-Nonane	70.2		50.0		140	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 3:10:40PM

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 (2224061-BLK1)					Prepared: 06/09/22 Analyzed: 06/10/22				
Chloride	ND	20.0							
LCS (2224061-BS1)					Prepared: 06/09/22 Analyzed: 06/10/22				
Chloride	246	20.0	250		98.3	90-110			
Matrix Spike (2224061-MS1)					Source: E206040-01		Prepared: 06/09/22 Analyzed: 06/10/22		
Chloride	377	20.0	250	124	101	80-120			
Matrix Spike Dup (2224061-MSD1)					Source: E206040-01		Prepared: 06/09/22 Analyzed: 06/10/22		
Chloride	367	20.0	250	124	97.3	80-120	2.71	20	



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/14/2022 3:10:40PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224062-BLK1)

Prepared: 06/09/22 Analyzed: 06/13/22

Chloride ND 20.0

LCS (2224062-BS1)

Prepared: 06/09/22 Analyzed: 06/13/22

Chloride 251 20.0 250 100 90-110

Matrix Spike (2224062-MS1)

Source: E206056-01

Prepared: 06/09/22 Analyzed: 06/13/22

Chloride 1290 40.0 250 966 128 80-120 M2

Matrix Spike Dup (2224062-MSD1)

Source: E206056-01

Prepared: 06/09/22 Analyzed: 06/13/22

Chloride 1310 40.0 250 966 136 80-120 1.41 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:	Gates AAC #2	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	06/14/22 15:10

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- T17 The sample chromatographic pattern does not resemble the typical fuel standard used for quantitation.
- 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.



Client: <u>EDG</u>		Attention:		Lab Use Only		TAT		EPA Program					
Project: <u>Grates ABC #2</u>		Address:		Lab WO# <u>E206056</u>		Job Number <u>19034-0001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Monica Peppin</u>		City, State, Zip		Analysis and Method								RCRA	
Address:		Phone:		Metals 6010		Chloride 3000						State	
City, State, Zip		Email:		PH GRO/DRO/ORO by 8015		VOC by 8260		NM		TX		NM CO UT AZ TX	
Report due by:				Remarks									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number								
1115	6-2-22	So.1	4oz	BS22-36	1	X	X						
1120				BS22-37	2								
1125				BS22-38	3								
1130				BS22-39	4								
1135				BS22-40	5								
1140				BS22-41	6								
1145				BS22-42	7								
1150	↓			BS22-43	8								
0900	6-3-22			BS22-48	9								
0910	↓	↓	↓	BS22-49	10	↓	↓	↓					
Additional Instructions:													
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										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		Lab Use Only	
<u>Lequero Mas</u>		6-2-22		5:00p		<u>Lequero Mas</u>		6-2-22		12:30		Received on ice: <u>Y</u> N	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1	
<u>Lequero Mas</u>		6-2-22		5:00p		<u>Lequero Mas</u>		6-2-22		9:45		T2	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T3	
												AVG Temp °C <u>4</u>	
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.													



Client: <u>EOG</u>					Bill To		Lab Use Only				TAT				EPA Program		
Project: <u>Gates MAC #2</u>					Attention:		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA	
Project Manager:					Address:		<u>E 2010050</u>		<u>19034-0001</u>								
Address:					City, State, Zip		Analysis and Method									RCRA	
City, State, Zip					Phone:											State	
Phone:					Email:											NM	
Email:																	
Report due by:																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												Remarks
0920	6-3-22	Soil	400	B522-50	11	X X X											
0930				B522-51	12												
0940				B522-52	13												
0950				B522-53	14												
1000				B522-54	15												
1010				B522-55	16												
1020				B522-56	17												
1030				B522-57	18												
1040				B522-58	19												
1050				B522-59	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.																	
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	Lab Use Only									
<u>[Signature]</u>		6-6-22	5:00p	<u>[Signature]</u>		6-6-22	12:50	Received on ice: <u>Y</u> N									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3									
<u>[Signature]</u>		6-7-22	5:00p	<u>[Signature]</u>		6/9/22	9:45										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>									
<u>[Signature]</u>																	
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.																	

Client: <u>EOG</u>				Bill To				Lab Use Only				TAT			EPA Program				
Project: <u>Gates HAAC #2</u>				Attention: _____				Lab WO# <u>E 206050</u>		Job Number <u>19034-0001</u>		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: _____				Address: _____				Analysis and Method										RCRA	
Address: _____				City, State, Zip _____														State	
City, State, Zip _____				Phone: _____														NM	CO
Phone: _____				Email: _____														Remarks	
Email: _____				Report due by: _____															
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH by 8021	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX						
1100	6-3-22	Sr. 1	4oz	BS22-60	4.0'	21	↓	↓			↓								
1110	↓	↓	4oz	BS22-61	4.0'	22	↓	↓			↓								
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: _____																			
Relinquished by: (Signature) _____		Date _____	Time _____	Received by: (Signature) _____		Date _____	Time _____	Lab Use Only											
Relinquished by: (Signature) _____		Date _____	Time _____	Received by: (Signature) _____		Date _____	Time _____	Received on ice: <input checked="" type="radio"/> N											
Relinquished by: (Signature) _____		Date _____	Time _____	Received by: (Signature) _____		Date _____	Time _____	T1 _____ T2 _____ T3 _____											
							AVG Temp °C <u>4</u>												
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: 6/9/2022 12:20:22PM

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:	06/09/22 09:45	Work Order ID:	E206056
Phone:	(575) 748-4217	Date Logged In:	06/09/22 10:23	Logged In By:	Caitlin Christian
Email:	mpeppin@vertex.ca	Due Date:	06/14/22 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project has been separated into 3 reports due to amount of samples. Workorders are as follows:
E206052 COC page 3&4 of 7, E206055 COC page 1&2 of 7, E206056 COC page 5,6&7 of 7.

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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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

CC: m.peppin@vertex.ca / dwilliams@vertex.ca on Final Report

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

Date



envirotech Inc.

Report to:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gates AAC

Work Order: E206057

Job Number: 19034-0001

Received: 6/9/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/15/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/15/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: Gates AAC
Workorder: E206057
Date Received: 6/9/2022 9:45:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/9/2022 9:45:00AM, under the Project Name: Gates AAC.

The analytical test results summarized in this report with the Project Name: Gates AAC 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 regarding 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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Alexa Michaels
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 06/15/22 16:37
--	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS22 - 80 4'	E206057-01A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 - 81 4'	E206057-02A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 - 82 4'	E206057-03A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 - 83 4'	E206057-04A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 - 84 4'	E206057-05A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 -85 4'	E206057-06A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 - 86 4'	E206057-07A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 - 87 4'	E206057-08A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 - 88 4'	E206057-09A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 -89 4'	E206057-10A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 - 90	E206057-11A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 - 91	E206057-12A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 - 92	E206057-13A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 - 93	E206057-14A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.
BS22 - 94	E206057-15A	Soil	06/07/22	06/09/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/15/2022 4:37:16PM
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BS22 - 80 4'

E206057-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2224082	
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	81.9 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2224082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	84.6 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2225002	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/13/22	
<i>Surrogate: n-Nonane</i>	109 %	50-200		06/13/22	06/13/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2225005	
Chloride	298	40.0	2	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 - 81 4'

E206057-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.2 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/13/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	551	100	5	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 - 82 4'

E206057-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.0 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		06/13/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	990	400	20	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 - 83 4'

E206057-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.0 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.5 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/13/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	2200	400	20	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 - 84 4'

E206057-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.7 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.5 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		06/13/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	2700	400	20	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 -85 4'

E206057-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.1 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/13/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/13/22	06/13/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	1620	400	20	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 - 86 4'

E206057-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.6 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.9 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/14/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/13/22	06/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	2150	400	20	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 - 87 4'

E206057-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/14/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/13/22	06/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	1630	400	20	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 - 88 4'

E206057-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.0 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/14/22	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		06/13/22	06/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	1030	400	20	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 -89 4'

E206057-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.9 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/14/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/13/22	06/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	729	400	20	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 - 90

E206057-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.5 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/14/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		06/13/22	06/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	955	400	20	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 - 91

E206057-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.8 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.5 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/14/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		06/13/22	06/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	777	400	20	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 - 92

E206057-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.8 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/14/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/13/22	06/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	1110	400	20	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 - 93

E206057-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.8 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/22	06/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/14/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		06/13/22	06/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	1100	400	20	06/13/22	06/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/15/2022 4:37:16PM

BS22 - 94

E206057-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Benzene	ND	0.0250	1	06/10/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/10/22	06/14/22	
Toluene	ND	0.0250	1	06/10/22	06/14/22	
o-Xylene	ND	0.0250	1	06/10/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/10/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/10/22	06/14/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.7 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2224082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/22	06/14/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.0 %	70-130		06/10/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2225002
Diesel Range Organics (C10-C28)	32.1	25.0	1	06/13/22	06/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/22	06/14/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/13/22	06/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225005
Chloride	517	40.0	2	06/13/22	06/14/22	



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/15/2022 4:37:16PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224082-BLK1)

Prepared: 06/10/22 Analyzed: 06/15/22

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	6.35		8.00		79.3	70-130			

LCS (2224082-BS1)

Prepared: 06/10/22 Analyzed: 06/15/22

Benzene	4.99	0.0250	5.00		99.7	70-130			
Ethylbenzene	5.02	0.0250	5.00		100	70-130			
Toluene	5.34	0.0250	5.00		107	70-130			
o-Xylene	4.91	0.0250	5.00		98.3	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.55		8.00		81.9	70-130			

LCS Dup (2224082-BSD1)

Prepared: 06/10/22 Analyzed: 06/15/22

Benzene	5.20	0.0250	5.00		104	70-130	4.23	20	
Ethylbenzene	5.27	0.0250	5.00		105	70-130	4.84	20	
Toluene	5.59	0.0250	5.00		112	70-130	4.55	20	
o-Xylene	5.16	0.0250	5.00		103	70-130	4.93	20	
p,m-Xylene	10.7	0.0500	10.0		107	70-130	4.96	20	
Total Xylenes	15.9	0.0250	15.0		106	70-130	4.95	20	
Surrogate: 4-Bromochlorobenzene-PID	6.65		8.00		83.1	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/15/2022 4:37:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2224082-BLK1)

Prepared: 06/10/22 Analyzed: 06/15/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.26		8.00		103	70-130			

LCS (2224082-BS2)

Prepared: 06/10/22 Analyzed: 06/15/22

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		98.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.16		8.00		102	70-130			

LCS Dup (2224082-BSD2)

Prepared: 06/10/22 Analyzed: 06/15/22

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0		101	70-130	2.98	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.59		8.00		107	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/15/2022 4:37:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225002-BLK1)

Prepared: 06/13/22 Analyzed: 06/13/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.9		50.0		99.7	50-200			

LCS (2225002-BS1)

Prepared: 06/13/22 Analyzed: 06/13/22

Diesel Range Organics (C10-C28)	517	25.0	500		103	38-132			
Surrogate: <i>n</i> -Nonane	53.6		50.0		107	50-200			

Matrix Spike (2225002-MS1)

Source: E206057-01

Prepared: 06/13/22 Analyzed: 06/13/22

Diesel Range Organics (C10-C28)	517	25.0	500	ND	103	38-132			
Surrogate: <i>n</i> -Nonane	50.6		50.0		101	50-200			

Matrix Spike Dup (2225002-MSD1)

Source: E206057-01

Prepared: 06/13/22 Analyzed: 06/13/22

Diesel Range Organics (C10-C28)	519	25.0	500	ND	104	38-132	0.371	20	
Surrogate: <i>n</i> -Nonane	54.5		50.0		109	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/15/2022 4:37:16PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225005-BLK1)

Prepared: 06/13/22 Analyzed: 06/14/22

Chloride	ND	20.0							
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LCS (2225005-BS1)

Prepared: 06/13/22 Analyzed: 06/14/22

Chloride	249	20.0	250		99.5	90-110			
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Matrix Spike (2225005-MS1)

Source: E206057-01

Prepared: 06/13/22 Analyzed: 06/14/22

Chloride	552	40.0	250	298	102	80-120			
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Matrix Spike Dup (2225005-MSD1)

Source: E206057-01

Prepared: 06/13/22 Analyzed: 06/14/22

Chloride	510	40.0	250	298	84.7	80-120	8.01	20	
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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:	Gates AAC	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	06/15/22 16:37

- 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.



Client: EOG (Asher)
 Project: Gates AAC
 Sampler: Sally Carttar
 Phone: _____
 Email(s): mpeppin@vertex.ca
 Project Manager: Monica Peppin

RUSH?

☐ 1d☐ 3d

Lab Use Only		Analysis and Method								Lab Only	
Lab WO#		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0					Lab Number	Correct Cont/Prsrv
Job Number											
PE206057											
19034-0001											
of _____											

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0										
BS22-80 4'	6/7	9:10	80il	1 403 jar / ice	✓	✓	✓	✓										1
BS22-81 4'		9:20																2
BS22-82 4'		9:30																3
BS22-83 4'		9:40																4
BS22-84 4'		9:50																5
BS22-85 4'		10:00																6
BS22-86 4'		10:10																7
BS22-87 4'		10:20																8
BS22-88 4'		12:50																9
BS22-89 4'		13:00																10

Relinquished by: (Signature) <u>S Carttar</u>	Date <u>6/7</u>	Time <u>5:30</u>	Received by: (Signature) <u>Leguina</u>	Date <u>11/4/21</u>	Time <u></u>	Lab Use Only					
Relinquished by: (Signature) <u>Leguina</u>	Date <u>6-8-22</u>	Time <u>4:00p</u>	Received by: (Signature) <u>Carttar</u>	Date <u>6/9/22</u>	Time <u>9:45</u>	**Received on Ice <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>					

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

**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.

<input type="checkbox"/> Sample(s) dropped off after hours to a secure drop off area.	Chain of Custody	Notes/Billing Info:
---	------------------	---------------------



5796 US Highway 64, Farmington, NM 87401

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

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Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

 envirotech-inc.com
 laboratory@envirotech-inc.com

Client: EOG (Asher)
 Project: Eater AAC
 Sampler: Sally Carttar
 Phone: _____
 Email(s): mpeppin@vertex.ca
 Project Manager: Monica Peppin

RUSH?

☐ 1d☐ 3d

Lab Use Only		Analysis and Method								Lab Only	
Lab WO# PE206057		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0					Lab Number	N/A (s) / Correct Cont/Prsrv
Job Number 19034-0001											

Page

of

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0										
BS22-90	6/7	13:10	Soil	1 40g jar / ice	✓	✓	✓	✓										11
BS22-91		13:20																12
BS22-92		13:30																13
BS22-93		13:40																14
BS22-94		13:50																15

Relinquished by: (Signature) <u>Sally Carttar</u>	Date <u>6/7</u>	Time <u>5:30</u>	Received by: (Signature) <u>Leguia Mark</u>	Date <u>6/9/22</u>	Time <u>11:30p</u>	Lab Use Only					
Relinquished by: (Signature) <u>Leguia Mark</u>	Date <u>6-8-22</u>	Time <u>4:00p</u>	Received by: (Signature) <u>Sally Carttar</u>	Date <u>6/9/22</u>	Time <u>9:45</u>	**Received on Ice <input checked="" type="checkbox"/> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>					

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

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:



5796 US Highway 64, Farmington, NM 87401

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

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Ph (970) 259-0615 Fr (800) 362-1879

 envirotech-inc.com
 laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/9/2022 11:28:47AM

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:	06/09/22 09:45	Work Order ID:	E206057
Phone:	(575) 748-4217	Date Logged In:	06/09/22 10:27	Logged In By:	Caitlin Christian
Email:	mpeppin@vertex.ca	Due Date:	06/15/22 17:00 (4 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gates AAC

Work Order: E206081

Job Number: 19034-0001

Received: 6/14/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/20/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/20/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: Gates AAC
Workorder: E206081
Date Received: 6/14/2022 12:15:00PM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/14/2022 12:15:00PM, under the Project Name: Gates AAC.

