SITE INFORMATION									
		Report Ty	/pe: Closui	re Report	2RP-190				
General Site In	formation:								
Site:		Glow Wor	n ALX Federal #	14					
Company:		EOG Reso	urces				_		
Section, Towns	ship and Range	Unit A	Sec. 04	T 23S	R 31E				
County:		Eddy Cou							
GPS:			32.33971			-103	.77485		
Surface Owner	:	State of No	ew Mexico						
Release Data:		_							
Date Released:		6/16/2008							
Type Release:		Produced Water / Oil							
Source of Conta	mination:	Flow line							
Fluid Released:		45 bbls. PW / 5 bbls. Oil							
Fluids Recovere		0 bbls.							
Official Commu	ınication:								
Name:	James Kennedy				Clair Gonza	ales			
Company:	EOG Resources				Tetra Tech				
Address:	5509 Champions [Or			901 West Wall Street				
				Suite 100					
City:	Midland, TX 79706	3			Midland, Texas 79701				
Phone number:	432-686-7016				432-687-86	34			
Fax:									
Email:	James.Kennedy	@eogresourc	es.com		clair.gonza	ales@tetrate	ech.com		

Site Characterization	
Depth to Groundwater:	428' below ground surface (bgs) per NMOSE Database
Karst Potential:	Low

Recommended Remedial Action Levels (RRALs)					
Benzene	Total BTEX	TPH (GRO+DRO+MRO)	Chlorides		
10 mg/kg	50 mg/kg	2,500 mg/kg	20,000 mg/kg		



March 16, 2021

Bradford Billings Hydrologist District 2 Artesia Oil Conservation Division Santa Fe, NM 87505

Re: Closure Report
EOG Resources
Glow Worm ALX Federal #14
Unit A, Section 04, Township 23 South, Range 31 East
Eddy County, New Mexico
2RP-190

Mr. Billings:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess the release at the EOG Glow Worm ALX Federal #14 (API No. 30-015-35316). The release footprint is located in the Public Land Survey System (PLSS) Unit A, Section 04, Township 23 South, Range 31 East, Eddy County, New Mexico (Site). The Site coordinates are 32.33971°N, -103.77485°W. The site location is shown on Figures 1 and 2.

Background

According to the State of New Mexico C-141 Initial Report, the release occurred on June 16, 2008, due to a rupture from the knockout tank flowline. The release consisted of 45 barrels (bbls) of produced water and five (5) bbls of oil impacting an approximate 35 feet (ft) x 15 ft area of the caliche between the tank battery and the well location on the side of the lease road at the Site. Per the C-141 form, no fluids were recovered.

The initial C-141 report was submitted on June 28, 2008 by Yates Petroleum and approved by the New Mexico Oil Conservation Division (NMOCD) on July 11, 2008. The release was subsequently assigned the Remediation Permit (RP) number 2RP-190. The C-141 form is included in Appendix A.

Site Characterization

A site characterization was performed for the site, and no watercourses, lakebeds, sinkholes, playa lakes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the specified distances, and the site is in a low karst potential area. The nearest well is listed in the USGS National Water Information Database website in Section 06, approximately 2.24 miles southwest of the site, and has a reported depth to groundwater of 82.40 feet below ground surface. In addition, according to the New Mexico Office of the State Engineer, four (4) water wells are located within 800 meters (approximately ½ mile) of the Site.

etra Tech



The average depth to groundwater is 428 ft. bgs. Site characterization data is included in Appendix B.

Regulatory

A risk-based evaluation was performed for the site per the NMOCD Guidelines for Remediation of Leaks, Spills and Releases, updated August 14, 2018. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the site characterization, the proposed RRAL for TPH is 100 mg/kg (GRO+DRO+MRO) in the upper four (4) ft and 2,500 mg/kg (GRO+DRO+MRO) below 4 ft below ground surface (bgs). Additionally, based on the site characterization, the proposed RRAL for chlorides is 600 mg/kg in the upper 4 ft and 20,000 mg/kg (GRO+DRO+MRO) below 4 ft bgs.

Soil Assessment and Analytical Results

On February 23, 2021, Tetra Tech personnel were on the Site to conduct a site investigation and soil sampling at the release area. The release area was identified from the description in the C-141 and the aerial imagery. Soils were field screened for salinity using an Extech EC400 ExStik to determine sampling intervals. A total of two (2) auger holes (AH-1 and AH-2) were advanced to total depth from ground surface to 4 ft bgs. A total of eight (8) samples were analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015 modified, and chloride by EPA Method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 1. The auger hole locations are shown on Figure 3. Photographic documentation is also attached.

Referring to Table 1, none of the samples analyzed exceeded the Site RRAL for chloride (20,000 mg/kg), TPH (2,500 mg/kg), BTEX (50 m/kg,) and benzene (10 mg/kg). In addition, all the samples were also below the 600 mg/kg chloride and 100 mg/kg TPH reclamation standards.



Conclusion

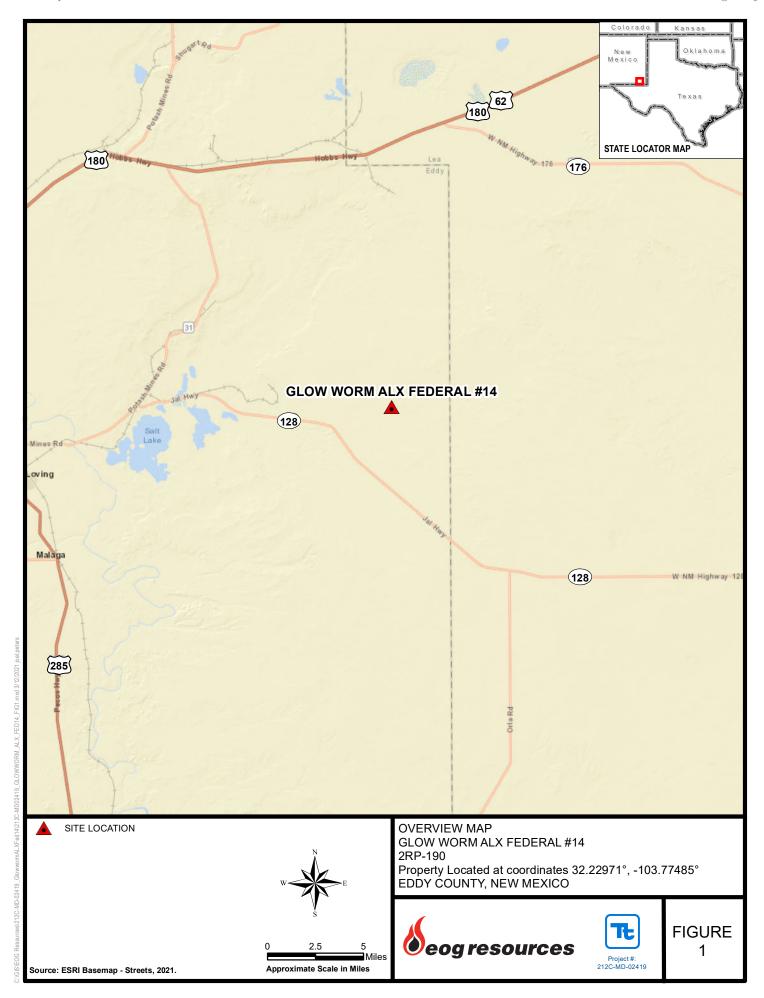
Based on the laboratory results, EOG requests closure of this spill issue. The final C-141 initial report and additional site/assessment and closure forms are enclosed in Appendix A. If you have any questions or comments concerning the assessment or remediation activities for this site, please call at (432) 682-4559.