The analytical test results summarized in this report with the Project Name: Gates AAC 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 regarding 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:	Gates AAC	Reported: 06/20/22 17:47
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
WS22-08 0-4'	E206081-01A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-119 4'	E206081-02A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-120 4'	E206081-03A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-121 4'	E206081-04A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-122 4'	E206081-05A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-123 4'	E206081-06A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-124 4'	E206081-07A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-125 4'	E206081-08A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-126 4'	E206081-09A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-127 4'	E206081-10A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-128 4'	E206081-11A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-129 4'	E206081-12A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-130 4'	E206081-13A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-131 4'	E206081-14A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-132 4'	E206081-15A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-133 4'	E206081-16A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-134 4'	E206081-17A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-135 4'	E206081-18A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-136 4'	E206081-19A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-137 4'	E206081-20A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-138 4'	E206081-21A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-139 4'	E206081-22A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
BS22-140 4'	E206081-23A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
TP22-01 4'	E206081-24A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
TP22-02 4'	E206081-25A	Soil	06/09/22	06/14/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/20/2022 5:47:02PM
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WS22-08 0-4'

E206081-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2225031	
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	82.1 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2225031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.9 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2225051	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>	84.0 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2225046	
Chloride	445	20.0	1	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-119 4'

E206081-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.2 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	91.4 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	1200	200	10	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-120 4'

E206081-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.5 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	482	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	78.0 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	764	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-121 4'

E206081-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		84.0 %	70-130	06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.1 %	70-130	06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	716	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	1170	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-122 4'

E206081-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.7 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	201	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	1620	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-123 4'

E206081-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2225031	
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	82.7 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2225031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.0 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2225051	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>	108 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2225046	
Chloride	1510	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-124 4'

E206081-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.2 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	96.8 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	3680	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-125 4'

E206081-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.6 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	507	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	95.5 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	2870	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-126 4'

E206081-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.9 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	369	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	2120	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-127 4'

E206081-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.9 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	250	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	86.7 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	607	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-128 4'

E206081-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.4 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	1320	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	93.2 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	590	200	10	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-129 4'

E206081-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.5 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	99.2 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	366	20.0	1	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-130 4'

E206081-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.0 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	96.1 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	181	20.0	1	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-131 4'

E206081-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.4 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	95.0 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	309	20.0	1	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-132 4'

E206081-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.4 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	91.1 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	188	20.0	1	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-133 4'

E206081-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.4 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	4310	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	73.8	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	334	20.0	1	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-134 4'

E206081-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.4 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.6 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	844	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	99.7 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	602	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-135 4'

E206081-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.2 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	48.0	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	97.7 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	1950	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-136 4'

E206081-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.9 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	2480	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-137 4'

E206081-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.3 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225031
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.3 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/20/22	
<i>Surrogate: n-Nonane</i>						
	99.6 %	50-200		06/15/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225046
Chloride	2940	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-138 4'

E206081-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225030
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.0 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225027
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/16/22	
<i>Surrogate: n-Nonane</i>						
	89.4 %	50-200		06/14/22	06/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225055
Chloride	3530	400	20	06/16/22	06/16/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-139 4'

E206081-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225030
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225027
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/16/22	
<i>Surrogate: n-Nonane</i>						
	88.9 %	50-200		06/14/22	06/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225055
Chloride	1950	400	20	06/16/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

BS22-140 4'

E206081-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225030
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.5 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225027
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/16/22	
<i>Surrogate: n-Nonane</i>						
	90.9 %	50-200		06/14/22	06/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225055
Chloride	1790	400	20	06/16/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

TP22-01 4'

E206081-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225030
Benzene	ND	0.0250	1	06/15/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/20/22	
Toluene	ND	0.0250	1	06/15/22	06/20/22	
o-Xylene	ND	0.0250	1	06/15/22	06/20/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.9 %	70-130		06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225027
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/16/22	
<i>Surrogate: n-Nonane</i>						
	89.8 %	50-200		06/14/22	06/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225055
Chloride	878	400	20	06/16/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 5:47:02PM

TP22-02 4'

E206081-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225030
Benzene	ND	0.0250	1	06/15/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/20/22	
Toluene	ND	0.0250	1	06/15/22	06/20/22	
o-Xylene	ND	0.0250	1	06/15/22	06/20/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.8 %	70-130		06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225027
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/16/22	
<i>Surrogate: n-Nonane</i>						
	87.4 %	50-200		06/14/22	06/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225055
Chloride	357	200	10	06/16/22	06/17/22	



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 5:47:02PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225030-BLK1)

Prepared: 06/15/22 Analyzed: 06/20/22

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	6.85		8.00		85.7	70-130			

LCS (2225030-BS1)

Prepared: 06/15/22 Analyzed: 06/16/22

Benzene	4.87	0.0250	5.00		97.3	70-130			
Ethylbenzene	4.97	0.0250	5.00		99.4	70-130			
Toluene	5.27	0.0250	5.00		105	70-130			
o-Xylene	4.89	0.0250	5.00		97.7	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	14.9	0.0250	15.0		99.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.89		8.00		86.2	70-130			

LCS Dup (2225030-BSD1)

Prepared: 06/15/22 Analyzed: 06/16/22

Benzene	4.94	0.0250	5.00		98.7	70-130	1.42	20	
Ethylbenzene	5.06	0.0250	5.00		101	70-130	1.80	20	
Toluene	5.31	0.0250	5.00		106	70-130	0.857	20	
o-Xylene	5.00	0.0250	5.00		99.9	70-130	2.24	20	
p,m-Xylene	10.2	0.0500	10.0		102	70-130	1.78	20	
Total Xylenes	15.2	0.0250	15.0		102	70-130	1.93	20	
Surrogate: 4-Bromochlorobenzene-PID	7.04		8.00		88.0	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 5:47:02PM

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 (2225031-BLK1)

Prepared: 06/15/22 Analyzed: 06/20/22

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	6.85		8.00		85.7	70-130			

LCS (2225031-BS1)

Prepared: 06/15/22 Analyzed: 06/19/22

Benzene	5.26	0.0250	5.00		105	70-130			
Ethylbenzene	5.18	0.0250	5.00		104	70-130			
Toluene	5.52	0.0250	5.00		110	70-130			
o-Xylene	5.10	0.0250	5.00		102	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.6	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.87		8.00		85.9	70-130			

LCS Dup (2225031-BSD1)

Prepared: 06/15/22 Analyzed: 06/19/22

Benzene	5.17	0.0250	5.00		103	70-130	1.70	20	
Ethylbenzene	5.12	0.0250	5.00		102	70-130	1.29	20	
Toluene	5.44	0.0250	5.00		109	70-130	1.40	20	
o-Xylene	5.03	0.0250	5.00		101	70-130	1.42	20	
p,m-Xylene	10.3	0.0500	10.0		103	70-130	1.20	20	
Total Xylenes	15.4	0.0250	15.0		103	70-130	1.27	20	
Surrogate: 4-Bromochlorobenzene-PID	6.80		8.00		84.9	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 5:47:02PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225030-BLK1)

Prepared: 06/15/22 Analyzed: 06/20/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			

LCS (2225030-BS2)

Prepared: 06/15/22 Analyzed: 06/20/22

Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	70-130			

LCS Dup (2225030-BSD2)

Prepared: 06/15/22 Analyzed: 06/20/22

Gasoline Range Organics (C6-C10)	44.1	20.0	50.0		88.3	70-130	3.14	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.3	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 5:47:02PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225031-BLK1)

Prepared: 06/15/22 Analyzed: 06/20/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			

LCS (2225031-BS2)

Prepared: 06/15/22 Analyzed: 06/20/22

Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	70-130			

LCS Dup (2225031-BSD2)

Prepared: 06/15/22 Analyzed: 06/20/22

Gasoline Range Organics (C6-C10)	44.1	20.0	50.0		88.3	70-130	3.14	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.3	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 5:47:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225027-BLK1)

Prepared: 06/14/22 Analyzed: 06/16/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	43.5		50.0		86.9	50-200			

LCS (2225027-BS1)

Prepared: 06/14/22 Analyzed: 06/16/22

Diesel Range Organics (C10-C28)	485	25.0	500		97.0	38-132			
Surrogate: <i>n</i> -Nonane	43.8		50.0		87.5	50-200			

Matrix Spike (2225027-MS1)

Source: E206081-23

Prepared: 06/14/22 Analyzed: 06/16/22

Diesel Range Organics (C10-C28)	479	25.0	500	ND	95.7	38-132			
Surrogate: <i>n</i> -Nonane	42.2		50.0		84.5	50-200			

Matrix Spike Dup (2225027-MSD1)

Source: E206081-23

Prepared: 06/14/22 Analyzed: 06/16/22

Diesel Range Organics (C10-C28)	490	25.0	500	ND	98.0	38-132	2.31	20	
Surrogate: <i>n</i> -Nonane	44.3		50.0		88.6	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 5:47:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225051-BLK1)

Prepared: 06/15/22 Analyzed: 06/20/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	52.1		50.0		104	50-200			

LCS (2225051-BS1)

Prepared: 06/15/22 Analyzed: 06/20/22

Diesel Range Organics (C10-C28)	475	25.0	500		95.1	38-132			
Surrogate: <i>n</i> -Nonane	50.6		50.0		101	50-200			

Matrix Spike (2225051-MS1)

Source: E206081-09

Prepared: 06/15/22 Analyzed: 06/20/22

Diesel Range Organics (C10-C28)	606	25.0	500	369	47.5	38-132			
Surrogate: <i>n</i> -Nonane	45.2		50.0		90.4	50-200			

Matrix Spike Dup (2225051-MSD1)

Source: E206081-09

Prepared: 06/15/22 Analyzed: 06/20/22

Diesel Range Organics (C10-C28)	737	25.0	500	369	73.6	38-132	19.4	20	
Surrogate: <i>n</i> -Nonane	55.8		50.0		112	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 5:47:02PM

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 (2225046-BLK1)					Prepared: 06/15/22 Analyzed: 06/17/22				
Chloride	ND	20.0							
LCS (2225046-BS1)					Prepared: 06/15/22 Analyzed: 06/20/22				
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2225046-MS1)					Source: E206081-01		Prepared: 06/15/22 Analyzed: 06/17/22		
Chloride	711	20.0	250	445	106	80-120			
Matrix Spike Dup (2225046-MSD1)					Source: E206081-01		Prepared: 06/15/22 Analyzed: 06/17/22		
Chloride	719	20.0	250	445	109	80-120	1.05	20	



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 5:47:02PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225055-BLK1)

Prepared: 06/16/22 Analyzed: 06/16/22

Chloride	ND	20.0							
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LCS (2225055-BS1)

Prepared: 06/16/22 Analyzed: 06/16/22

Chloride	243	20.0	250		97.1	90-110			
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Matrix Spike (2225055-MS1)

Source: E206081-21

Prepared: 06/16/22 Analyzed: 06/16/22

Chloride	4340	400	250	3530	325	80-120			M4
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Matrix Spike Dup (2225055-MSD1)

Source: E206081-21

Prepared: 06/16/22 Analyzed: 06/16/22

Chloride	4320	400	250	3530	316	80-120	0.528	20	M4
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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:	Gates AAC	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	06/20/22 17:47

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.



Project Information

Chain of Custody

Page 1 of 1

Client: <u>EOG (Asher)</u>				Bill To				Lab Use Only				TAT				EPA Program					
Project: <u>Eates AAC</u>				Attention: <u>EOG</u>				Lab WO# <u>E200081</u>				Job Number <u>190340001</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Monica Peppin</u>				Address: <u>on file</u>				Analysis and Method													
Address: <u>on file</u>				City, State, Zip																	
City, State, Zip				Phone:																	
Phone:				Email:																	
Email: <u>mpeppin@vertex.ca</u>				Report due by:																	
				<u>205032</u>																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH by 418.1	BDOC NM	BDOC TX								
9:00	6/9	Soil	1 403 jar	WS22-08 0-4'	1	✓	✓			✓	✓										
10:00				BS22-119 4'	2																
10:05				BS22-120 4'	3																
10:10				BS22-121 4'	4																
10:15				BS22-122 4'	5																
10:20				BS22-123 4'	6																
10:25				BS22-124 4'	7																
10:30				BS22-125 4'	8																
10:35				BS22-126 4'	9																
10:40				BS22-127 4'	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: <u>Sally Carttar</u>												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		Lab Use Only									
<u>Sally Carttar</u>		<u>6/9/22</u>		<u>5:13 pm</u>		<u>Leanne Marshall</u>		<u>6-10-22</u>		<u>11:15 A</u>		Received on ice: <u>Y</u> N									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 T2 T3									
<u>Leanne Marshall</u>		<u>6-10-22</u>		<u>4:15p</u>		<u>Leanne Marshall</u>		<u>6/14/22</u>		<u>12:15</u>											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C <u>4</u>									
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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Project Information

Chain of Custody

Page 2 of 3

Client: <u>EOG (Asher)</u>				Bill To				Lab Use Only				TAT				EPA Program											
Project: <u>Cates AAC</u>				Attention: <u>EOG</u>				Lab WO# <u>E200081</u>				Job Number <u>190340001</u>				1D	2D	3D	Standard	CWA	SDWA						
Project Manager: <u>Monica Peppin</u>				Address: <u>on file</u>				Analysis and Method																			
Address: <u>on file</u>				City, State, Zip																				RCRA			
City, State, Zip				Phone:																State							
Phone:				Email:																NM				CO	UT	AZ	TX
Email: <u>mpeppin@vertex.ca</u>																											
Report due by:																											

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	by 8015	by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH by 418.1	BDOC NM	BDOC TX	Remarks
10:45	6/9	Soil	1 4oz jar	BS22-128	4'	11	✓	✓		✓	✓			
10:50				BS22-129	4'	12								
10:55				BS22-130	4'	13								
11:00				BS22-131	4'	14								
11:05				BS22-132	4'	15								
11:10				BS22-133	4'	16								
11:15				BS22-134	4'	17								
11:20				BS22-135	4'	18								
11:25				BS22-136	4'	19								
11:30				BS22-137	4'	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: Sally Carttar

Relinquished by: (Signature) Sally Carttar Date 6/9/22 Time 5:12 pm Received by: (Signature) Leanne Marsh Date 6/10/22 Time 11:15 AM

Relinquished by: (Signature) Leanne Marsh Date 6/10/22 Time 4:15 PM Received by: (Signature) Leanne Marsh Date 6/17/22 Time 12:15

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: 6/15/2022 2:37:53PM

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:	06/14/22 12:15	Work Order ID:	E206081
Phone:	(575) 748-4217	Date Logged In:	06/14/22 12:14	Logged In By:	Alexa Michaels
Email:	mpeppin@vertex.ca	Due Date:	06/17/22 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPS**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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gates AAC

Work Order: E206082

Job Number: 19034-0001

Received: 6/14/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/21/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/21/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: Gates AAC
Workorder: E206082
Date Received: 6/14/2022 12:40:00PM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/14/2022 12:40:00PM, under the Project Name: Gates AAC.

The analytical test results summarized in this report with the Project Name: Gates AAC 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 regarding 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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Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 06/21/22 14:12
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS22-95 4'	E206082-01A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-96 4'	E206082-02A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-97 4'	E206082-03A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-98 4'	E206082-04A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-99 4'	E206082-05A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-100 4'	E206082-06A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-101 4'	E206082-07A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-102 4'	E206082-08A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-103 4'	E206082-09A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-104 4'	E206082-10A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/21/2022 2:12:21PM
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BS22-95 4'

E206082-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2225045	
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: Bromofluorobenzene</i>	92.8 %	70-130		06/15/22	06/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	97.7 %	70-130		06/15/22	06/19/22	
<i>Surrogate: Toluene-d8</i>	90.9 %	70-130		06/15/22	06/19/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2225045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: Bromofluorobenzene</i>	92.8 %	70-130		06/15/22	06/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	97.7 %	70-130		06/15/22	06/19/22	
<i>Surrogate: Toluene-d8</i>	90.9 %	70-130		06/15/22	06/19/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2225052	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
<i>Surrogate: n-Nonane</i>	90.6 %	50-200		06/17/22	06/20/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2225035	
Chloride	359	100	5	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 2:12:21PM

BS22-96 4'

E206082-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	91.1 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	91.1 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	89.0 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	233	200	10	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 2:12:21PM

BS22-97 4'

E206082-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	91.8 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	90.4 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	91.8 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	90.4 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	97.1 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	ND	200	10	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 2:12:21PM

BS22-98 4'

E206082-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	92.1 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	90.5 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	92.1 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	90.5 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	110 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	184	40.0	2	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 2:12:21PM

BS22-99 4'

E206082-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene		109 %	70-130	06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/15/22	06/19/22	
Surrogate: Toluene-d8		111 %	70-130	06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene		109 %	70-130	06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/15/22	06/19/22	
Surrogate: Toluene-d8		111 %	70-130	06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane		101 %	50-200	06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	349	200	10	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 2:12:21PM

BS22-100 4'

E206082-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	79.8 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	91.1 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	79.8 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	91.1 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	105 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	742	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 2:12:21PM

BS22-101 4'

E206082-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene		123 %	70-130	06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	06/15/22	06/19/22	
Surrogate: Toluene-d8		121 %	70-130	06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene		123 %	70-130	06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	06/15/22	06/19/22	
Surrogate: Toluene-d8		121 %	70-130	06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane		102 %	50-200	06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	2560	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 2:12:21PM

BS22-102 4'

E206082-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	86.3 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	92.2 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	86.3 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	92.2 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	36.5	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	106 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	1460	100	5	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 2:12:21PM

BS22-103 4'

E206082-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Benzene	ND	0.0500	2	06/15/22	06/21/22	
Ethylbenzene	ND	0.0500	2	06/15/22	06/21/22	
Toluene	ND	0.0500	2	06/15/22	06/21/22	
o-Xylene	ND	0.0500	2	06/15/22	06/21/22	
p,m-Xylene	ND	0.100	2	06/15/22	06/21/22	
Total Xylenes	ND	0.0500	2	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene	98.0 %	70-130		06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/15/22	06/21/22	
Surrogate: Toluene-d8	97.8 %	70-130		06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Gasoline Range Organics (C6-C10)	ND	40.0	2	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene	98.0 %	70-130		06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/15/22	06/21/22	
Surrogate: Toluene-d8	97.8 %	70-130		06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	104 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	1210	200	10	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 2:12:21PM

BS22-104 4'

E206082-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Benzene	ND	0.0250	1	06/15/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/21/22	
Toluene	ND	0.0250	1	06/15/22	06/21/22	
o-Xylene	ND	0.0250	1	06/15/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/15/22	06/21/22	
Surrogate: Toluene-d8	97.8 %	70-130		06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/15/22	06/21/22	
Surrogate: Toluene-d8	97.8 %	70-130		06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	41.4	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	105 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	882	400	20	06/15/22	06/17/22	



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/21/2022 2:12:21PM

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 (2225045-BLK1)

Prepared: 06/15/22 Analyzed: 06/18/22

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	0.462		0.500		92.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.451		0.500		90.1	70-130			

LCS (2225045-BS1)

Prepared: 06/15/22 Analyzed: 06/19/22

Benzene	2.60	0.0250	2.50		104	70-130			
Ethylbenzene	2.64	0.0250	2.50		106	70-130			
Toluene	2.61	0.0250	2.50		104	70-130			
o-Xylene	2.79	0.0250	2.50		112	70-130			
p,m-Xylene	5.52	0.0500	5.00		110	70-130			
Total Xylenes	8.31	0.0250	7.50		111	70-130			
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			

LCS Dup (2225045-BSD1)

Prepared: 06/15/22 Analyzed: 06/19/22

Benzene	2.56	0.0250	2.50		102	70-130	1.65	23	
Ethylbenzene	2.57	0.0250	2.50		103	70-130	2.69	27	
Toluene	2.52	0.0250	2.50		101	70-130	3.69	24	
o-Xylene	2.74	0.0250	2.50		110	70-130	1.88	27	
p,m-Xylene	5.41	0.0500	5.00		108	70-130	2.00	27	
Total Xylenes	8.15	0.0250	7.50		109	70-130	1.96	27	
Surrogate: Bromofluorobenzene	0.479		0.500		95.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/21/2022 2:12:21PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225045-BLK1)

Prepared: 06/15/22 Analyzed: 06/18/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.462		0.500		92.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.451		0.500		90.1	70-130			

LCS (2225045-BS2)

Prepared: 06/15/22 Analyzed: 06/19/22

Gasoline Range Organics (C6-C10)	40.8	20.0	50.0		81.6	70-130			
Surrogate: Bromofluorobenzene	0.468		0.500		93.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.480		0.500		96.0	70-130			

LCS Dup (2225045-BSD2)

Prepared: 06/15/22 Analyzed: 06/19/22

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0		90.1	70-130	9.89	20	
Surrogate: Bromofluorobenzene	0.451		0.500		90.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.5	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/21/2022 2:12:21PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225052-BLK1)

Prepared: 06/17/22 Analyzed: 06/20/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.9		50.0		87.8	50-200			

LCS (2225052-BS1)

Prepared: 06/17/22 Analyzed: 06/20/22

Diesel Range Organics (C10-C28)	478	25.0	500		95.5	38-132			
Surrogate: n-Nonane	47.2		50.0		94.5	50-200			

Matrix Spike (2225052-MS1)

Source: E206084-07

Prepared: 06/17/22 Analyzed: 06/20/22

Diesel Range Organics (C10-C28)	456	25.0	500	ND	91.3	38-132			
Surrogate: n-Nonane	46.6		50.0		93.2	50-200			

Matrix Spike Dup (2225052-MSD1)

Source: E206084-07

Prepared: 06/17/22 Analyzed: 06/20/22

Diesel Range Organics (C10-C28)	450	25.0	500	ND	89.9	38-132	1.45	20	
Surrogate: n-Nonane	46.4		50.0		92.9	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/21/2022 2:12:21PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225035-BLK1)

Prepared: 06/15/22 Analyzed: 06/17/22

Chloride	ND	20.0							
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LCS (2225035-BS1)

Prepared: 06/15/22 Analyzed: 06/17/22

Chloride	257	20.0	250		103	90-110			
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Matrix Spike (2225035-MS1)

Source: E206082-01

Prepared: 06/15/22 Analyzed: 06/17/22

Chloride	574	100	250	359	86.0	80-120			
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Matrix Spike Dup (2225035-MSD1)

Source: E206082-01

Prepared: 06/15/22 Analyzed: 06/17/22

Chloride	599	100	250	359	96.2	80-120	4.35	20	
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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:	Gates AAC	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	06/21/22 14:12

- 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.

Client: EOG (Asher)Project: Eates AACSampler: Sally Carttar and Fernando Rodriguez

Phone:

Email(s): mpeppin@vertex.caProject Manager: Monica Peppin

RUSH?

☐ 1d☐ 3d

Lab Use Only		Analysis and Method								Lab Only	
Lab WO#		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0					Lab Number	Correct Cont/Prsrv (s)
Job Number											
PE206082											
19034-0001											
Page 1 of 1											

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0							Lab Number	Correct Cont/Prsrv (s)
BS22-95 4'	6/8	11:30	soil	1 4oz jar /ice	✓	✓	✓	✓							1	
BS22-96 4'	6/8	11:35													2	
BS22-97 4'		11:40													3	
BS22-98 4'		11:45													4	
BS22-99 4'		11:50													5	
BS22-100 4'		11:55													6	
BS22-101 4'		12:00													7	
BS22-102 4'		12:05													8	
BS22-103 4'		12:10													9	
BS22-104 4'		12:15													10	

Relinquished by: (Signature) <u>Sally Carttar</u>	Date <u>6/8/22</u>	Time <u>5:06p</u>	Received by: (Signature) <u>Fernando Rodriguez</u>	Date <u>6-10-22</u>	Time <u>11:20p</u>	Lab Use Only	
Relinquished by: (Signature) <u>Fernando Rodriguez</u>	Date <u>6-10-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>Alien</u>	Date <u>6/14/22</u>	Time <u>12:40</u>	**Received on Ice <input checked="" type="checkbox"/> Y/ N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>	

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

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

direct bill EOG



5796 US Highway 64, Farmington, NM 87401

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Page 20 of 21

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fx (800) 362-1879

 envirotech-inc.com
 laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/15/2022 2:36:26PM

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:	06/14/22 12:40	Work Order ID:	E206082
Phone:	(575) 748-4217	Date Logged In:	06/14/22 12:39	Logged In By:	Alexa Michaels
Email:	mpeppin@vertex.ca	Due Date:	06/17/22 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPS**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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gates AAC

Work Order: E206083

Job Number: 19034-0001

Received: 6/14/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/21/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/21/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: Gates AAC
Workorder: E206083
Date Received: 6/14/2022 12:45:00PM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/14/2022 12:45:00PM, under the Project Name: Gates AAC.

The analytical test results summarized in this report with the Project Name: Gates AAC 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 regarding 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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Sample Summary

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	06/21/22 15:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS22-115 4'	E206083-01A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-116 4'	E206083-02A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-117 4'	E206083-03A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-118 4'	E206083-04A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/21/2022 3:09:21PM
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BS22-115 4'

E206083-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2225045	
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
<i>Surrogate: Bromofluorobenzene</i>	73.4 %	70-130		06/15/22	06/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	93.3 %	70-130		06/15/22	06/19/22	
<i>Surrogate: Toluene-d8</i>	70.1 %	70-130		06/15/22	06/19/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2225045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
<i>Surrogate: Bromofluorobenzene</i>	73.4 %	70-130		06/15/22	06/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	93.3 %	70-130		06/15/22	06/19/22	
<i>Surrogate: Toluene-d8</i>	70.1 %	70-130		06/15/22	06/19/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2225027	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/16/22	
<i>Surrogate: n-Nonane</i>	90.8 %	50-200		06/14/22	06/16/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2225036	
Chloride	389	40.0	2	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 3:09:21PM

BS22-116 4'

E206083-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	85.1 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	117 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	66.7 %	70-130		06/15/22	06/19/22	S3
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	85.1 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	117 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	66.7 %	70-130		06/15/22	06/19/22	S3
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225027
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/16/22	
Surrogate: n-Nonane	91.5 %	50-200		06/14/22	06/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225036
Chloride	654	40.0	2	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 3:09:21PM

BS22-117 4'

E206083-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Benzene	ND	0.0250	1	06/15/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/21/22	
Toluene	ND	0.0250	1	06/15/22	06/21/22	
o-Xylene	ND	0.0250	1	06/15/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/15/22	06/21/22	
Surrogate: Toluene-d8	96.3 %	70-130		06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/15/22	06/21/22	
Surrogate: Toluene-d8	96.3 %	70-130		06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225027
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/16/22	
Surrogate: n-Nonane	89.6 %	50-200		06/14/22	06/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225036
Chloride	655	40.0	2	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 3:09:21PM

BS22-118 4'

E206083-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	84.5 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	82.8 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225045
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	84.5 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	82.8 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225027
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/16/22	
Surrogate: n-Nonane	86.6 %	50-200		06/14/22	06/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225036
Chloride	1870	100	5	06/15/22	06/17/22	



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/21/2022 3:09:21PM

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 (2225045-BLK1)

Prepared: 06/15/22 Analyzed: 06/18/22

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	0.462		0.500		92.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.451		0.500		90.1	70-130			

LCS (2225045-BS1)

Prepared: 06/15/22 Analyzed: 06/19/22

Benzene	2.60	0.0250	2.50		104	70-130			
Ethylbenzene	2.64	0.0250	2.50		106	70-130			
Toluene	2.61	0.0250	2.50		104	70-130			
o-Xylene	2.79	0.0250	2.50		112	70-130			
p,m-Xylene	5.52	0.0500	5.00		110	70-130			
Total Xylenes	8.31	0.0250	7.50		111	70-130			
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			

LCS Dup (2225045-BSD1)

Prepared: 06/15/22 Analyzed: 06/19/22

Benzene	2.56	0.0250	2.50		102	70-130	1.65	23	
Ethylbenzene	2.57	0.0250	2.50		103	70-130	2.69	27	
Toluene	2.52	0.0250	2.50		101	70-130	3.69	24	
o-Xylene	2.74	0.0250	2.50		110	70-130	1.88	27	
p,m-Xylene	5.41	0.0500	5.00		108	70-130	2.00	27	
Total Xylenes	8.15	0.0250	7.50		109	70-130	1.96	27	
Surrogate: Bromofluorobenzene	0.479		0.500		95.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/21/2022 3:09:21PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225045-BLK1)

Prepared: 06/15/22 Analyzed: 06/18/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.462		0.500		92.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.451		0.500		90.1	70-130			

LCS (2225045-BS2)

Prepared: 06/15/22 Analyzed: 06/19/22

Gasoline Range Organics (C6-C10)	40.8	20.0	50.0		81.6	70-130			
Surrogate: Bromofluorobenzene	0.468		0.500		93.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.480		0.500		96.0	70-130			

LCS Dup (2225045-BSD2)

Prepared: 06/15/22 Analyzed: 06/19/22

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0		90.1	70-130	9.89	20	
Surrogate: Bromofluorobenzene	0.451		0.500		90.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.5	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/21/2022 3:09:21PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225027-BLK1)

Prepared: 06/14/22 Analyzed: 06/16/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.5		50.0		86.9	50-200			

LCS (2225027-BS1)

Prepared: 06/14/22 Analyzed: 06/16/22

Diesel Range Organics (C10-C28)	485	25.0	500		97.0	38-132			
Surrogate: n-Nonane	43.8		50.0		87.5	50-200			

Matrix Spike (2225027-MS1)

Source: E206081-23

Prepared: 06/14/22 Analyzed: 06/16/22

Diesel Range Organics (C10-C28)	479	25.0	500	ND	95.7	38-132			
Surrogate: n-Nonane	42.2		50.0		84.5	50-200			

Matrix Spike Dup (2225027-MSD1)

Source: E206081-23

Prepared: 06/14/22 Analyzed: 06/16/22

Diesel Range Organics (C10-C28)	490	25.0	500	ND	98.0	38-132	2.31	20	
Surrogate: n-Nonane	44.3		50.0		88.6	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/21/2022 3:09:21PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225036-BLK1)

Prepared: 06/15/22 Analyzed: 06/16/22

Chloride ND 20.0

LCS (2225036-BS1)

Prepared: 06/15/22 Analyzed: 06/16/22

Chloride 245 20.0 250 97.9 90-110

Matrix Spike (2225036-MS1)

Source: E206077-01

Prepared: 06/15/22 Analyzed: 06/16/22

Chloride 265 20.0 250 ND 106 80-120

Matrix Spike Dup (2225036-MSD1)

Source: E206077-01

Prepared: 06/15/22 Analyzed: 06/16/22

Chloride 265 20.0 250 ND 106 80-120 0.113 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:	Gates AAC	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	06/21/22 15:09

S3 Surrogate spike recovery was outside acceptance limits. 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.



Client: EOG (Asher)
 Project: Gates AAC
 Sampler: S Carttar, F Rodriguez
 Phone: _____
 Email(s): mpeppin@vertex.ca
 Project Manager: Monica Peppin

RUSH?

☐ 1d
☐ 3d

Lab Use Only		Analysis and Method								Lab Only	
Lab WO#		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0						N/A (s)
Job Number											
PE206083											
19034-0001											
Page 1 of 1											

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0							Lab Number	Correct Cont/Prsrv
BS22-115 4'	6/8	1:50	Soil	1 4oz jar/ ice	✓	✓	✓	✓							1	
BS22-116 4'		1:55													2	
BS22-117 4'		2:00													3	
BS22-118 4'		2:05													4	

Relinquished by: (Signature) <u>Sally Carttar</u>	Date <u>6/8/22</u>	Time <u>5:07 p</u>	Received by: (Signature) <u>F Rodriguez</u>	Date <u>6-10-22</u>	Time <u>11:15</u>	Lab Use Only					
Relinquished by: (Signature) <u>F Rodriguez</u>	Date <u>6-10-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>Monica Peppin</u>	Date <u>6/14/22</u>	Time <u>12:45</u>	**Received on Ice Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C _____					

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area. Chain of Custody

Notes/Billing info:
direct bill EOG



5796 US Highway 64, Farmington, NM 87401

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Page 14 of 15

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fx (800) 362-1879

 envirotech-inc.com
 laboratory@envirotech-inc.com

2-2

Envirotech Analytical Laboratory

Printed: 6/15/2022 2:07:24PM

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:	06/14/22 12:45	Work Order ID:	E206083
Phone:	(575) 748-4217	Date Logged In:	06/14/22 12:44	Logged In By:	Alexa Michaels
Email:	mpeppin@vertex.ca	Due Date:	06/17/22 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gates AAC

Work Order: E206084

Job Number: 19034-0001

Received: 6/14/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/21/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/21/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: Gates AAC
Workorder: E206084
Date Received: 6/14/2022 12:48:00PM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/14/2022 12:48:00PM, under the Project Name: Gates AAC.

The analytical test results summarized in this report with the Project Name: Gates AAC 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 regarding 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
Sample Custody Officer
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ljjarboe@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 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 06/21/22 17:45
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS22-105 4'	E206084-01A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-106 4'	E206084-02A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-107 4'	E206084-03A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-108 4'	E206084-04A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-109 4'	E206084-05A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-110 4'	E206084-06A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-111 4'	E206084-07A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-112 4'	E206084-08A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-113 4'	E206084-09A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.
BS22-114 4'	E206084-10A	Soil	06/08/22	06/14/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/21/2022 5:45:47PM
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BS22-105 4'

E206084-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Benzene	ND	0.0250	1	06/15/22	06/19/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/19/22	
Toluene	ND	0.0250	1	06/15/22	06/19/22	
o-Xylene	ND	0.0250	1	06/15/22	06/19/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/19/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	110 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	101 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/19/22	
Surrogate: Bromofluorobenzene	110 %	70-130		06/15/22	06/19/22	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		06/15/22	06/19/22	
Surrogate: Toluene-d8	101 %	70-130		06/15/22	06/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	27.3	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	95.3 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	816	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 5:45:47PM

BS22-106 4'

E206084-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Benzene	ND	0.0250	1	06/15/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/20/22	
Toluene	ND	0.0250	1	06/15/22	06/20/22	
o-Xylene	ND	0.0250	1	06/15/22	06/20/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/20/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/15/22	06/20/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/15/22	06/20/22	
Surrogate: Toluene-d8	97.2 %	70-130		06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/20/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/15/22	06/20/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/15/22	06/20/22	
Surrogate: Toluene-d8	97.2 %	70-130		06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	98.8 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	749	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 5:45:47PM

BS22-107 4'

E206084-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Benzene	ND	0.0250	1	06/15/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/20/22	
Toluene	ND	0.0250	1	06/15/22	06/20/22	
o-Xylene	ND	0.0250	1	06/15/22	06/20/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/20/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		06/15/22	06/20/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/15/22	06/20/22	
Surrogate: Toluene-d8	96.5 %	70-130		06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/20/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		06/15/22	06/20/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/15/22	06/20/22	
Surrogate: Toluene-d8	96.5 %	70-130		06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	29.0	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	99.7 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	1150	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 5:45:47PM

BS22-108 4'

E206084-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Benzene	ND	0.0250	1	06/15/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/20/22	
Toluene	ND	0.0250	1	06/15/22	06/20/22	
o-Xylene	ND	0.0250	1	06/15/22	06/20/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/20/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		06/15/22	06/20/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/15/22	06/20/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/20/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		06/15/22	06/20/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/15/22	06/20/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	28.1	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	96.3 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	1350	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 5:45:47PM

BS22-109 4'

E206084-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Benzene	ND	0.0250	1	06/15/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/20/22	
Toluene	ND	0.0250	1	06/15/22	06/20/22	
o-Xylene	ND	0.0250	1	06/15/22	06/20/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/20/22	
Surrogate: Bromofluorobenzene		101 %	70-130	06/15/22	06/20/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	06/15/22	06/20/22	
Surrogate: Toluene-d8		97.4 %	70-130	06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/20/22	
Surrogate: Bromofluorobenzene		101 %	70-130	06/15/22	06/20/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	06/15/22	06/20/22	
Surrogate: Toluene-d8		97.4 %	70-130	06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	193	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane		108 %	50-200	06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	1980	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 5:45:47PM

BS22-110 4'

E206084-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Benzene	ND	0.0250	1	06/15/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/20/22	
Toluene	ND	0.0250	1	06/15/22	06/20/22	
o-Xylene	ND	0.0250	1	06/15/22	06/20/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/20/22	
Surrogate: Bromofluorobenzene		102 %	70-130	06/15/22	06/20/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	06/15/22	06/20/22	
Surrogate: Toluene-d8		95.1 %	70-130	06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/20/22	
Surrogate: Bromofluorobenzene		102 %	70-130	06/15/22	06/20/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	06/15/22	06/20/22	
Surrogate: Toluene-d8		95.1 %	70-130	06/15/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	1260	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane		111 %	50-200	06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	1460	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 5:45:47PM

BS22-111 4'

E206084-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Benzene	ND	0.0250	1	06/15/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/21/22	
Toluene	ND	0.0250	1	06/15/22	06/21/22	
o-Xylene	ND	0.0250	1	06/15/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene		102 %	70-130	06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/15/22	06/21/22	
Surrogate: Toluene-d8		96.4 %	70-130	06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene		102 %	70-130	06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/15/22	06/21/22	
Surrogate: Toluene-d8		96.4 %	70-130	06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane		87.1 %	50-200	06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	964	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 5:45:47PM

BS22-112 4'

E206084-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Benzene	ND	0.0250	1	06/15/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/21/22	
Toluene	ND	0.0250	1	06/15/22	06/21/22	
o-Xylene	ND	0.0250	1	06/15/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/15/22	06/21/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/15/22	06/21/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	106 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	394	200	10	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 5:45:47PM

BS22-113 4'

E206084-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Benzene	ND	0.0250	1	06/15/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/21/22	
Toluene	ND	0.0250	1	06/15/22	06/21/22	
o-Xylene	ND	0.0250	1	06/15/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/15/22	06/21/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/15/22	06/21/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	107 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	331	200	10	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/21/2022 5:45:47PM

BS22-114 4'

E206084-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Benzene	ND	0.0250	1	06/15/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/21/22	
Toluene	ND	0.0250	1	06/15/22	06/21/22	
o-Xylene	ND	0.0250	1	06/15/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/15/22	06/21/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2225049
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/21/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/15/22	06/21/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/15/22	06/21/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/15/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225052
Diesel Range Organics (C10-C28)	32.1	25.0	1	06/17/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/20/22	
Surrogate: n-Nonane	106 %	50-200		06/17/22	06/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225035
Chloride	984	100	5	06/15/22	06/17/22	



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/21/2022 5:45:47PM

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 (2225049-BLK1)

Prepared: 06/15/22 Analyzed: 06/20/22

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		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.7	70-130			

LCS (2225049-BS1)

Prepared: 06/15/22 Analyzed: 06/20/22

Benzene	2.42	0.0250	2.50		96.7	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.5	70-130			
Toluene	2.38	0.0250	2.50		95.4	70-130			
o-Xylene	2.47	0.0250	2.50		98.7	70-130			
p,m-Xylene	4.86	0.0500	5.00		97.2	70-130			
Total Xylenes	7.33	0.0250	7.50		97.7	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

LCS Dup (2225049-BSD1)

Prepared: 06/15/22 Analyzed: 06/20/22

Benzene	2.40	0.0250	2.50		95.8	70-130	0.852	23	
Ethylbenzene	2.41	0.0250	2.50		96.3	70-130	0.249	27	
Toluene	2.37	0.0250	2.50		94.7	70-130	0.737	24	
o-Xylene	2.48	0.0250	2.50		99.2	70-130	0.485	27	
p,m-Xylene	4.85	0.0500	5.00		97.0	70-130	0.124	27	
Total Xylenes	7.33	0.0250	7.50		97.8	70-130	0.0819	27	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			



QC Summary Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/21/2022 5:45:47PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225049-BLK1)

Prepared: 06/15/22 Analyzed: 06/20/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.7	70-130			

LCS (2225049-BS2)

Prepared: 06/15/22 Analyzed: 06/19/22

Gasoline Range Organics (C6-C10)	39.5	20.0	50.0		79.0	70-130			
Surrogate: Bromofluorobenzene	0.405		0.500		81.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.384		0.500		76.8	70-130			

LCS Dup (2225049-BSD2)

Prepared: 06/15/22 Analyzed: 06/19/22

Gasoline Range Organics (C6-C10)	37.7	20.0	50.0		75.4	70-130	4.71	20	
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.569		0.500		114	70-130			



QC Summary Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Project Number: Project Manager:	Gates AAC 19034-0001 Monica Peppin	Reported: 6/21/2022 5:45:47PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225052-BLK1)

Prepared: 06/17/22 Analyzed: 06/20/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	43.9		50.0		87.8	50-200			

LCS (2225052-BS1)

Prepared: 06/17/22 Analyzed: 06/20/22

Diesel Range Organics (C10-C28)	478	25.0	500		95.5	38-132			
Surrogate: <i>n</i> -Nonane	47.2		50.0		94.5	50-200			

Matrix Spike (2225052-MS1)

Source: E206084-07

Prepared: 06/17/22 Analyzed: 06/20/22

Diesel Range Organics (C10-C28)	456	25.0	500	ND	91.3	38-132			
Surrogate: <i>n</i> -Nonane	46.6		50.0		93.2	50-200			

Matrix Spike Dup (2225052-MSD1)

Source: E206084-07

Prepared: 06/17/22 Analyzed: 06/20/22

Diesel Range Organics (C10-C28)	450	25.0	500	ND	89.9	38-132	1.45	20	
Surrogate: <i>n</i> -Nonane	46.4		50.0		92.9	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/21/2022 5:45:47PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225035-BLK1)

Prepared: 06/15/22 Analyzed: 06/17/22

Chloride	ND	20.0
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LCS (2225035-BS1)

Prepared: 06/15/22 Analyzed: 06/17/22

Chloride	257	20.0	250	103	90-110
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Matrix Spike (2225035-MS1)

Source: E206082-01

Prepared: 06/15/22 Analyzed: 06/17/22

Chloride	574	100	250	359	86.0	80-120
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Matrix Spike Dup (2225035-MSD1)

Source: E206082-01

Prepared: 06/15/22 Analyzed: 06/17/22

Chloride	599	100	250	359	96.2	80-120	4.35	20
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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:	Gates AAC	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	06/21/22 17:45

- 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.