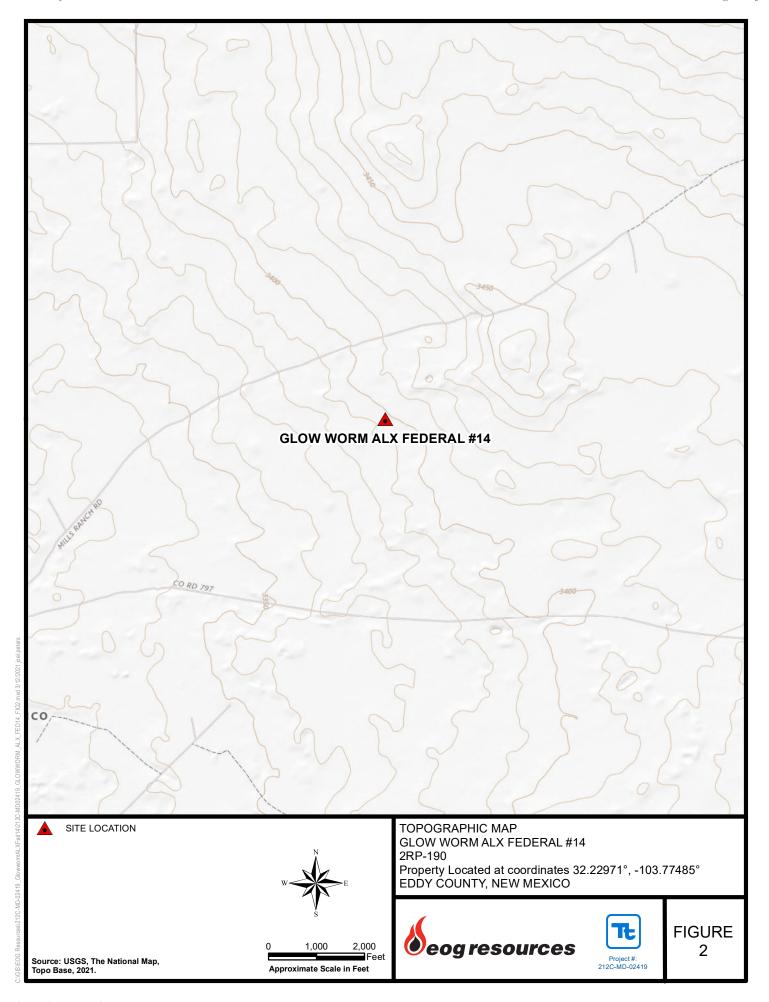
Respectfully submitted, TETRA TECH

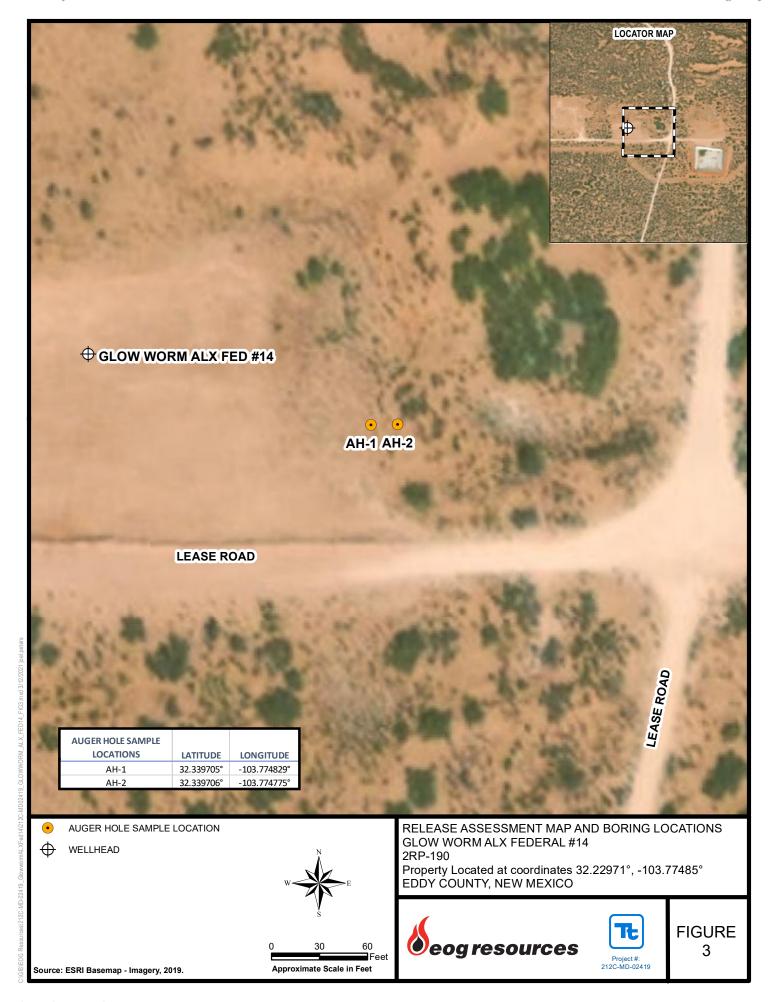
Clair Gonzales, P.G. Senior Project Manager

Tetra Tech, Inc.