Client: EOG (Asher)Project: Gates AACSampler: S Cartlar, F Rodriguez

Phone: _____

Email(s): mpeppin@vertex.caProject Manager: Monica Peppin

RUSH?

☐ 1d☐ 3d

Lab Use Only

Lab WO#

PE200084

Job Number

19034-0001

Analysis and Method

Lab Only

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0							Lab Number	Correct Cont/Prsrv Y/N
BS22-105	4'	6/8	1:00	Soil	1 403 jar / ice	✓	✓	✓	✓						1	
BS22-106	4'		1:05												2	
BS22-107	4'		1:10												3	
BS22-108	4'		1:15												4	
BS22-109	4'		1:20												5	
BS22-110	4'		1:25												6	
BS22-111	4'		1:30												7	
BS22-112	4'		1:35												8	
BS22-113	4'		1:40												9	
BS22-114	4'		1:45												10	

Relinquished by: (Signature) <u>Sally Cartlar</u>	Date <u>6/8/22</u>	Time <u>5:07p</u>	Received by: (Signature) <u>Monica Peppin</u>	Date <u>6-10-22</u>	Time <u>11:15</u>	Lab Use Only	
Relinquished by: (Signature) <u>Monica Peppin</u>	Date <u>6-10-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>Monica Peppin</u>	Date <u>6/14/22</u>	Time <u>12:48</u>	**Received on Ice <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>	

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:
direct bill EOG



5796 US Highway 64, Farmington, NM 87401

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Page 20 of 21

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fx (800) 362-1879

envirotech-inc.com
laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/15/2022 2:03:36PM

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:	06/14/22 00:00	Work Order ID:	E206084
Phone:	(575) 748-4217	Date Logged In:	06/14/22 12:47	Logged In By:	Alexa Michaels
Email:	mpeppin@vertex.ca	Due Date:	06/17/22 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPS**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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gates AAC

Work Order: E206086

Job Number: 19034-0001

Received: 6/14/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/20/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/20/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: Gates AAC
Workorder: E206086
Date Received: 6/14/2022 1:00:00PM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/14/2022 1:00:00PM, under the Project Name: Gates AAC.

The analytical test results summarized in this report with the Project Name: Gates AAC 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 regarding 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 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 06/20/22 14:52
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS22-141 4'	E206086-01A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.
BS22-142 4'	E206086-02A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.
BS22-143 4'	E206086-03A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.
BS22-144 4'	E206086-04A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.
BS22-145 4'	E206086-05A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.
BS22-146 4'	E206086-06A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.
BS22-147 4'	E206086-07A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.
BS22-148 4'	E206086-08A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.
BS22-149 4'	E206086-09A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.
BS22-150	E206086-10A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/20/2022 2:52:32PM
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BS22-141 4'

E206086-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2225050	
Benzene	ND	0.0250	1	06/15/22	06/17/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/17/22	
Toluene	ND	0.0250	1	06/15/22	06/17/22	
o-Xylene	ND	0.0250	1	06/15/22	06/17/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/17/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.5 %	70-130		06/15/22	06/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2225050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.0 %	70-130		06/15/22	06/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2225083	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/18/22	
<i>Surrogate: n-Nonane</i>	98.6 %	50-200		06/17/22	06/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2225047	
Chloride	1910	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 2:52:32PM

BS22-142 4'

E206086-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2225050	
Benzene	ND	0.0250	1	06/15/22	06/18/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/18/22	
Toluene	ND	0.0250	1	06/15/22	06/18/22	
o-Xylene	ND	0.0250	1	06/15/22	06/18/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/18/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	89.9 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2225050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.4 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2225083	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/18/22	
<i>Surrogate: n-Nonane</i>	98.6 %	50-200		06/17/22	06/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2225047	
Chloride	1920	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 2:52:32PM

BS22-143 4'

E206086-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Benzene	ND	0.0250	1	06/15/22	06/18/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/18/22	
Toluene	ND	0.0250	1	06/15/22	06/18/22	
o-Xylene	ND	0.0250	1	06/15/22	06/18/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/18/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2225083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/18/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/17/22	06/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225047
Chloride	1010	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 2:52:32PM

BS22-144 4'

E206086-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Benzene	ND	0.0250	1	06/15/22	06/18/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/18/22	
Toluene	ND	0.0250	1	06/15/22	06/18/22	
o-Xylene	ND	0.0250	1	06/15/22	06/18/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/18/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2225083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/18/22	
<i>Surrogate: n-Nonane</i>						
	96.8 %	50-200		06/17/22	06/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225047
Chloride	2000	200	10	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 2:52:32PM

BS22-145 4'

E206086-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Benzene	ND	0.0250	1	06/15/22	06/18/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/18/22	
Toluene	ND	0.0250	1	06/15/22	06/18/22	
o-Xylene	ND	0.0250	1	06/15/22	06/18/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/18/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.2 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2225083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/18/22	
<i>Surrogate: n-Nonane</i>						
	99.5 %	50-200		06/17/22	06/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225047
Chloride	2940	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 2:52:32PM

BS22-146 4'

E206086-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Benzene	ND	0.0250	1	06/15/22	06/18/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/18/22	
Toluene	ND	0.0250	1	06/15/22	06/18/22	
o-Xylene	ND	0.0250	1	06/15/22	06/18/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/18/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2225083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/18/22	
<i>Surrogate: n-Nonane</i>						
	96.8 %	50-200		06/17/22	06/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225047
Chloride	869	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 2:52:32PM

BS22-147 4'

E206086-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Benzene	ND	0.0250	1	06/15/22	06/18/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/18/22	
Toluene	ND	0.0250	1	06/15/22	06/18/22	
o-Xylene	ND	0.0250	1	06/15/22	06/18/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/18/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.7 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2225083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/18/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/17/22	06/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225047
Chloride	2780	400	20	06/15/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 2:52:32PM

BS22-148 4'

E206086-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Benzene	ND	0.0250	1	06/15/22	06/18/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/18/22	
Toluene	ND	0.0250	1	06/15/22	06/18/22	
o-Xylene	ND	0.0250	1	06/15/22	06/18/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/18/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.9 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2225083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/18/22	
<i>Surrogate: n-Nonane</i>						
	96.3 %	50-200		06/17/22	06/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225047
Chloride	1110	400	20	06/15/22	06/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 2:52:32PM

BS22-149 4'

E206086-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2225050	
Benzene	ND	0.0250	1	06/15/22	06/18/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/18/22	
Toluene	ND	0.0250	1	06/15/22	06/18/22	
o-Xylene	ND	0.0250	1	06/15/22	06/18/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/18/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.1 %	70-130	06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2225050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %	70-130	06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2225083	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/18/22	
<i>Surrogate: n-Nonane</i>		99.9 %	50-200	06/17/22	06/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2225047	
Chloride	2600	200	10	06/15/22	06/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 2:52:32PM

BS22-150

E206086-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Benzene	ND	0.0250	1	06/15/22	06/18/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/18/22	
Toluene	ND	0.0250	1	06/15/22	06/18/22	
o-Xylene	ND	0.0250	1	06/15/22	06/18/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/18/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2225083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/22	06/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/22	06/18/22	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/17/22	06/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2225047
Chloride	1970	200	10	06/15/22	06/18/22	



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported: 6/20/2022 2:52:32PM
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225050-BLK1)

Prepared: 06/15/22 Analyzed: 06/17/22

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	7.37		8.00		92.2	70-130			

LCS (2225050-BS1)

Prepared: 06/15/22 Analyzed: 06/17/22

Benzene	5.12	0.0250	5.00		102	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.7	70-130			
Toluene	4.93	0.0250	5.00		98.5	70-130			
o-Xylene	4.82	0.0250	5.00		96.3	70-130			
p,m-Xylene	9.54	0.0500	10.0		95.4	70-130			
Total Xylenes	14.4	0.0250	15.0		95.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.3	70-130			

LCS Dup (2225050-BSD1)

Prepared: 06/15/22 Analyzed: 06/17/22

Benzene	5.16	0.0250	5.00		103	70-130	0.712	20	
Ethylbenzene	4.68	0.0250	5.00		93.5	70-130	0.927	20	
Toluene	4.97	0.0250	5.00		99.3	70-130	0.798	20	
o-Xylene	4.86	0.0250	5.00		97.1	70-130	0.876	20	
p,m-Xylene	9.63	0.0500	10.0		96.3	70-130	1.02	20	
Total Xylenes	14.5	0.0250	15.0		96.6	70-130	0.971	20	
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.3	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 2:52:32PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225050-BLK1)

Prepared: 06/15/22 Analyzed: 06/17/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			

LCS (2225050-BS2)

Prepared: 06/15/22 Analyzed: 06/17/22

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.4	70-130			

LCS Dup (2225050-BSD2)

Prepared: 06/15/22 Analyzed: 06/17/22

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.6	70-130	3.84	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 2:52:32PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225083-BLK1)

Prepared: 06/17/22 Analyzed: 06/18/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.5		50.0		99.0	50-200			

LCS (2225083-BS1)

Prepared: 06/17/22 Analyzed: 06/18/22

Diesel Range Organics (C10-C28)	484	25.0	500		96.9	38-132			
Surrogate: <i>n</i> -Nonane	49.1		50.0		98.1	50-200			

Matrix Spike (2225083-MS1)

Source: E206086-03

Prepared: 06/17/22 Analyzed: 06/18/22

Diesel Range Organics (C10-C28)	529	25.0	500	ND	106	38-132			
Surrogate: <i>n</i> -Nonane	51.6		50.0		103	50-200			

Matrix Spike Dup (2225083-MSD1)

Source: E206086-03

Prepared: 06/17/22 Analyzed: 06/18/22

Diesel Range Organics (C10-C28)	504	25.0	500	ND	101	38-132	4.91	20	
Surrogate: <i>n</i> -Nonane	49.5		50.0		98.9	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 2:52:32PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225047-BLK1)

Prepared: 06/15/22 Analyzed: 06/17/22

Chloride ND 20.0

LCS (2225047-BS1)

Prepared: 06/15/22 Analyzed: 06/17/22

Chloride 253 20.0 250 101 90-110

Matrix Spike (2225047-MS1)

Source: E206085-01

Prepared: 06/15/22 Analyzed: 06/17/22

Chloride 270 20.0 250 56.2 85.4 80-120

Matrix Spike Dup (2225047-MSD1)

Source: E206085-01

Prepared: 06/15/22 Analyzed: 06/17/22

Chloride 269 20.0 250 56.2 85.1 80-120 0.308 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:	Gates AAC	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	06/20/22 14:52

- 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.



Client: EOG (Asher)Project: Eates AACSampler: Sally Carttar

Phone: _____

Email(s): mpeppin@vertux.caProject Manager: Monica Peppin

RUSH?

☐ 1d☐ 3d

Lab Use Only

Lab WO#

P E206086

Job Number

19034-0001

of _____

Analysis and Method

Lab Only

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0							Lab Number	Correct Cont/Prsrv
BS22-141	4'	6/10	8:45	Soil	1 4oz jar/ ice	✓	✓	✓	✓						1	
BS22-142	4'		8:50												2	
BS22-143	4'		8:55												3	
BS22-144	4'		9:00												4	
BS22-145	4'		9:05												5	
BS22-146	4'		9:10												6	
BS22-147	4'		9:15												7	
BS22-148	4'		9:20												8	
BS22-149	4'		9:25												9	
BS22-150	4'		9:30												10	

Relinquished by: (Signature)

Date

Time

Received by: (Signature)

Date

Time

Lab Use Only

**Received on Ice ☒ Y ☐ N

Relinquished by: (Signature)

Date

Time

Received by: (Signature)

Date

Time

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

direct bill EOG

5796 US Highway 64, Farmington, NM 87401
 Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Page 20 of 21

Ph (505) 632-0615 Fx (505) 632-1865
 Ph (970) 259-0615 Fx (800) 362-1879

envirotech-inc.com
 laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/15/2022 2:00:01PM

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:	06/14/22 13:00	Work Order ID:	E206086
Phone:	(575) 748-4217	Date Logged In:	06/14/22 13:05	Logged In By:	Alexa Michaels
Email:	mpeppin@vertex.ca	Due Date:	06/20/22 17:00 (4 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPS**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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gates AAC

Work Order: E206087

Job Number: 19034-0001

Received: 6/14/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/20/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/20/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: Gates AAC
Workorder: E206087
Date Received: 6/14/2022 1:00:00PM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/14/2022 1:00:00PM, under the Project Name: Gates AAC.

The analytical test results summarized in this report with the Project Name: Gates AAC 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 regarding 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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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 06/20/22 15:09
--	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
WS22-01 0-4'	E206087-01A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.
WS22-09 4-6'	E206087-02A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.
BS22-63 6'	E206087-03A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.
BS22-65 6'	E206087-04A	Soil	06/10/22	06/14/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/20/2022 3:09:32PM
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WS22-01 0-4'

E206087-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2225050	
Benzene	ND	0.0250	1	06/15/22	06/18/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/18/22	
Toluene	ND	0.0250	1	06/15/22	06/18/22	
o-Xylene	ND	0.0250	1	06/15/22	06/18/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/18/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.5 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2225050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.8 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2225039	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/16/22	
<i>Surrogate: n-Nonane</i>	103 %	50-200		06/15/22	06/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2225055	
Chloride	482	100	5	06/16/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 3:09:32PM

WS22-09 4-6'

E206087-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Benzene	ND	0.0250	1	06/15/22	06/18/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/18/22	
Toluene	ND	0.0250	1	06/15/22	06/18/22	
o-Xylene	ND	0.0250	1	06/15/22	06/18/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/18/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.2 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/16/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/15/22	06/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225055
Chloride	4580	1000	50	06/16/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 3:09:32PM

BS22-63 6'

E206087-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Benzene	ND	0.0250	1	06/15/22	06/18/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/18/22	
Toluene	ND	0.0250	1	06/15/22	06/18/22	
o-Xylene	ND	0.0250	1	06/15/22	06/18/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/18/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.2 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/16/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/15/22	06/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225055
Chloride	2610	400	20	06/16/22	06/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/20/2022 3:09:32PM

BS22-65 6'

E206087-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Benzene	ND	0.0250	1	06/15/22	06/18/22	
Ethylbenzene	ND	0.0250	1	06/15/22	06/18/22	
Toluene	ND	0.0250	1	06/15/22	06/18/22	
o-Xylene	ND	0.0250	1	06/15/22	06/18/22	
p,m-Xylene	ND	0.0500	1	06/15/22	06/18/22	
Total Xylenes	ND	0.0250	1	06/15/22	06/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2225050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/22	06/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		06/15/22	06/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2225039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/22	06/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/22	06/16/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/15/22	06/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2225055
Chloride	6520	400	20	06/16/22	06/17/22	



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 3:09:32PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225050-BLK1)

Prepared: 06/15/22 Analyzed: 06/17/22

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	7.37		8.00		92.2	70-130			

LCS (2225050-BS1)

Prepared: 06/15/22 Analyzed: 06/17/22

Benzene	5.12	0.0250	5.00		102	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.7	70-130			
Toluene	4.93	0.0250	5.00		98.5	70-130			
o-Xylene	4.82	0.0250	5.00		96.3	70-130			
p,m-Xylene	9.54	0.0500	10.0		95.4	70-130			
Total Xylenes	14.4	0.0250	15.0		95.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.3	70-130			

LCS Dup (2225050-BSD1)

Prepared: 06/15/22 Analyzed: 06/17/22

Benzene	5.16	0.0250	5.00		103	70-130	0.712	20	
Ethylbenzene	4.68	0.0250	5.00		93.5	70-130	0.927	20	
Toluene	4.97	0.0250	5.00		99.3	70-130	0.798	20	
o-Xylene	4.86	0.0250	5.00		97.1	70-130	0.876	20	
p,m-Xylene	9.63	0.0500	10.0		96.3	70-130	1.02	20	
Total Xylenes	14.5	0.0250	15.0		96.6	70-130	0.971	20	
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.3	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 3:09:32PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225050-BLK1)

Prepared: 06/15/22 Analyzed: 06/17/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			

LCS (2225050-BS2)

Prepared: 06/15/22 Analyzed: 06/17/22

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.4	70-130			

LCS Dup (2225050-BSD2)

Prepared: 06/15/22 Analyzed: 06/17/22

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.6	70-130	3.84	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 3:09:32PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225039-BLK1)

Prepared: 06/15/22 Analyzed: 06/15/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	39.5		50.0		78.9	50-200			

LCS (2225039-BS1)

Prepared: 06/15/22 Analyzed: 06/16/22

Diesel Range Organics (C10-C28)	481	25.0	500		96.3	38-132			
Surrogate: n-Nonane	48.8		50.0		97.7	50-200			

Matrix Spike (2225039-MS1)

Source: E206096-08

Prepared: 06/15/22 Analyzed: 06/16/22

Diesel Range Organics (C10-C28)	480	25.0	500	ND	95.9	38-132			
Surrogate: n-Nonane	49.6		50.0		99.3	50-200			

Matrix Spike Dup (2225039-MSD1)

Source: E206096-08

Prepared: 06/15/22 Analyzed: 06/16/22

Diesel Range Organics (C10-C28)	505	25.0	500	ND	101	38-132	5.14	20	
Surrogate: n-Nonane	49.7		50.0		99.4	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/20/2022 3:09:32PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2225055-BLK1)

Prepared: 06/16/22 Analyzed: 06/16/22

Chloride	ND	20.0
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LCS (2225055-BS1)

Prepared: 06/16/22 Analyzed: 06/16/22

Chloride	243	20.0	250	97.1	90-110
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Matrix Spike (2225055-MS1)

Source: E206081-21

Prepared: 06/16/22 Analyzed: 06/16/22

Chloride	4340	400	250	3530	325	80-120	M4
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Matrix Spike Dup (2225055-MSD1)

Source: E206081-21

Prepared: 06/16/22 Analyzed: 06/16/22

Chloride	4320	400	250	3530	316	80-120	0.528	20	M4
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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:	Gates AAC	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	06/20/22 15:09

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.



Client: EOG (Asher)
 Project: Eates AAC
 Sampler: Sally Carttar
 Phone: _____
 Email(s): mpeppin@vertex.ca
 Project Manager: Monica Peppin

RUSH?

☐ 1d☐ 3d

Lab Use Only		Analysis and Method								Lab Only	
Lab WO#		GRO/DRO by 8015	BTX by 8021	TPH by 418.1	Chloride by 300.0					Lab Number	N/A (s) / Prsrv
Job Number											
PE206087											
19034-0001											

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTX by 8021	TPH by 418.1	Chloride by 300.0							Lab Number	Correct Cont/Prsrv
WS22-01 0-4'	6/10	9:45	Soil	1 4oz jar/ice	✓	✓	✓	✓							1	
WS22-09 4-6'		10:40													2	
BS22-63 6'		10:30													3	
BS22-65 6'		10:35													4	

Relinquished by: (Signature) <u>Sally Carttar</u>	Date <u>6/10</u>	Time <u>4:16p</u>	Received by: (Signature) <u>Monica Peppin</u>	Date <u>6-10</u>	Time <u>11:30</u>	Lab Use Only **Received on Ice <input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature) <u>Ally</u>	Date <u>6/14/22</u>	Time <u>1300</u>	T1	T2	T3	AVG Temp °C <u>4</u>		

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

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:



5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

 envirotech-inc.com
 laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/15/2022 1:58:06PM

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:	06/14/22 13:00	Work Order ID:	E206087
Phone:	(575) 748-4217	Date Logged In:	06/14/22 13:08	Logged In By:	Alexa Michaels
Email:	mpeppin@vertex.ca	Due Date:	06/20/22 17:00 (4 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPS**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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex

Project Name: 22E - 00124 - 02

Work Order: E206105

Job Number: 19034-0001

Received: 6/15/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/21/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/21/22

Monica Peppin
161, 2055 Premier Way
Sherwood Park, AB T8H 0G2



Project Name: 22E - 00124 - 02
Workorder: E206105
Date Received: 6/15/2022 10:10:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/15/2022 10:10:00AM, under the Project Name: 22E - 00124 - 02.

The analytical test results summarized in this report with the Project Name: 22E - 00124 - 02 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 regarding 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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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Vertex	Project Name:	22E - 00124 - 02	Reported: 06/21/22 17:55
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS22 - 155 8'	E206105-01A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 157 8	E206105-02A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 158 8'	E206105-03A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 159 8'	E206105-04A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 160 8'	E206105-05A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 161 8'	E206105-06A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 162 4'	E206105-07A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 163 4'	E206105-08A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 164 4'	E206105-09A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22-165 4'	E206105-10A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 166 4'	E206105-11A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 167 4'	E206105-12A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 168 4'	E206105-13A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 169 4'	E206105-14A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 170 4'	E206105-15A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 171 8'	E206105-16A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22 - 172 8'	E206105-17A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
BS22-173 8'	E206105-18A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
WS22-11 0 - 4'	E206105-19A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E - 00124 - 02 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/21/2022 5:55:19PM
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BS22 - 155 8'

E206105-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2226012
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
o-Xylene	ND	0.0250	1	06/20/22	06/20/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.3 %	70-130		06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226012
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.9 %	70-130		06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226013
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	95.0 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226008
Chloride	2860	400	20	06/20/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E - 00124 - 02 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/21/2022 5:55:19PM
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BS22 - 157 8

E206105-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
o-Xylene	ND	0.0250	1	06/20/22	06/20/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID	89.9 %	70-130		06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.0 %	70-130		06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane	95.9 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	1120	400	20	06/20/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E - 00124 - 02 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/21/2022 5:55:19PM
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BS22 - 158 8'

E206105-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
o-Xylene	ND	0.0250	1	06/20/22	06/20/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.0 %	70-130		06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	42.6	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	57.1	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane	95.1 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	2890	400	20	06/20/22	06/21/22	



Sample Data

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

BS22 - 159 8'

E206105-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
o-Xylene	ND	0.0250	1	06/20/22	06/20/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.5 %	70-130		06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.1 %	70-130		06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	92.8 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	1440	200	10	06/20/22	06/21/22	



Sample Data

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

BS22 - 160 8'

E206105-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.6 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.7 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	94.2 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	2860	200	10	06/20/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E - 00124 - 02 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/21/2022 5:55:19PM
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BS22 - 161 8'

E206105-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.6 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.6 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	91.9 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	1970	400	20	06/20/22	06/21/22	



Sample Data

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

BS22 - 162 4'

E206105-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.8 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.2 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	92.1 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	2250	400	20	06/20/22	06/21/22	



Sample Data

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

BS22 - 163 4'

E206105-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>94.3 %</i>	<i>70-130</i>		<i>06/20/22</i>	<i>06/21/22</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>90.1 %</i>	<i>70-130</i>		<i>06/20/22</i>	<i>06/21/22</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	<i>99.6 %</i>	<i>50-200</i>		<i>06/20/22</i>	<i>06/21/22</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	874	200	10	06/20/22	06/21/22	



Sample Data

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

BS22 - 164 4'

E206105-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.5 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.4 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	98.8 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	1170	400	20	06/20/22	06/21/22	



Sample Data

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

BS22-165 4'

E206105-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.5 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.9 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	102 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	ND	200	10	06/20/22	06/21/22	



Sample Data

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

BS22 - 166 4'

E206105-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.4 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.8 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	104 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	1370	40.0	2	06/20/22	06/21/22	



Sample Data

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

BS22 - 167 4'

E206105-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.9 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.6 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	95.1 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	629	200	10	06/20/22	06/21/22	



Sample Data

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

BS22 - 168 4'

E206105-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.1 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.9 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	99.5 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	494	400	20	06/20/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E - 00124 - 02 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/21/2022 5:55:19PM
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BS22 - 169 4'

E206105-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID	94.1 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.8 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane	100 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	647	400	20	06/20/22	06/21/22	



Sample Data

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

BS22 - 170 4'

E206105-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.2 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.3 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	96.8 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	ND	200	10	06/20/22	06/21/22	



Sample Data

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

BS22 - 171 8'

E206105-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.5 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.3 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	103 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	1190	400	20	06/20/22	06/21/22	



Sample Data

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

BS22 - 172 8'

E206105-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.0 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.0 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	100 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	755	200	10	06/20/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E - 00124 - 02 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/21/2022 5:55:19PM
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BS22-173 8'

E206105-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.0 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.4 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>	102 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	523	100	5	06/20/22	06/21/22	



Sample Data

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

WS22-11 0 - 4'

E206105-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.1 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.2 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226013	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226008	
Chloride	239	20.0	1	06/20/22	06/21/22	



QC Summary Data

Vertex	Project Name:	22E - 00124 - 02	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226012-BLK1)

Prepared: 06/20/22 Analyzed: 06/20/22

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	7.12		8.00		89.0	70-130			

LCS (2226012-BS1)

Prepared: 06/20/22 Analyzed: 06/20/22

Benzene	5.22	0.0250	5.00		104	70-130			
Ethylbenzene	4.74	0.0250	5.00		94.8	70-130			
Toluene	5.03	0.0250	5.00		101	70-130			
o-Xylene	4.91	0.0250	5.00		98.1	70-130			
p,m-Xylene	9.78	0.0500	10.0		97.8	70-130			
Total Xylenes	14.7	0.0250	15.0		97.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			

LCS Dup (2226012-BS1)

Prepared: 06/20/22 Analyzed: 06/20/22

Benzene	5.13	0.0250	5.00		103	70-130	1.71	20	
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130	2.07	20	
Toluene	4.94	0.0250	5.00		98.7	70-130	1.77	20	
o-Xylene	4.83	0.0250	5.00		96.6	70-130	1.58	20	
p,m-Xylene	9.58	0.0500	10.0		95.8	70-130	2.09	20	
Total Xylenes	14.4	0.0250	15.0		96.1	70-130	1.92	20	
Surrogate: 4-Bromochlorobenzene-PID	7.34		8.00		91.7	70-130			



QC Summary Data

Vertex	Project Name:	22E - 00124 - 02	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226012-BLK1)

Prepared: 06/20/22 Analyzed: 06/20/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

LCS (2226012-BS2)

Prepared: 06/20/22 Analyzed: 06/20/22

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			

LCS Dup (2226012-BSD2)

Prepared: 06/20/22 Analyzed: 06/20/22

Gasoline Range Organics (C6-C10)	55.7	20.0	50.0		111	70-130	4.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			



QC Summary Data

Vertex	Project Name:	22E - 00124 - 02	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226013-BLK1)

Prepared: 06/20/22 Analyzed: 06/21/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.6		50.0		85.3	50-200			

LCS (2226013-BS1)

Prepared: 06/20/22 Analyzed: 06/21/22

Diesel Range Organics (C10-C28)	508	25.0	500		102	38-132			
Surrogate: n-Nonane	47.4		50.0		94.8	50-200			

Matrix Spike (2226013-MS1)

Source: E206105-17

Prepared: 06/20/22 Analyzed: 06/21/22

Diesel Range Organics (C10-C28)	526	25.0	500	ND	105	38-132			
Surrogate: n-Nonane	44.8		50.0		89.6	50-200			

Matrix Spike Dup (2226013-MSD1)

Source: E206105-17

Prepared: 06/20/22 Analyzed: 06/21/22

Diesel Range Organics (C10-C28)	526	25.0	500	ND	105	38-132	0.0131	20	
Surrogate: n-Nonane	48.1		50.0		96.3	50-200			



QC Summary Data

Vertex	Project Name:	22E - 00124 - 02	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/21/2022 5:55:19PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226008-BLK1)

Prepared: 06/20/22 Analyzed: 06/21/22

Chloride ND 20.0

LCS (2226008-BS1)

Prepared: 06/20/22 Analyzed: 06/21/22

Chloride 255 20.0 250 102 90-110

Matrix Spike (2226008-MS1)

Source: E206105-01

Prepared: 06/20/22 Analyzed: 06/21/22

Chloride 3010 400 250 2860 62.7 80-120 M4

Matrix Spike Dup (2226008-MSD1)

Source: E206105-01

Prepared: 06/20/22 Analyzed: 06/21/22

Chloride 2940 400 250 2860 33.0 80-120 2.50 20 M4

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

Vertex	Project Name:	22E - 00124 - 02	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	06/21/22 17:55

- 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.



Client: Vertex (Bill to GOG)
 Project: 22E-00124-02
 Sampler: S. Carthar
 Phone: 575-361-3361, 575-361-9880
 Email(s): MLeppan@vertex.com
 Project Manager: Monica Dappin

RUSH?

☐ 1d
☐ 3d

Page

Lab Use Only		Analysis and Method								Lab Only	
Lab WO#		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0					Lab Number	Correct Cont/Prsrv (s)
Job Number											
PE206105											
19034-0001											
1 of 2											

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPEReservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0							Lab Number	Correct Cont/Prsrv (s)
BS22-155 8'	6-13-2022	09:15	Soil	1 4oz Jar	X	X	X	X							1	
BS22-157 8'	6-13-2022	09:20	Soil	1 4oz Jar	X	X	X	X							2	
BS22-158 8'	6-13-2022	09:20	Soil	1 4oz Jar	X	X	X	X							3	
BS22-159 8'		09:30													4	
BS22-160 8'		09:35													5	
BS22-161 8'		09:35													6	
BS22-162 4'		11:35													7	
BS22-163 4'		11:35													8	
BS22-164 4'		11:40													9	
BS22-165 4'		11:40													10	

Relinquished by: (Signature) <u>John P. [Signature]</u>	Date <u>6-14-2022</u>	Time <u>06:30</u>	Received by: (Signature) <u>Lequese Marsh</u>	Date <u>6-14-22</u>	Time <u>12:00</u>	Lab Use Only					
Relinquished by: (Signature) <u>Lequese Marsh</u>	Date <u>6-14-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>Carthar [Signature]</u>	Date <u>6/15/22</u>	Time <u>10:10</u>	**Received on Ice <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>					

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

Bill to GOG, Robert Asher



5796 US Highway 64, Farmington, NM 87401
 Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
 Ph (970) 259-0615 Fx (800) 362-1879

envirotech-inc.com
 laboratory@envirotech-inc.com

Client: Vertex (BNI to EOG)
 Project: 22G-00124-02
 Sampler: S. Carthair
 Phone: 575-361-3561, 575-361-9880
 Email(s): M.Peggin@Vertex.com
 Project Manager: Marion Peggin

RUSH?

☐ 1d
☐ 3d

Lab Use Only		Analysis and Method								Lab Only	
Lab WO#		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0					Lab Number	N/A (s) Correct Cont./Prsrv
Job Number											
PE2006105 19034-0001											
Page 2 of 2											

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0										
BS22-166 BS22-166 4'	6-13-2022	11:45	Soil	1 4oz Jar	X	X	X	X									11	
BS22-167 4'	6-13-2022	11:50	Soil	1 4oz Jar	X	X	X	X									12	
BS22-168 4'	6-13-2022	11:55	Soil	1 4oz Jar	X	X	X	X									13	
BS22-169 4'	6-13-2022	11:55															14	
BS22-170 BS22-170 4'		12:00															15	
BS22-171 8'		12:30															16	
BS22-172 8'		12:35															17	
BS22-173 8'		12:40															18	
WS22-11 0-4'		11:45															19	

Relinquished by: (Signature) <u>J. Sullivan</u>	Date 6-14-2022	Time 06:30	Received by: (Signature) <u>Robert [Signature]</u>	Date 6-14-22	Time 8:00	Lab Use Only	
Relinquished by: (Signature) <u>[Signature]</u>	Date 6-14-22	Time 4:15p	Received by: (Signature) <u>Carthair [Signature]</u>	Date 6/15/22	Time 10:10	**Received on Ice <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA	
**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.							
<input type="checkbox"/> Sample(s) dropped off after hours to a secure drop off area.			Chain of Custody		Notes/Billing info:		



5796 US Highway 64, Farmington, NM 87401
 Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
 Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
 laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/16/2022 3:09:46PM

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: Vertex	Date Received: 06/15/22 10:10	Work Order ID: E206105
Phone: (575) 748-0176	Date Logged In: 06/15/22 12:25	Logged In By: Caitlin Christian
Email: mpeppin@vertex.ca	Due Date: 06/21/22 17:00 (4 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex

Project Name: 22E-00124-02, Gates AAC

Work Order: E206114

Job Number: 19034-0001

Received: 6/16/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/22/22

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Farmington, NM 87401

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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.
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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: 6/22/22

Monica Peppin
161, 2055 Premier Way
Sherwood Park, AB T8H 0G2



Project Name: 22E-00124-02, Gates AAC
Workorder: E206114
Date Received: 6/16/2022 10:00:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/16/2022 10:00:00AM, under the Project Name: 22E-00124-02, Gates AAC.

The analytical test results summarized in this report with the Project Name: 22E-00124-02, Gates AAC 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 regarding 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

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	06/22/22 13:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
WS22-10 4 - 10'	E206114-01A	Soil	06/14/22	06/16/22	Glass Jar, 4 oz.
WS22-12 8 - 20'	E206114-02A	Soil	06/14/22	06/16/22	Glass Jar, 4 oz.
WS22-13 6 - 20'	E206114-03A	Soil	06/14/22	06/16/22	Glass Jar, 4 oz.
WS22-14 6 - 20'	E206114-04A	Soil	06/14/22	06/16/22	Glass Jar, 4 oz.
WS22-15 10 - 20'	E206114-05A	Soil	06/14/22	06/16/22	Glass Jar, 4 oz.
WS22-17 6 - 20'	E206114-06A	Soil	06/14/22	06/16/22	Glass Jar, 4 oz.
WS22-18 4 - 8'	E206114-07A	Soil	06/14/22	06/16/22	Glass Jar, 4 oz.
WS22-19 8 - 20'	E206114-08A	Soil	06/14/22	06/16/22	Glass Jar, 4 oz.
WS22-20 0 - 8'	E206114-09A	Soil	06/14/22	06/16/22	Glass Jar, 4 oz.
WS22- 21 8 - 20'	E206114-10A	Soil	06/14/22	06/16/22	Glass Jar, 4 oz.
WS22-22 8 - 20'	E206114-11A	Soil	06/14/22	06/16/22	Glass Jar, 4 oz.
WS22-23 0 - 8'	E206114-12A	Soil	06/14/22	06/16/22	Glass Jar, 4 oz.