Figures







Tables

Received by OCD: 10/12/2021 1:39:25 PM

Table 1 EOG Resources Glow Worm ALX Federal #14 Eddy County, New Mexico

		Sample	Soil	Status	TPH (mg/kg)			Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride	
Sample ID	Sample Date	Depth (ft)	In-Situ	Removed	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	2/23/2021	0-1	Х	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	<4.96
AH-1	"	1.5-2	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	6.01
АП-1	"	2.5-3	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	9.58
	"	3.5-4	Х	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	16.4
	2/23/2021	0-1	Х	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<4.97
AH-2	"	1.5-2	Х	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	13.1
	"	2.5-3	Х	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	23.6
	"	3.5-4	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	26.4

(-)

Not Analyzed Exceeded RRALs

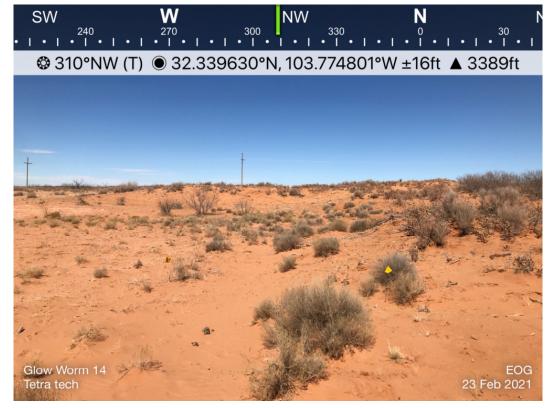
Photos

TET!

EOG Resources Glow Worm ALX Federal #14 Eddy County, New Mexico



View of Former Glow Worm ALX Federal #14 – View West



View of Release Area – View Northwest

EOG Resources Glowworm ALX Federal #13 and #15-H Eddy County, New Mexico



ETRATECH



View of Release Area - View East

Appendix A

Form C-141

Revised October 10, 2003

1625 N French Dr , Hobbs, NM 88240 District II 1301 W Grand Avenue, 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**

JUN 25 2008

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

obtaining samples where analyses

are to be presented to OCD

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

OCD-ARTESIA

Release Notification and Corrective Action CSEB0819339191 nseb0819336812 **OPERATOR** X Initial Report Final Report Name of Company Yates Petroleum Corporation 25575 Contact Mike Stubblefield Telephone No. 505-7484500 505-513-1712 Address 105 South 4th Street, Artesia, N.M. 88210 Facility Name Glowworm ALX Federal #14 Facility Type Producing oil well Surface Owner Federal Mineral Owner Federal Lease No. 30-015-35316 LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County 31e 330' 330' FEL. Eddy Latitude 32.33971 Longitude 103.77485 NATURE OF RELEASE Type of Release: Produced water, Oil Volume of Release Volume Recovered 45 BBLS PW 0 BBLS 5 BBLS Oil Source of Release Flow line Date and Hour of Occurrence Date and Hour of Discovery 6/16/2008 6:00am same Was Immediate Notice Given? If YES, To Whom? NMOCD/Mike Bratcher's voice mail box. Yes X Not Required By Whom? Mike Stubblefield Date and Hour 6/17/2008 10:53am Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes X No If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* The back PIS valve locked up putting to much pressure on the KO and the flow line ruptured. The back PIS valve was replaced, the flow line was repaired. Describe Area Affected and Cleanup Action Taken.* The impacted area was between the tank battery and well location on the side of the lease road. This area measured to be 35'x15'. Soil samples will be taken from the impacted area. Soil samples will be submitted to a second party lab and analysis ran for Chlorides using EPA Method 300, TPH using EPA Method 8015m, B-TEX using EPA Method 8260B. When the analytical results have been received from initial soil samples taken, A work plan for the correction of the release based on analytical results will be submitted to the NMOCD for approval. The Chlorides will be evaluated and appropriate actions taken. Yates Petroleum Corporation will then submit a final C-141 form requesting closure for the release that occurred on 6/16/2008. Depth to ground water > 100', Wellhead protection area > 1000', Distance to surface water body > 1000' Site ranking 0. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION Signature: The Stellfull Remediation Actions to be completed and Final C-141 submitted with confirmation Approved by District Supervisor: analyses/documentation on or before the Printed Name: Mike Stubblefield Expiration Date. Expiration Date: **9-12-08** Title: Environmental Regulatory Agent Approval Date: 7-11-08 E-mail Address: mikes@ypcnm.com Conditions of Approval: Attached Within 30 days, on or before **8-13-08**, completion of 2RP-190 Date: 6/25/2008 Phone: 505-748-4500 a remediation work plan based on delineation should be Attach Additional Sheets If Necessary finalized and submitted for approval to the Division Notify OCD 48 hours prior to summarizing all actions taken and/or to be taken to mitigate