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/22/2022 1:01:11PM
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WS22-10 4 - 10'

E206114-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.3 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.0 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/21/22	
<i>Surrogate: n-Nonane</i>	118 %	50-200		06/21/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226028	
Chloride	870	400	20	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/22/2022 1:01:11PM
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WS22-12 8 - 20'

E206114-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID	94.3 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.4 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/21/22	
Surrogate: n-Nonane	117 %	50-200		06/21/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226028	
Chloride	2790	40.0	2	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/22/2022 1:01:11PM
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WS22-13 6 - 20'

E206114-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.8 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.2 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/21/22	
<i>Surrogate: n-Nonane</i>	123 %	50-200		06/21/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226028	
Chloride	6090	100	5	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/22/2022 1:01:11PM
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WS22-14 6 - 20'

E206114-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.1 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.3 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/21/22	
<i>Surrogate: n-Nonane</i>	116 %	50-200		06/21/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226028	
Chloride	5120	100	5	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/22/2022 1:01:11PM
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WS22-15 10 - 20'

E206114-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID	93.3 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.6 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/21/22	
Surrogate: n-Nonane	116 %	50-200		06/21/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226028	
Chloride	3930	40.0	2	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/22/2022 1:01:11PM
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WS22-17 6- 20'

E206114-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID	92.2 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.0 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane	114 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226028	
Chloride	202	20.0	1	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/22/2022 1:01:11PM
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WS22-18 4 - 8'

E206114-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.5 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.6 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	114 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226028	
Chloride	1420	400	20	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/22/2022 1:01:11PM
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WS22-19 8 - 20'

E206114-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID	92.5 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.2 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane	121 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226028	
Chloride	453	40.0	2	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/22/2022 1:01:11PM
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WS22-20 0 - 8'

E206114-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>92.1 %</i>	<i>70-130</i>		<i>06/20/22</i>	<i>06/21/22</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>91.0 %</i>	<i>70-130</i>		<i>06/20/22</i>	<i>06/21/22</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	<i>124 %</i>	<i>50-200</i>		<i>06/21/22</i>	<i>06/22/22</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226028	
Chloride	346	200	10	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/22/2022 1:01:11PM
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WS22- 21 8 - 20'

E206114-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID	85.1 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.4 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane	118 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226028	
Chloride	705	40.0	2	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/22/2022 1:01:11PM
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WS22-22 8 - 20'

E206114-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	84.4 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.4 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	122 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226028	
Chloride	1000	200	10	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/22/2022 1:01:11PM
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WS22-23 0 - 8'

E206114-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID	84.0 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.3 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226041	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane	117 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226028	
Chloride	861	400	20	06/21/22	06/21/22	



QC Summary Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/22/2022 1:01:11PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226023-BLK1)

Prepared: 06/20/22 Analyzed: 06/21/22

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	7.31		8.00		91.4	70-130			

LCS (2226023-BS1)

Prepared: 06/20/22 Analyzed: 06/21/22

Benzene	5.05	0.0250	5.00		101	70-130			
Ethylbenzene	4.58	0.0250	5.00		91.7	70-130			
Toluene	4.86	0.0250	5.00		97.3	70-130			
o-Xylene	4.75	0.0250	5.00		95.0	70-130			
p,m-Xylene	9.44	0.0500	10.0		94.4	70-130			
Total Xylenes	14.2	0.0250	15.0		94.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.2	70-130			

LCS Dup (2226023-BSD1)

Prepared: 06/20/22 Analyzed: 06/21/22

Benzene	5.21	0.0250	5.00		104	70-130	3.06	20	
Ethylbenzene	4.73	0.0250	5.00		94.5	70-130	3.06	20	
Toluene	5.01	0.0250	5.00		100	70-130	3.03	20	
o-Xylene	4.90	0.0250	5.00		97.9	70-130	3.02	20	
p,m-Xylene	9.72	0.0500	10.0		97.2	70-130	2.93	20	
Total Xylenes	14.6	0.0250	15.0		97.4	70-130	2.96	20	
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			



QC Summary Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/22/2022 1:01:11PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226023-BLK1) Prepared: 06/20/22 Analyzed: 06/21/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			

LCS (2226023-BS2) Prepared: 06/20/22 Analyzed: 06/21/22

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			

LCS Dup (2226023-BSD2) Prepared: 06/20/22 Analyzed: 06/21/22

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0		102	70-130	3.45	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			



QC Summary Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/22/2022 1:01:11PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226041-BLK1)

Prepared: 06/21/22 Analyzed: 06/21/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	61.1		50.0		122	50-200			

LCS (2226041-BS1)

Prepared: 06/21/22 Analyzed: 06/21/22

Diesel Range Organics (C10-C28)	479	25.0	500		95.9	38-132			
Surrogate: <i>n</i> -Nonane	56.9		50.0		114	50-200			

Matrix Spike (2226041-MS1)

Source: E206114-10

Prepared: 06/21/22 Analyzed: 06/21/22

Diesel Range Organics (C10-C28)	483	25.0	500	ND	96.6	38-132			
Surrogate: <i>n</i> -Nonane	61.1		50.0		122	50-200			

Matrix Spike Dup (2226041-MSD1)

Source: E206114-10

Prepared: 06/21/22 Analyzed: 06/21/22

Diesel Range Organics (C10-C28)	516	25.0	500	ND	103	38-132	6.71	20	
Surrogate: <i>n</i> -Nonane	57.5		50.0		115	50-200			



QC Summary Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/22/2022 1:01:11PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226028-BLK1)					Prepared: 06/21/22 Analyzed: 06/21/22				
Chloride	ND	20.0							
LCS (2226028-BS1)					Prepared: 06/21/22 Analyzed: 06/21/22				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2226028-MS1)					Source: E206113-01		Prepared: 06/21/22 Analyzed: 06/21/22		
Chloride	265	20.0	250	ND	106	80-120			
Matrix Spike Dup (2226028-MSD1)					Source: E206113-01		Prepared: 06/21/22 Analyzed: 06/21/22		
Chloride	252	20.0	250	ND	101	80-120	5.04	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

Vertex	Project Name:	22E-00124-02, Gates AAC	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	06/22/22 13:01

- 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.



Client: ~~Verde~~ Verdex (Bill to GOG)
 Project: 226-00124-02, Ganges AAC
 Sampler: S. Carthair
 Phone: 575-361-3561, 575-361-9880
 Email(s): M.Reppin@verdex.com
 Project Manager: Monica Reppin

RUSH?

☐ 1d
☐ 3d

Lab Use Only		Analysis and Method								Lab Only	
Lab WO#		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0					Lab Number	N/A (s)
Job Number											
PE206114											
19034-0001											
Page 1 of 2											

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0						Lab Number	Correct Cont/Prsrv
WS22-10 4-10'	6-14-2022	12:05	Soil	1 4oz Jar	X	X	X	X						1	
WS22-12 8-20'	6-14-2022	13:00	Soil	1 4oz Jar	X	X	X	X						2	
WS22-13 6-20'	6-14-2022	13:05	Soil	1 4oz Jar	X	X	X	X						3	
WS22-14 6-20'		08:30												4	
WS22-15 10-20'		12:40												5	
WS22-17 6-20'		12:55												6	
WS22-18 4-8'		12:55												7	
WS22-19 8-20'		13:10												8	
WS22-20 0-8'		13:15												9	
WS22-21 8-20'		13:15												10	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<i>[Signature]</i>	6-13-2022	06:30	<i>[Signature]</i>	6/15/22	1:15	**Received on Ice <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
<i>[Signature]</i>	6/15/22	4:15	<i>[Signature]</i>	6/16/22	10:00	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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

Bill to GOG, Robert Asher



5796 US Highway 64, Farmington, NM 87401
 Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
 Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
 laboratory@envirotech-inc.com

Client: Vortex (Bill to EOG)
 Project: 22E-00124-02, Gates AAC
 Sampler: S. Carttar
 Phone: 575-361-3561, 575-361-9880
 Email(s): M Peppin@vortex.ca
 Project Manager: Monica Peppin

RUSH?

☐ 1d
☐ 3d

Lab Use Only		Analysis and Method								lab Only		
Lab WO#		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0						Lab Number	Correct Cont/Prsrv
Job Number												
PE206114												
19034-0001												
2 of 2												

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0												
WS22-22 8-20'		13:20	Soil	1 Jar 4oz																
WS22-22 8-20'	6-15-2022	13:20	Soil	1 Jar 4oz	X	X	X													11
WS22-23 0-8'	6-15-2022	13:20	Soil	1 4oz Jar	X	X	X	X												12

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>6-15-2022</u>	Time <u>06:30</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>6-15-22</u>	Time <u>1:45</u>	Lab Use Only	
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>6-15-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>6/16/22</u>	Time <u>10:00</u>	**Received on Ice <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>	

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area. Chain of Custody

Notes/Billing info:
Bill to EOG, Robert Asher



5796 US Highway 64, Farmington, NM 87401
 Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
 Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
 laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/16/2022 12:31:12PM

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: Vertex	Date Received: 06/16/22 10:00	Work Order ID: E206114
Phone: (575) 748-0176	Date Logged In: 06/16/22 10:51	Logged In By: Caitlin Christian
Email: mpeppin@vertex.ca	Due Date: 06/22/22 17:00 (4 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex

Project Name: 22E-00124-02, Gates AAC

Work Order: E206132

Job Number: 19034-0001

Received: 6/17/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/24/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/24/22

Monica Peppin
161, 2055 Premier Way
Sherwood Park, AB T8H 0G2



Project Name: 22E-00124-02, Gates AAC
Workorder: E206132
Date Received: 6/17/2022 10:00:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/17/2022 10:00:00AM, under the Project Name: 22E-00124-02, Gates AAC.

The analytical test results summarized in this report with the Project Name: 22E-00124-02, Gates AAC 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 regarding 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

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Sample Summary

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	06/24/22 11:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS22-174 20'	E206132-01A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-175 20'	E206132-02A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-176 20'	E206132-03A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-177 20'	E206132-04A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-178 20'	E206132-05A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-179 20'	E206132-06A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-180 20'	E206132-07A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-181 20'	E206132-08A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-182 20'	E206132-09A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-183 20'	E206132-10A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-184 20'	E206132-11A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-185 20'	E206132-12A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-151 10'	E206132-13A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-152 10'	E206132-14A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-153 10'	E206132-15A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-154 10'	E206132-16A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22-156 10'	E206132-17A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
BS22- 44 10'	E206132-18A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
WS22-16 0-10'	E206132-19A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
WS22-24 0-10'	E206132-20A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
WS22-25 6-10'	E206132-21A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
WS22-26 4-8'	E206132-22A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
WS22-27 4-8'	E206132-23A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
WS22-28 8-10'	E206132-24A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.
WS22-29 4-10'	E206132-25A	Soil	06/15/22	06/17/22	Glass Jar, 4 oz.



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-174 20'

E206132-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	91.9 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.5 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/21/22	
<i>Surrogate: n-Nonane</i>	111 %	50-200		06/21/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	2480	100	5	06/21/22	06/22/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-175 20'

E206132-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	89.9 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.9 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/21/22	
<i>Surrogate: n-Nonane</i>	106 %	50-200		06/21/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	1960	100	5	06/21/22	06/22/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-176 20'

E206132-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.3 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.6 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/21/22	
<i>Surrogate: n-Nonane</i>	107 %	50-200		06/21/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	2310	40.0	2	06/21/22	06/22/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-177 20'

E206132-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.4 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.2 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/21/22	
<i>Surrogate: n-Nonane</i>	108 %	50-200		06/21/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	1670	100	5	06/21/22	06/22/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-178 20'

E206132-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.5 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.0 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/21/22	
<i>Surrogate: n-Nonane</i>	107 %	50-200		06/21/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	1170	40.0	2	06/21/22	06/22/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-179 20'

E206132-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.9 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.9 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/21/22	
<i>Surrogate: n-Nonane</i>	108 %	50-200		06/21/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	1360	100	5	06/21/22	06/22/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-180 20'

E206132-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.4 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.3 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/21/22	
<i>Surrogate: n-Nonane</i>	107 %	50-200		06/21/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	1460	100	5	06/21/22	06/23/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-181 20'

E206132-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.5 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.7 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	108 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	1850	100	5	06/21/22	06/23/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-182 20'

E206132-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.5 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.2 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	107 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	1130	40.0	2	06/21/22	06/23/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-183 20'

E206132-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
Surrogate: 4-Bromochlorobenzene-PID	92.5 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.8 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane	107 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	1460	40.0	2	06/21/22	06/23/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-184 20'

E206132-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>94.1 %</i>	<i>70-130</i>		<i>06/21/22</i>	<i>06/22/22</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>90.4 %</i>	<i>70-130</i>		<i>06/21/22</i>	<i>06/22/22</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	53.2	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	<i>108 %</i>	<i>50-200</i>		<i>06/21/22</i>	<i>06/22/22</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	2110	40.0	2	06/21/22	06/23/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-185 20'

E206132-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.1 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	631	20.0	1	06/21/22	06/23/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-151 10'

E206132-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.8 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.0 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	112 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	1860	20.0	1	06/21/22	06/23/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-152 10'

E206132-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2226033
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.9 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2226033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.6 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2226029
Chloride	1490	20.0	1	06/21/22	06/23/22	



Sample Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported: 6/24/2022 11:40:31AM
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	

BS22-153 10'

E206132-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.3 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	284	20.0	1	06/21/22	06/23/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-154 10'

E206132-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2226033
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.8 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2226033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.9 %	70-130	06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>		102 %	50-200	06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2226029
Chloride	944	20.0	1	06/21/22	06/23/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22-156 10'

E206132-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.7 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.5 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	110 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	259	20.0	1	06/21/22	06/23/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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BS22- 44 10'

E206132-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>91.8 %</i>	<i>70-130</i>		<i>06/21/22</i>	<i>06/22/22</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>90.3 %</i>	<i>70-130</i>		<i>06/21/22</i>	<i>06/22/22</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	<i>111 %</i>	<i>50-200</i>		<i>06/21/22</i>	<i>06/22/22</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	8960	400	20	06/21/22	06/23/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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WS22-16 0-10'

E206132-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.4 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.1 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	108 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	8250	400	20	06/21/22	06/23/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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WS22-24 0-10'

E206132-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Benzene	ND	0.0250	1	06/21/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/22/22	
Toluene	ND	0.0250	1	06/21/22	06/22/22	
o-Xylene	ND	0.0250	1	06/21/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.8 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.1 %	70-130		06/21/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	110 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226029	
Chloride	6160	400	20	06/21/22	06/23/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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WS22-25 6-10'

E206132-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226031	
Benzene	ND	0.0250	1	06/21/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/21/22	
Toluene	ND	0.0250	1	06/21/22	06/21/22	
o-Xylene	ND	0.0250	1	06/21/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.0 %	70-130	06/21/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.0 %	70-130	06/21/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226044	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>		118 %	50-200	06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226028	
Chloride	1310	400	20	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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WS22-26 4-8'

E206132-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226031	
Benzene	ND	0.0250	1	06/21/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/21/22	
Toluene	ND	0.0250	1	06/21/22	06/21/22	
o-Xylene	ND	0.0250	1	06/21/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	91.9 %	70-130		06/21/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.6 %	70-130		06/21/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226044	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	118 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226028	
Chloride	1210	400	20	06/21/22	06/21/22	



Sample Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported: 6/24/2022 11:40:31AM
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	

WS22-27 4-8'

E206132-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226031	
Benzene	ND	0.0250	1	06/21/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/21/22	
Toluene	ND	0.0250	1	06/21/22	06/21/22	
o-Xylene	ND	0.0250	1	06/21/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.0 %	70-130		06/21/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.8 %	70-130		06/21/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226044	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	117 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226028	
Chloride	1650	400	20	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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WS22-28 8-10'

E206132-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226031	
Benzene	ND	0.0250	1	06/21/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/21/22	
Toluene	ND	0.0250	1	06/21/22	06/21/22	
o-Xylene	ND	0.0250	1	06/21/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.8 %	70-130		06/21/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.7 %	70-130		06/21/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226044	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	124 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226028	
Chloride	614	20.0	1	06/21/22	06/21/22	



Sample Data

Vertex 161, 2055 Premier Way Sherwood Park AB, T8H 0G2	Project Name: 22E-00124-02, Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/24/2022 11:40:31AM
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WS22-29 4-10'

E206132-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226031	
Benzene	ND	0.0250	1	06/21/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/21/22	
Toluene	ND	0.0250	1	06/21/22	06/21/22	
o-Xylene	ND	0.0250	1	06/21/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/21/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.4 %	70-130		06/21/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/21/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.8 %	70-130		06/21/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226044	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
<i>Surrogate: n-Nonane</i>	119 %	50-200		06/21/22	06/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2226028	
Chloride	1070	100	5	06/21/22	06/21/22	



QC Summary Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/24/2022 11:40:31AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226031-BLK1)

Prepared: 06/21/22 Analyzed: 06/22/22

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	7.15		8.00		89.4	70-130			

LCS (2226031-BS1)

Prepared: 06/21/22 Analyzed: 06/22/22

Benzene	5.25	0.0250	5.00		105	70-130			
Ethylbenzene	4.76	0.0250	5.00		95.1	70-130			
Toluene	5.05	0.0250	5.00		101	70-130			
o-Xylene	4.94	0.0250	5.00		98.7	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.7	0.0250	15.0		98.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.7	70-130			

LCS Dup (2226031-BSD1)

Prepared: 06/21/22 Analyzed: 06/22/22

Benzene	5.27	0.0250	5.00		105	70-130	0.343	20	
Ethylbenzene	4.79	0.0250	5.00		95.8	70-130	0.683	20	
Toluene	5.08	0.0250	5.00		102	70-130	0.510	20	
o-Xylene	4.96	0.0250	5.00		99.3	70-130	0.549	20	
p,m-Xylene	9.87	0.0500	10.0		98.7	70-130	0.693	20	
Total Xylenes	14.8	0.0250	15.0		98.9	70-130	0.645	20	
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.4	70-130			



QC Summary Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/24/2022 11:40:31AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226033-BLK1)

Prepared: 06/21/22 Analyzed: 06/22/22

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	7.18		8.00		89.7	70-130			

LCS (2226033-BS1)

Prepared: 06/21/22 Analyzed: 06/22/22

Benzene	5.40	0.0250	5.00		108	70-130			
Ethylbenzene	5.33	0.0250	5.00		107	70-130			
Toluene	5.71	0.0250	5.00		114	70-130			
o-Xylene	5.25	0.0250	5.00		105	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.1	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.6	70-130			

LCS Dup (2226033-BSD1)

Prepared: 06/21/22 Analyzed: 06/22/22

Benzene	5.34	0.0250	5.00		107	70-130	1.14	20	
Ethylbenzene	5.29	0.0250	5.00		106	70-130	0.746	20	
Toluene	5.63	0.0250	5.00		113	70-130	1.42	20	
o-Xylene	5.22	0.0250	5.00		104	70-130	0.586	20	
p,m-Xylene	10.7	0.0500	10.0		107	70-130	0.910	20	
Total Xylenes	15.9	0.0250	15.0		106	70-130	0.804	20	
Surrogate: 4-Bromochlorobenzene-PID	7.27		8.00		90.9	70-130			