environmental damage.

SEB0819339278

Received by OCD: 10/12/2021 1:39:25 PM Form C-141 State of New Mexico Page 3 Oil Conservation Division

	Page 16 of 54
Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)						
Did this release impact groundwater or surface water?	☐ Yes ☐ No						
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No						
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?							
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No						
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No						
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No						
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No						
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No						
Are the lateral extents of the release overlying a subsurface mine?							
Are the lateral extents of the release overlying an unstable area such as karst geology?							
Are the lateral extents of the release within a 100-year floodplain?							
Did the release impact areas not on an exploration, development, production, or storage site?							
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil						
Characterization Report Checklist: Each of the following items must be included in the report.							
Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody							

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 10/12/2021 1:39:25 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 17 of 54
Incident ID	
District RP	
Facility ID	
Application ID	

regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thr addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name:	_ Title:
Signature:	Date: Telephone:
OCD Only Received by:	Date:

e of New Mexico Page 18 of 54

Incident ID	nSEB0819336812
District RP	
Facility ID	
Application ID	

Closure

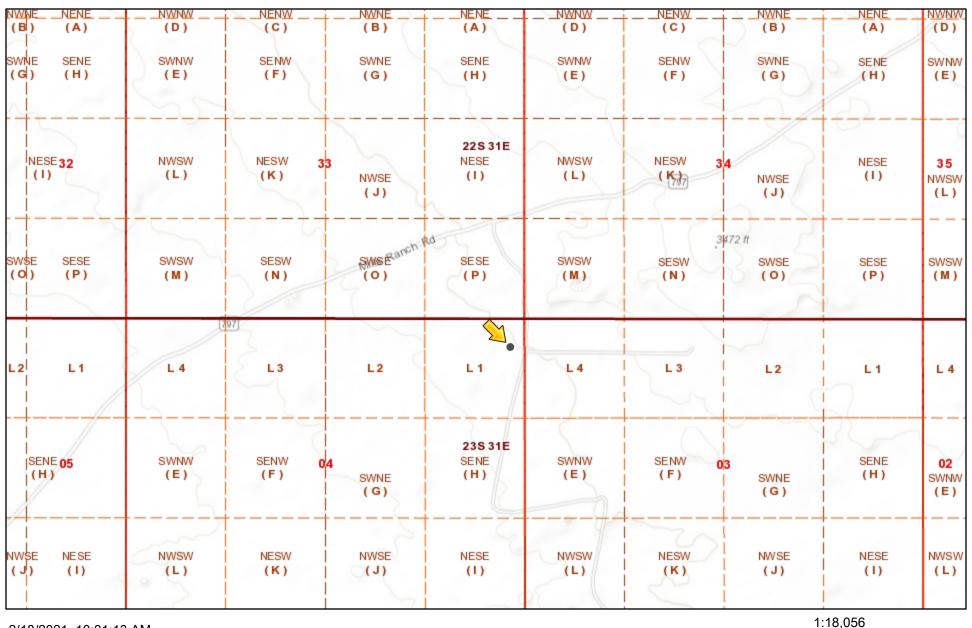
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled 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 19.15.29.1	1 NMAC							
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office nust be notified 2 days prior to liner inspection)							
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)							
☐ Description of remediation activities								
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in							
Printed Name:								
Signature:	Date:							
email:	Telephone:							
OCD Only								
Received by:	Date:							
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.							
Closure Approved by:	Date:11/16/2021							
Printed Name: Bradford Billings	Title:Envi.Spec.A							

Appendix B

2RP-190



2/18/2021, 10:01:13 AM

Override 1

OSE Streams

OSE Water-bodies

PLSS Townships PLJV Probable Playas

0 0.13 0.25 0.5 mi 0 0.2 0.4 0.8 km

Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin,

New Mexico Oil Conservation Division

Released to Imaging: 11/16/2021 3:33:16 PM

OCD District Offices

PLSS First Division





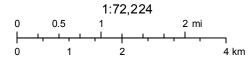


10 mi

New Mexico NFHL Data



February 18, 2021



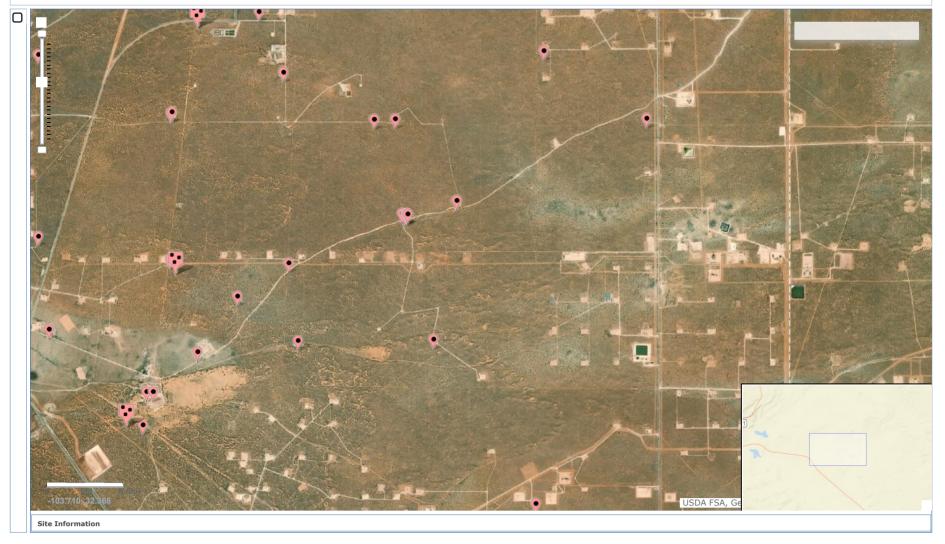
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



National Water Information System: Mapper

USGS Home Contact USGS Search USGS





✓ New Mexico

Groundwater



USGS Home Contact USGS Search USGS

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∨ GO

National Water Information System: Web Interface

Click to hideNews Bulletins

Introducing The Next Generation of USGS Water Data for the Nation
 Full News

Groundwater levels for New Mexico

Click to hide state-specific text

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 321927103483201

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321927103483201 23S.31E.06.44434

Eddy County, New Mexico
Latitude 32°19'27", Longitude 103°48'32" NAD27
Land-surface elevation 3,311 feet above NAVD88
The depth of the well is 160 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinal Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1959-02-04		D	62610		3203.72	NGVD29	1	Z			A
1959-02-04		D	62611		3205.35	NAVD88	1	z			A
1959-02-04		D	72019	105.65			1	Z			A
1972-09-20		D	62610		3203.02	NGVD29	1	Z			A
1972-09-20		D	62611		3204.65	NAVD88	1	Z			A
1972-09-20		D	72019	106.35			1	Z			A
1977-03-10		D	62610		3201.97	NGVD29		Z			A
1977-03-10		D	62611		3203.60	NAVD88	1	Z			A
1977-03-10		D	72019	107.40			1	Z			A
1983-02-02		D	62610		3233.82	NGVD29	1	Z			A
1983-02-02		D	62611		3235.45	NAVD88	1	Z			A
1983-02-02		D	72019	75.55			1	Z			A
1984-12-13		D	62610		3226.97		1	Z			A
1984-12-13		D	62611		3228.60	NAVD88	1	Z			A
1984-12-13		D	72019	82.40			1	Z			A