QC Summary Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/24/2022 11:40:31AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226031-BLK1)

Prepared: 06/21/22 Analyzed: 06/22/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			

LCS (2226031-BS2)

Prepared: 06/21/22 Analyzed: 06/22/22

Gasoline Range Organics (C6-C10)	55.2	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	70-130			

LCS Dup (2226031-BSD2)

Prepared: 06/21/22 Analyzed: 06/22/22

Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		99.9	70-130	9.98	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			



QC Summary Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/24/2022 11:40:31AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226033-BLK1)

Prepared: 06/21/22 Analyzed: 06/22/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.91		8.00		86.4	70-130			

LCS (2226033-BS2)

Prepared: 06/21/22 Analyzed: 06/22/22

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.10		8.00		88.7	70-130			

LCS Dup (2226033-BSD2)

Prepared: 06/21/22 Analyzed: 06/22/22

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.3	70-130	0.133	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			



QC Summary Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/24/2022 11:40:31AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226044-BLK1)

Prepared: 06/21/22 Analyzed: 06/22/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	64.3		50.0		129	50-200			

LCS (2226044-BS1)

Prepared: 06/21/22 Analyzed: 06/22/22

Diesel Range Organics (C10-C28)	504	25.0	500		101	38-132			
Surrogate: n-Nonane	58.6		50.0		117	50-200			

Matrix Spike (2226044-MS1)

Source: E206132-25

Prepared: 06/21/22 Analyzed: 06/22/22

Diesel Range Organics (C10-C28)	520	25.0	500	ND	104	38-132			
Surrogate: n-Nonane	64.7		50.0		129	50-200			

Matrix Spike Dup (2226044-MSD1)

Source: E206132-25

Prepared: 06/21/22 Analyzed: 06/22/22

Diesel Range Organics (C10-C28)	529	25.0	500	ND	106	38-132	1.79	20	
Surrogate: n-Nonane	55.5		50.0		111	50-200			



QC Summary Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/24/2022 11:40:31AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226046-BLK1)

Prepared: 06/21/22 Analyzed: 06/21/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.2		50.0		108	50-200			

LCS (2226046-BS1)

Prepared: 06/21/22 Analyzed: 06/21/22

Diesel Range Organics (C10-C28)	493	25.0	500		98.7	38-132			
Surrogate: n-Nonane	52.5		50.0		105	50-200			

Matrix Spike (2226046-MS1)

Source: E206132-08

Prepared: 06/21/22 Analyzed: 06/21/22

Diesel Range Organics (C10-C28)	493	25.0	500	ND	98.6	38-132			
Surrogate: n-Nonane	54.7		50.0		109	50-200			

Matrix Spike Dup (2226046-MSD1)

Source: E206132-08

Prepared: 06/21/22 Analyzed: 06/21/22

Diesel Range Organics (C10-C28)	500	25.0	500	ND	100	38-132	1.42	20	
Surrogate: n-Nonane	55.0		50.0		110	50-200			



QC Summary Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/24/2022 11:40:31AM

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 (2226028-BLK1)					Prepared: 06/21/22 Analyzed: 06/21/22				
Chloride	ND	20.0							
LCS (2226028-BS1)					Prepared: 06/21/22 Analyzed: 06/21/22				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2226028-MS1)					Source: E206113-01		Prepared: 06/21/22 Analyzed: 06/21/22		
Chloride	265	20.0	250	ND	106	80-120			
Matrix Spike Dup (2226028-MSD1)					Source: E206113-01		Prepared: 06/21/22 Analyzed: 06/21/22		
Chloride	252	20.0	250	ND	101	80-120	5.04	20	



QC Summary Data

Vertex	Project Name:	22E-00124-02, Gates AAC	Reported:
161, 2055 Premier Way	Project Number:	19034-0001	
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	6/24/2022 11:40:31AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226029-BLK1)					Prepared: 06/21/22 Analyzed: 06/22/22				
Chloride	ND	20.0							
LCS (2226029-BS1)					Prepared: 06/21/22 Analyzed: 06/22/22				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2226029-MS1)					Source: E206132-01		Prepared: 06/21/22 Analyzed: 06/22/22		
Chloride	2790	100	250	2480	124	80-120			M2
Matrix Spike Dup (2226029-MSD1)					Source: E206132-01		Prepared: 06/21/22 Analyzed: 06/22/22		
Chloride	2740	100	250	2480	103	80-120	1.90	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

Vertex	Project Name:	22E-00124-02, Gates AAC	
161, 2055 Premier Way	Project Number:	19034-0001	Reported:
Sherwood Park AB, T8H 0G2	Project Manager:	Monica Peppin	06/24/22 11:40

- 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.



Client: Vertex (BML to EOG)
 Project: 22 G-00124-02, Gates AAC
 Sampler: S. Carthor
 Phone: 575-361-3361, 575-361-9880
 Email(s): M.Reppin@Vertex.com
 Project Manager: Monica Reppin

RUSH?

☐ 1d
☐ 3d

Page

Lab Use Only		Analysis and Method								Lab Only		
Lab WO#		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0						Lab Number	N/Y (s) Correct Cont/Prsrv
Job Number												
E206132												
19034-0001												
1 of 3												

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0												
B822-174 20'	6-15-2022	07:15	Soil	1 4oz Jar	X	X	X	X												1
B822-175 20'	6-15-2022	07:15	Soil	1 4oz Jar	X	X	X	X												2
B822-176 20'	6-15-2022	07:20	Soil	1 4oz Jar	X	X	X	X												3
B822-177 20'		07:20																		4
B822-178 20'		07:25																		5
B822-179 20'		07:25																		6
B822-180 20'		07:30																		7
B822-181 20'		07:30																		8
B822-182 20'		07:35																		9
B822-183 20'		07:35																		10

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<i>J. Carthor</i>	6-16-2022	06:30	<i>Requise</i>	6-16-22	3:30	**Received on Ice <input checked="" type="checkbox"/> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
<i>Requise</i>	6-16-22	2:15	<i>Carthor</i>	6/17/22	10:00	AVG Temp °C <u>4</u>

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

**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.

<input type="checkbox"/> Sample(s) dropped off after hours to a secure drop off area.	Chain of Custody	Notes/Billing info:
		BML to EOG, Robert Asher



5796 US Highway 64, Farmington, NM 87401
 Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

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 Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
 laboratory@envirotech-inc.com

Client: Vortex (Bill to GOG)
 Project: 226-00124-02, Gates AAC
 Sampler: S. Carrion
 Phone: 575-361-3561, 575-361-9880
 Email(s): MLeppin@vortex.ca
 Project Manager: Marcia Leppin

RUSH?

☐ 1d
☐ 3d

Page 2 of 3

Lab Use Only		Analysis and Method								lab Only	
Lab WO#		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0					Lab Number	N/ Y (s) Prsrv
Job Number											
PE200132											
19034-0001											
Containers											
QTY - Vol/TYPE/Preservative											
1 4oz Jar		X	X	X	X					11	
1 4oz Jar		X	X	X	X					12	
1 4oz Jar		X	X	X	X					13	
										14	
										15	
										16	
										17	
										18	

Sample ID	Sample Date	Sample Time	Matrix
BS22-184 20'	6-15-2022	07:40	Soil
BS22-185 20'	6-15-2022	07:40	Soil
BS22-181 10'	6-15-2022	13:40	Soil
BS22-182 10'		11:20	
BS22-183 10'		11:15	
BS22-184 10'		11:10	
BS22-186 10'		11:00	
BS22-44 10'		14:10	

Relinquished by: (Signature) <u>Lake Pullman</u>	Date <u>6-16-2022</u>	Time <u>06:30</u>	Received by: (Signature) <u>Josue Mora</u>	Date <u>6-16-2022</u>	Time <u>2:45</u>	Lab Use Only	
Relinquished by: (Signature) <u>Josue Mora</u>	Date <u>6-16-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>Carla Chata</u>	Date <u>6/17/22</u>	Time <u>10:00</u>	**Received on Ice <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>	

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

Bill to GOG, Robert Asher



5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Page 41 of 43

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

 envirotech-inc.com
 laboratory@envirotech-inc.com

Client: Vertex (B-N to GOG)
 Project: 22E-00124-02, Gages AAC
 Sampler: S. Cantor
 Phone: 575-361-3561, 575-361-9880
 Email(s): M. Peppin@vertex.com
 Project Manager: Monica Peppin

RUSH?

☐ 1d
☐ 3d

Lab Use Only		Analysis and Method								Lab Only		
Lab WO#		GRO/DRO by 8015	BTX by 8021	TPH by 418.1	Chloride by 300.0						Lab Number	Correct Cont/Prsrv (s)
Job Number												
PE206132												
19034-0001												
Page 3 of 3												

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTX by 8021	TPH by 418.1	Chloride by 300.0									Lab Number	Correct Cont/Prsrv (s)
WS22-16 0-10'	6-15-2022	07:00	Soil	1 4oz Jar													19	
WS22-24 0-10'	6-15-2022	07:00	Soil	1 4oz Jar													20	
WS22-25 6-10'	6-15-2022	09:00	Soil	1 4oz Jar													21	
WS22-26 4-8'		09:10															22	
WS22-27 4-8'		09:20															23	
WS22-28 8-10'		11:30															24	
WS22-29 4-10'		14:00															25	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<i>[Signature]</i>	6-16-2022	06:30	<i>[Signature]</i>	6-16-22	3:30	**Received on Ice <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
<i>[Signature]</i>	6-16-22	4:15	<i>[Signature]</i>	6/17/22	10:00	AVG Temp °C <u>4</u>

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

**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.

<input type="checkbox"/> Sample(s) dropped off after hours to a secure drop off area.	Chain of Custody	Notes/Billing info:
		B-N to GOG, Robert Asher



5796 US Highway 64, Farmington, NM 87401
 Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
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 laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/17/2022 12:06:19PM

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: Vertex	Date Received: 06/17/22 10:00	Work Order ID: E206132
Phone: (575) 748-0176	Date Logged In: 06/17/22 10:25	Logged In By: Caitlin Christian
Email: mpeppin@vertex.ca	Due Date: 06/23/22 17:00 (4 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: 22E - 00124

Work Order: E206147

Job Number: 19034-0001

Received: 6/20/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/27/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/27/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: 22E - 00124
Workorder: E206147
Date Received: 6/20/2022 8:15:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/20/2022 8:15:00AM, under the Project Name: 22E - 00124.

The analytical test results summarized in this report with the Project Name: 22E - 00124 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 regarding 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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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: 22E - 00124 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 06/27/22 12:32
--	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS22-45 10'	E206147-01A	Soil	06/16/22	06/20/22	Glass Jar, 4 oz.
BS22-46 10'	E206147-02A	Soil	06/16/22	06/20/22	Glass Jar, 4 oz.
BS22-47 10'	E206147-03A	Soil	06/16/22	06/20/22	Glass Jar, 4 oz.
BS22-186 10'	E206147-04A	Soil	06/16/22	06/20/22	Glass Jar, 4 oz.
WS22-09 6 - 10'	E206147-05A	Soil	06/16/22	06/20/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: 22E - 00124 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/27/2022 12:32:25PM
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BS22-45 10'

E206147-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: KL		Batch: 2226040	
Benzene	ND	0.0250	1	06/21/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/23/22	
Toluene	ND	0.0250	1	06/21/22	06/23/22	
o-Xylene	ND	0.0250	1	06/21/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	89.1 %	70-130		06/21/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: KL		Batch: 2226040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.1 %	70-130		06/21/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL		Batch: 2226051	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/23/22	
<i>Surrogate: n-Nonane</i>	115 %	50-200		06/21/22	06/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2226032	
Chloride	2690	40.0	2	06/21/22	06/25/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: 22E - 00124
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/27/2022 12:32:25PM

BS22-46 10'

E206147-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226040
Benzene	ND	0.0250	1	06/21/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/23/22	
Toluene	ND	0.0250	1	06/21/22	06/23/22	
o-Xylene	ND	0.0250	1	06/21/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		89.0 %	70-130	06/21/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226040
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.2 %	70-130	06/21/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/23/22	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	06/21/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226032
Chloride	3480	40.0	2	06/21/22	06/25/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: 22E - 00124
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/27/2022 12:32:25PM

BS22-47 10'

E206147-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226040
Benzene	ND	0.0250	1	06/21/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/23/22	
Toluene	ND	0.0250	1	06/21/22	06/23/22	
o-Xylene	ND	0.0250	1	06/21/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		06/21/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226040
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.4 %	70-130		06/21/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/23/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/21/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226032
Chloride	12100	400	20	06/21/22	06/25/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: 22E - 00124
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/27/2022 12:32:25PM

BS22-186 10'

E206147-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226040
Benzene	ND	0.0250	1	06/21/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/23/22	
Toluene	ND	0.0250	1	06/21/22	06/23/22	
o-Xylene	ND	0.0250	1	06/21/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		06/21/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226040
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.3 %	70-130		06/21/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/23/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/21/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226032
Chloride	12700	400	20	06/21/22	06/25/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: 22E - 00124
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/27/2022 12:32:25PM

WS22-09 6 - 10'

E206147-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226040
Benzene	ND	0.0250	1	06/21/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/21/22	06/23/22	
Toluene	ND	0.0250	1	06/21/22	06/23/22	
o-Xylene	ND	0.0250	1	06/21/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/21/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/21/22	06/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.7 %	70-130		06/21/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226040
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/22	06/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.5 %	70-130		06/21/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226051
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/23/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		06/21/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226032
Chloride	2470	40.0	2	06/21/22	06/25/22	



QC Summary Data

EOG Resources	Project Name:	22E - 00124	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/27/2022 12:32:25PM

Volatile Organics by EPA 8021B

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226040-BLK1)

Prepared: 06/21/22 Analyzed: 06/22/22

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	6.65		8.00		83.2	70-130			

LCS (2226040-BS1)

Prepared: 06/21/22 Analyzed: 06/22/22

Benzene	5.21	0.0250	5.00		104	70-130			
Ethylbenzene	5.14	0.0250	5.00		103	70-130			
Toluene	5.50	0.0250	5.00		110	70-130			
o-Xylene	5.02	0.0250	5.00		100	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.75		8.00		84.4	70-130			

LCS Dup (2226040-BSD1)

Prepared: 06/21/22 Analyzed: 06/22/22

Benzene	5.27	0.0250	5.00		105	70-130	1.15	20	
Ethylbenzene	5.22	0.0250	5.00		104	70-130	1.63	20	
Toluene	5.55	0.0250	5.00		111	70-130	0.873	20	
o-Xylene	5.10	0.0250	5.00		102	70-130	1.54	20	
p,m-Xylene	10.6	0.0500	10.0		106	70-130	1.56	20	
Total Xylenes	15.7	0.0250	15.0		104	70-130	1.55	20	
Surrogate: 4-Bromochlorobenzene-PID	6.69		8.00		83.6	70-130			



QC Summary Data

EOG Resources	Project Name:	22E - 00124	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/27/2022 12:32:25PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226040-BLK1)

Prepared: 06/21/22 Analyzed: 06/22/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			

LCS (2226040-BS2)

Prepared: 06/21/22 Analyzed: 06/22/22

Gasoline Range Organics (C6-C10)	40.6	20.0	50.0		81.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.6	70-130			

LCS Dup (2226040-BSD2)

Prepared: 06/21/22 Analyzed: 06/22/22

Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.8	70-130	1.93	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		8.00		87.1	70-130			



QC Summary Data

EOG Resources	Project Name:	22E - 00124	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/27/2022 12:32:25PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226051-BLK1)

Prepared: 06/21/22 Analyzed: 06/23/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.8		50.0		93.6	50-200			

LCS (2226051-BS1)

Prepared: 06/21/22 Analyzed: 06/23/22

Diesel Range Organics (C10-C28)	527	25.0	500		105	38-132			
Surrogate: n-Nonane	43.9		50.0		87.9	50-200			

Matrix Spike (2226051-MS1)

Source: E206139-04

Prepared: 06/21/22 Analyzed: 06/23/22

Diesel Range Organics (C10-C28)	552	25.0	500	ND	110	38-132			
Surrogate: n-Nonane	50.6		50.0		101	50-200			

Matrix Spike Dup (2226051-MSD1)

Source: E206139-04

Prepared: 06/21/22 Analyzed: 06/23/22

Diesel Range Organics (C10-C28)	551	25.0	500	ND	110	38-132	0.226	20	
Surrogate: n-Nonane	50.9		50.0		102	50-200			



QC Summary Data

EOG Resources	Project Name:	22E - 00124	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/27/2022 12:32:25PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226032-BLK1)

Prepared: 06/21/22 Analyzed: 06/27/22

Chloride ND 20.0

LCS (2226032-BS1)

Prepared: 06/21/22 Analyzed: 06/27/22

Chloride 260 20.0 250 104 90-110

Matrix Spike (2226032-MS1)

Source: E206145-01

Prepared: 06/21/22 Analyzed: 06/25/22

Chloride 326 20.0 250 51.5 110 80-120

Matrix Spike Dup (2226032-MSD1)

Source: E206145-01

Prepared: 06/21/22 Analyzed: 06/25/22

Chloride 311 20.0 250 51.5 104 80-120 4.73 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:	22E - 00124	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	06/27/22 12:32

- 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.



Client: EOG
 Project: 22E-00124
 Sampler: Sally Carther
 Phone: on file
 Email(s): _____
 Project Manager: Monica Peppin

RUSH?

☐ 1d
☐ 3d

Lab Use Only		Analysis and Method								Lab Only	
Lab WO#		GRO/DRO by 8015	BTX by 8021	TPH by 418.1	Chloride by 300.0					Lab Number	Correct Cont/Prsr (s) N/A
Job Number											
<u>PE206147</u>											
<u>19034-0001</u>											

Page of

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTX by 8021	TPH by 418.1	Chloride by 300.0												
BS BS22-45 10'	6/16	9:10	Soil	1 4oz jar/ice	✓	✓	✓	✓											1	
BS22-46 10'		9:20																	2	
BS22-47 10'		9:15																	3	
BS22-186 10'		10:30																	4	
WS22-09 6-10'		12:00																	5	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only	
<u>Sally Carther</u>	6/16/22	13:57	<u>Lequino Marsh</u>	6-17-22	1:30	**Received on Ice <input checked="" type="checkbox"/> N	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1	T2
<u>Lequino Marsh</u>	6-17-22	4:15p	<u>Sally Carther</u>	6/20/22	8:15	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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

Direct Bill EOG



5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

 envirotech-inc.com
 laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/20/2022 12:19:45PM

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:	06/20/22 08:15	Work Order ID:	E206147
Phone:	(575) 748-4217	Date Logged In:	06/20/22 09:26	Logged In By:	Caitlin Christian
Email:	mpeppin@vertex.ca	Due Date:	06/24/22 17:00 (4 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: 22E-00124-02 Gates AAC

Work Order: E206172

Job Number: 19034-0001

Received: 6/23/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/29/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/29/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: 22E-00124-02 Gates AAC
Workorder: E206172
Date Received: 6/23/2022 10:15:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/23/2022 10:15:00AM, under the Project Name: 22E-00124-02 Gates AAC.

The analytical test results summarized in this report with the Project Name: 22E-00124-02 Gates AAC 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 regarding 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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rainaschwanz@envirotech-inc.com

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labadmin@envirotech-inc.com

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Lynn Jarboe
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Cell: 505-320-4759
ljjarboe@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:	22E-00124-02 Gates AAC	Reported: 06/29/22 17:47
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
WS22-07 0 - 4'	E206172-01A	Soil	06/17/22	06/23/22	Glass Jar, 4 oz.
BS22 - 62 6'	E206172-02A	Soil	06/17/22	06/23/22	Glass Jar, 4 oz.
BS22 - 64 6'	E206172-03A	Soil	06/17/22	06/23/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: 22E-00124-02 Gates AAC Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 6/29/2022 5:47:31PM
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WS22-07 0 - 4'

E206172-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226091	
Benzene	ND	0.0250	1	06/23/22	06/25/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/25/22	
Toluene	ND	0.0250	1	06/23/22	06/25/22	
o-Xylene	ND	0.0250	1	06/23/22	06/25/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/25/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.2 %	70-130		06/23/22	06/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226091	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.5 %	70-130		06/23/22	06/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226101	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/24/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/24/22	06/28/22	
<i>Surrogate: n-Nonane</i>	118 %	50-200		06/24/22	06/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227004	
Chloride	64.5	20.0	1	06/27/22	06/28/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: 22E-00124-02 Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/29/2022 5:47:31PM

BS22 - 62 6'

E206172-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226091	
Benzene	ND	0.0250	1	06/23/22	06/25/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/25/22	
Toluene	ND	0.0250	1	06/23/22	06/25/22	
o-Xylene	ND	0.0250	1	06/23/22	06/25/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/25/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.5 %	70-130	06/23/22	06/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2226091	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	06/23/22	06/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2226101	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/24/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/24/22	06/28/22	
<i>Surrogate: n-Nonane</i>		122 %	50-200	06/24/22	06/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227004	
Chloride	542	40.0	2	06/27/22	06/28/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: 22E-00124-02 Gates AAC
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
6/29/2022 5:47:31PM

BS22 - 64 6'

E206172-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226091
Benzene	ND	0.0250	1	06/23/22	06/25/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/25/22	
Toluene	ND	0.0250	1	06/23/22	06/25/22	
o-Xylene	ND	0.0250	1	06/23/22	06/25/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/25/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.5 %	70-130	06/23/22	06/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226091
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.9 %	70-130	06/23/22	06/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226101
Diesel Range Organics (C10-C28)	ND	25.0	1	06/24/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/24/22	06/28/22	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	06/24/22	06/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227004
Chloride	4000	400	20	06/27/22	06/28/22	



QC Summary Data

EOG Resources	Project Name:	22E-00124-02 Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/29/2022 5:47:31PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226091-BLK1)

Prepared: 06/23/22 Analyzed: 06/25/22

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	7.30		8.00		91.2	70-130			

LCS (2226091-BS1)

Prepared: 06/23/22 Analyzed: 06/25/22

Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	4.44	0.0250	5.00		88.8	70-130			
Toluene	4.73	0.0250	5.00		94.5	70-130			
o-Xylene	4.65	0.0250	5.00		93.0	70-130			
p,m-Xylene	9.16	0.0500	10.0		91.6	70-130			
Total Xylenes	13.8	0.0250	15.0		92.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			

Matrix Spike (2226091-MS1)

Source: E206173-01

Prepared: 06/23/22 Analyzed: 06/27/22

Benzene	5.16	0.0250	5.00	ND	103	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.7	61-133			
Toluene	5.00	0.0250	5.00	ND	100	61-130			
o-Xylene	4.91	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	9.76	0.0500	10.0	ND	97.6	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	97.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			

Matrix Spike Dup (2226091-MSD1)

Source: E206173-01

Prepared: 06/23/22 Analyzed: 06/25/22

Benzene	5.73	0.0250	5.00	ND	115	54-133	10.4	20	
Ethylbenzene	5.20	0.0250	5.00	ND	104	61-133	9.38	20	
Toluene	5.52	0.0250	5.00	ND	110	61-130	9.95	20	
o-Xylene	5.42	0.0250	5.00	ND	108	63-131	9.72	20	
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131	9.01	20	
Total Xylenes	16.1	0.0250	15.0	ND	107	63-131	9.25	20	
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.2	70-130			



QC Summary Data

EOG Resources	Project Name:	22E-00124-02 Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/29/2022 5:47:31PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226091-BLK1)

Prepared: 06/23/22 Analyzed: 06/25/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			

LCS (2226091-BS2)

Prepared: 06/23/22 Analyzed: 06/25/22

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

Matrix Spike (2226091-MS2)

Source: E206173-01

Prepared: 06/23/22 Analyzed: 06/25/22

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130			

Matrix Spike Dup (2226091-MSD2)

Source: E206173-01

Prepared: 06/23/22 Analyzed: 06/25/22

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130	0.551	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			



QC Summary Data

EOG Resources	Project Name:	22E-00124-02 Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/29/2022 5:47:31PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226101-BLK1)

Prepared: 06/24/22 Analyzed: 06/27/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	77.4		50.0		155	50-200			

LCS (2226101-BS1)

Prepared: 06/24/22 Analyzed: 06/27/22

Diesel Range Organics (C10-C28)	572	25.0	500		114	38-132			
Surrogate: n-Nonane	72.4		50.0		145	50-200			

Matrix Spike (2226101-MS1)

Source: E206173-01

Prepared: 06/24/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	635	25.0	500	25.6	122	38-132			
Surrogate: n-Nonane	79.9		50.0		160	50-200			

Matrix Spike Dup (2226101-MSD1)

Source: E206173-01

Prepared: 06/24/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	597	25.0	500	25.6	114	38-132	6.30	20	
Surrogate: n-Nonane	71.9		50.0		144	50-200			



QC Summary Data

EOG Resources	Project Name:	22E-00124-02 Gates AAC	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	6/29/2022 5:47:31PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227004-BLK1)

Prepared: 06/27/22 Analyzed: 06/29/22

Chloride ND 20.0

LCS (2227004-BS1)

Prepared: 06/27/22 Analyzed: 06/29/22

Chloride 259 20.0 250 104 90-110

Matrix Spike (2227004-MS1)

Source: E206171-01

Prepared: 06/27/22 Analyzed: 06/29/22

Chloride 269 20.0 250 ND 108 80-120

Matrix Spike Dup (2227004-MSD1)

Source: E206171-01

Prepared: 06/27/22 Analyzed: 06/29/22

Chloride 274 20.0 250 ND 110 80-120 1.92 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:	22E-00124-02 Gates AAC	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	06/29/22 17:47

- 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.

Client: EOG
 Project: 22E-00124-02 Eates AAC
 Sampler: Sally Carttar
 Phone: _____
 Email(s): _____
 Project Manager: Monica Peppin

RUSH?

☐ 1d
☐ 3d

Page

Lab Use Only

Lab WO#

PE206172

Job Number

19034-0001

of

Analysis and Method

lab Only

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0										Lab Number	Correct Cont/Prsrv
WS22-07 0-4'	6/17	11:15	soil	4 oz jar/ice														1	
BS22-62 6'		11:20																2	
BS22-64 6'		11:25																3	

Relinquished by: (Signature) <u>Sally Carttar</u>	Date <u>6/17/22</u>	Time <u>2:11 P</u>	Received by: (Signature) <u>Lequero Mark</u>	Date <u>6-22-22</u>	Time <u>1:30</u>	Lab Use Only **Received on Ice <input checked="" type="radio"/> Y <input type="radio"/> N	
Relinquished by: (Signature) <u>Lequero Mark</u>	Date <u>6-22-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>Carttar</u>	Date <u>6/23/22</u>	Time <u>10:15</u>	T1 _____	T2 _____
AVG Temp °C <u>4</u>						T3 _____	

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

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

direct Bill EOG

5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Page 13 of 14

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

 envirotech-inc.com
 laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/23/2022 12:25:05PM

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:	06/23/22 10:15	Work Order ID:	E206172
Phone:	(575) 748-4217	Date Logged In:	06/23/22 08:55	Logged In By:	Caitlin Christian
Email:	mpeppin@vertex.ca	Due Date:	06/29/22 17:00 (4 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? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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:

Monica Peppin



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gates AAC #2

Work Order: E207124

Job Number: 19034-0001

Received: 7/20/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/21/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 7/21/22

Monica Peppin
104 South 4th Street
Artesia, NM 88210



Project Name: Gates AAC #2
Workorder: E207124
Date Received: 7/20/2022 10:15:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/20/2022 10:15:00AM, under the Project Name: Gates AAC #2.

The analytical test results summarized in this report with the Project Name: Gates AAC #2 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 regarding 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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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC #2 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 07/21/22 15:30
--	--	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BES22 - 47 10'	E207124-01A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
BES22 - 110 4'	E207124-02A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
BES22 - 128 4'	E207124-03A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
BES22 - 133 4'	E207124-04A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
BES22 - 186 10'	E207124-05A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gates AAC #2 Project Number: 19034-0001 Project Manager: Monica Peppin	Reported: 7/21/2022 3:30:16PM
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BES22 - 47 10'

E207124-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230055
Benzene	ND	0.0250	1	07/20/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/21/22	
Toluene	ND	0.0250	1	07/20/22	07/21/22	
o-Xylene	ND	0.0250	1	07/20/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/21/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		07/20/22	07/21/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		07/20/22	07/21/22	
Surrogate: Toluene-d8	106 %	70-130		07/20/22	07/21/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/21/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		07/20/22	07/21/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		07/20/22	07/21/22	
Surrogate: Toluene-d8	106 %	70-130		07/20/22	07/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230058
Diesel Range Organics (C10-C28)	298	25.0	1	07/20/22	07/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/21/22	
Surrogate: n-Nonane	129 %	50-200		07/20/22	07/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230061
Chloride	ND	400	20	07/20/22	07/20/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
7/21/2022 3:30:16PM

BES22 - 110 4'

E207124-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230055
Benzene	ND	0.0250	1	07/20/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/21/22	
Toluene	ND	0.0250	1	07/20/22	07/21/22	
o-Xylene	ND	0.0250	1	07/20/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/21/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		07/20/22	07/21/22	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		07/20/22	07/21/22	
Surrogate: Toluene-d8	106 %	70-130		07/20/22	07/21/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/21/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		07/20/22	07/21/22	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		07/20/22	07/21/22	
Surrogate: Toluene-d8	106 %	70-130		07/20/22	07/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230058
Diesel Range Organics (C10-C28)	75.6	25.0	1	07/20/22	07/21/22	
Oil Range Organics (C28-C36)	67.4	50.0	1	07/20/22	07/21/22	
Surrogate: n-Nonane	121 %	50-200		07/20/22	07/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230061
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
7/21/2022 3:30:16PM

BES22 - 128 4'

E207124-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230055
Benzene	ND	0.0250	1	07/20/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/21/22	
Toluene	ND	0.0250	1	07/20/22	07/21/22	
o-Xylene	ND	0.0250	1	07/20/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/21/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/20/22	07/21/22	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		07/20/22	07/21/22	
Surrogate: Toluene-d8	106 %	70-130		07/20/22	07/21/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/21/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/20/22	07/21/22	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		07/20/22	07/21/22	
Surrogate: Toluene-d8	106 %	70-130		07/20/22	07/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230058
Diesel Range Organics (C10-C28)	273	25.0	1	07/20/22	07/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/21/22	
Surrogate: n-Nonane	123 %	50-200		07/20/22	07/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230061
Chloride	ND	200	10	07/20/22	07/20/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
7/21/2022 3:30:16PM

BES22 - 133 4'

E207124-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230055
Benzene	ND	0.0250	1	07/20/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/21/22	
Toluene	ND	0.0250	1	07/20/22	07/21/22	
o-Xylene	ND	0.0250	1	07/20/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/21/22	
Surrogate: Bromofluorobenzene		101 %	70-130	07/20/22	07/21/22	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	07/20/22	07/21/22	
Surrogate: Toluene-d8		106 %	70-130	07/20/22	07/21/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/21/22	
Surrogate: Bromofluorobenzene		101 %	70-130	07/20/22	07/21/22	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	07/20/22	07/21/22	
Surrogate: Toluene-d8		106 %	70-130	07/20/22	07/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230058
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/21/22	
Surrogate: n-Nonane		128 %	50-200	07/20/22	07/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230061
Chloride	6930	400	20	07/20/22	07/20/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gates AAC #2
Project Number: 19034-0001
Project Manager: Monica Peppin

Reported:
7/21/2022 3:30:16PM

BES22 - 186 10'

E207124-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230055
Benzene	ND	0.0250	1	07/20/22	07/21/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/21/22	
Toluene	ND	0.0250	1	07/20/22	07/21/22	
o-Xylene	ND	0.0250	1	07/20/22	07/21/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/21/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/21/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		07/20/22	07/21/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		07/20/22	07/21/22	
Surrogate: Toluene-d8	106 %	70-130		07/20/22	07/21/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/21/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		07/20/22	07/21/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		07/20/22	07/21/22	
Surrogate: Toluene-d8	106 %	70-130		07/20/22	07/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230058
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/21/22	
Surrogate: n-Nonane	121 %	50-200		07/20/22	07/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230061
Chloride	6120	400	20	07/20/22	07/20/22	



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	7/21/2022 3:30:16PM

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 (2230055-BLK1)

Prepared: 07/20/22 Analyzed: 07/21/22

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	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

LCS (2230055-BS1)

Prepared: 07/20/22 Analyzed: 07/21/22

Benzene	2.14	0.0250	2.50		85.6	70-130			
Ethylbenzene	2.28	0.0250	2.50		91.1	70-130			
Toluene	2.20	0.0250	2.50		88.1	70-130			
o-Xylene	2.15	0.0250	2.50		86.0	70-130			
p,m-Xylene	4.27	0.0500	5.00		85.3	70-130			
Total Xylenes	6.42	0.0250	7.50		85.6	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			

LCS Dup (2230055-BSD1)

Prepared: 07/20/22 Analyzed: 07/21/22

Benzene	2.28	0.0250	2.50		91.3	70-130	6.40	23	
Ethylbenzene	2.42	0.0250	2.50		96.9	70-130	6.13	27	
Toluene	2.34	0.0250	2.50		93.7	70-130	6.23	24	
o-Xylene	2.26	0.0250	2.50		90.6	70-130	5.12	27	
p,m-Xylene	4.50	0.0500	5.00		89.9	70-130	5.22	27	
Total Xylenes	6.76	0.0250	7.50		90.1	70-130	5.18	27	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	7/21/2022 3:30:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230055-BLK1)

Prepared: 07/20/22 Analyzed: 07/21/22

Gasoline Range Organics (C6-C10)	ND	20.0							
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	0.525		0.500		105	70-130			

LCS (2230055-BS2)

Prepared: 07/20/22 Analyzed: 07/21/22

Gasoline Range Organics (C6-C10)	55.7	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			

LCS Dup (2230055-BSD2)

Prepared: 07/20/22 Analyzed: 07/21/22

Gasoline Range Organics (C6-C10)	56.2	20.0	50.0		112	70-130	0.937	20	
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	7/21/2022 3:30:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230058-BLK1)

Prepared: 07/20/22 Analyzed: 07/20/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	65.5		50.0		131	50-200			

LCS (2230058-BS1)

Prepared: 07/20/22 Analyzed: 07/20/22

Diesel Range Organics (C10-C28)	264	25.0	250		105	38-132			
Surrogate: n-Nonane	64.6		50.0		129	50-200			

Matrix Spike (2230058-MS1)

Source: E207124-01

Prepared: 07/20/22 Analyzed: 07/20/22

Diesel Range Organics (C10-C28)	582	25.0	250	298	114	38-132			
Surrogate: n-Nonane	64.2		50.0		128	50-200			

Matrix Spike Dup (2230058-MSD1)

Source: E207124-01

Prepared: 07/20/22 Analyzed: 07/20/22

Diesel Range Organics (C10-C28)	548	25.0	250	298	100	38-132	6.03	20	
Surrogate: n-Nonane	63.7		50.0		127	50-200			



QC Summary Data

EOG Resources	Project Name:	Gates AAC #2	Reported:
104 South 4th Street	Project Number:	19034-0001	
Artesia NM, 88210	Project Manager:	Monica Peppin	7/21/2022 3:30:16PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230061-BLK1)

Prepared: 07/20/22 Analyzed: 07/20/22

Chloride	ND	20.0							
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LCS (2230061-BS1)

Prepared: 07/20/22 Analyzed: 07/20/22

Chloride	261	20.0	250		104	90-110			
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LCS Dup (2230061-BSD1)

Prepared: 07/20/22 Analyzed: 07/20/22

Chloride	260	20.0	250		104	90-110	0.248	20	
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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:	Gates AAC #2	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Monica Peppin	07/21/22 15:30

- 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.

Client: EOG/Vertex
 Project: Gates AHC #2
 Sampler: Charles Dixon
 Phone: 972-5116
 Email(s): /
 Project Manager: Monica Peppin

RUSH?

☐ 1d
☐ 3d

Lab Use Only		Analysis and Method								lab Only		
Lab WO#		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0						Lab Number	Correct Cont/Prsrv (s) Y/N
Job Number												
PE207124												
19034-0001												

Page of

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0										
BES22-47 10'	7/18	12:00	SOIL	40Z/ ICC	✓	✓		✓										1
BES22-110 4'		12:05																2
BES22-128 4'		12:10																3
BES22-133 4'		12:15																4
BES22-186 10'		12:20																5

Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only		
<i>[Signature]</i>		7/19	7:30	<i>[Signature]</i>		7-19-22	9:45A	**Received on Ice Y / N		
<i>[Signature]</i>		7-19-22	4:15p	<i>[Signature]</i>		7/20/22	10:15	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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info: CC: Charles Dixon
Direct Bill EOG

5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

 envirotech-inc.com
 laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 7/20/2022 1:25:21PM

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:	07/20/22 10:15	Work Order ID:	E207124
Phone:	(575) 748-4217	Date Logged In:	07/20/22 08:53	Logged In By:	Caitlin Christian
Email:	mpeppin@vertex.ca	Due Date:	07/21/22 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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

CC: m.peppin@vertex.ca / dwilliams@vertex.ca on Final Report

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

Date



envirotech Inc.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 129921

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 129921
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	8/3/2022