Explanation					
Section	Code	Description			
Water-level date-time accuracy	D	Date is accurate to the Day			
Parameter code	62610	Groundwater level above NGVD 1929, feet			
Parameter code	62611	Groundwater level above NAVD 1988, feet			
Parameter code	72019	Depth to water level, feet below land surface			
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988			
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929			
Status	1	Static			
Method of measurement	Z	Other.			
Measuring agency		Not determined			
Source of measurement		Not determined			
Water-level approval status	Α	Approved for publication Processing and review completed.			

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms
Subscribe for system changes
News

Accessibility FUA Privacy Pointes and Notices U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2021-03-16 14:08:59 EDT
0.44 0.4 nadww01

USA.gov



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

		POD													
		Sub-		Q	Q	Q								V	Vater
POD Number	Code	basin	County	64	16	4 5	Sec	Tws	Rng	X	Y	DistanceDept	hWellDe	pthWater C	olumn
C 02769 POD2		CUB	ED	4	2	4	33	22S	31E	615261	3579312	563	753	428	325
<u>C 02687</u>		CUB	ED	4	2	4	33	22S	31E	615246	3579364*	616	779		
<u>C 02767</u>		CUB	ED	4	1	4	33	22S	31E	614844	3579360*	760	785		
<u>C 02768</u>		CUB	ED	4	1	4	33	22S	31E	614844	3579360*	760	787		

Average Depth to Water:

Radius: 800

428 feet

Minimum Depth:

428 feet

Maximum Depth:

428 feet

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 615297.92 **Northing (Y):** 3578749.88

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

3/15/21 9:09 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Appendix C

eurofins Environment Testing

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Certificate of Analysis Summary 689231

Tetra Tech- Midland, Midland, TX

Project Name: Glowworm ALX Federal #14

Project Id: Contact:

Clair Gonzales

Project Location: Eddy County, New Mexico

Date Received in Lab: Thu 02.25.2021 09:35

Report Date: 03.01.2021 18:51

Project Manager: Jessica Kramer

	Lab Id:	689231-0	001	689231-0	002	689231-0	003	689231-	004	689231-0	005	689231-0)06
Analysis Requested	Field Id:	AH-1 (0-	1')	AH-1 (1.5'	-2')	AH-1 (2.5'-	3')	AH-1 (3.5'-	4')	AH-2 (0-1	')	AH-2 (1.5'-2	2')
Analysis Requested	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	,
	Sampled:	02.23.2021	00:00	02.23.2021	00:00	02.23.2021	00:00	02.23.2021	00:00	02.23.2021	00:00	02.23.2021	00:00
BTEX by EPA 8021B	Extracted:	02.26.2021	13:30	02.26.2021	13:30	02.26.2021	13:30	02.26.2021	13:30	02.26.2021	13:30	02.26.2021	13:30
	Analyzed:	02.26.2021	16:46	02.26.2021	17:07	02.26.2021	17:28	02.26.2021	17:48	02.26.2021	18:09	02.26.2021	18:30
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		< 0.00198	0.00198	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200
Toluene		< 0.00198	0.00198	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200
Ethylbenzene		< 0.00198	0.00198	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200
m,p-Xylenes		< 0.00396	0.00396	< 0.00397	0.00397	< 0.00400	0.00400	< 0.00402	0.00402	< 0.00398	0.00398	< 0.00399	0.00399
o-Xylene		< 0.00198	0.00198	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200
Total Xylenes		< 0.00198	0.00198	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200
Total BTEX		< 0.00198	0.00198	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200
Inorganic Anions by EPA 300/300.1	Extracted:	02.25.2021	19:00	02.25.2021	19:00	02.25.2021	19:00	02.25.2021	19:00	02.25.2021	19:00	02.25.2021	19:00
	Analyzed:	02.25.2021	23:43	02.25.2021	23:49	02.26.2021	00:05	02.26.2021	00:11	02.26.2021	00:16	02.26.2021	00:22
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		<4.96	4.96	6.01	4.99	9.58	4.99	16.4	4.99	<4.97	4.97	13.1	4.96
TPH By SW8015 Mod	Extracted:	02.27.2021	09:00	02.27.2021	09:00	02.27.2021	09:00	02.27.2021	09:00	02.27.2021	09:00	02.27.2021	09:00
	Analyzed:	02.27.2021	15:29	02.27.2021	15:50	02.27.2021	16:33	02.27.2021	16:55	02.27.2021	17:16	02.27.2021	17:37
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		< 50.0	50.0	<49.9	49.9	<49.9	49.9	<49.8	49.8	< 50.0	50.0	< 50.0	50.0
Diesel Range Organics (DRO)		< 50.0	50.0	<49.9	49.9	<49.9	49.9	<49.8	49.8	< 50.0	50.0	< 50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		< 50.0	50.0	<49.9	49.9	<49.9	49.9	<49.8	49.8	< 50.0	50.0	<50.0	50.0
Total TPH		< 50.0	50.0	<49.9	49.9	<49.9	49.9	<49.8	49.8	< 50.0	50.0	< 50.0	50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Jessica Vramer

eurofins Environment Testing

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Certificate of Analysis Summary 689231

Tetra Tech- Midland, Midland, TX

Project Name: Glowworm ALX Federal #14

Project Id: Contact:

Project Location:

Clair Gonzales

Eddy County, New Mexico

Date Received in Lab: Thu 02.25.2021 09:35

Report Date: 03.01.2021 18:51

Project Manager: Jessica Kramer

	Lab Id:	689231-0	007	689231-0	008			
Analysis Paguested	Field Id:	AH-2(2.5'-	3')	AH-2 (3.5'	-4')			
Analysis Requested	Depth:							
	Matrix:	SOIL		SOIL				
	Sampled:	02.23.2021	00:00	02.23.2021	00:00			
BTEX by EPA 8021B	Extracted:	02.26.2021	13:30	02.26.2021	13:30			
	Analyzed:	02.26.2021	18:50	02.26.2021	19:11			
	Units/RL:	mg/kg	RL	mg/kg	RL			
Benzene		< 0.00200	0.00200	< 0.00201	0.00201			
Toluene		< 0.00200	0.00200	< 0.00201	0.00201			
Ethylbenzene		< 0.00200	0.00200	< 0.00201	0.00201			
m,p-Xylenes		< 0.00399	0.00399	< 0.00402	0.00402			
o-Xylene		< 0.00200	0.00200	< 0.00201	0.00201			
Total Xylenes		< 0.00200	0.00200	< 0.00201	0.00201			
Total BTEX		< 0.00200	0.00200	< 0.00201	0.00201			
Inorganic Anions by EPA 300/300.1	Extracted:	02.25.2021	19:00	02.25.2021	19:00			
	Analyzed:	02.26.2021	00:27	02.26.2021	00:33			
	Units/RL:	mg/kg	RL	mg/kg	RL			
Chloride		23.6	5.02	26.4	5.04			
TPH By SW8015 Mod	Extracted:	02.27.2021	09:00	02.27.2021	09:00			
	Analyzed:	02.27.2021	17:59	02.27.2021	18:20			
	Units/RL:	mg/kg	RL	mg/kg	RL			
Gasoline Range Hydrocarbons (GRO)		< 50.0	50.0	<49.9	49.9			
Diesel Range Organics (DRO)		< 50.0	50.0	<49.9	49.9	_		
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9			
Total TPH		< 50.0	50.0	<49.9	49.9			

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Jessica Vramer



Analytical Report 689231

for

Tetra Tech- Midland

Project Manager: Clair Gonzales

Glowworm ALX Federal #14

03.01.2021

Collected By: Client



1211 W. Florida Ave Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-24) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-20-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483)



03.01.2021

Project Manager: Clair Gonzales

Tetra Tech- Midland 901 West Wall ST Midland, TX 79701

Reference: Eurofins Xenco, LLC Report No(s): 689231

Glowworm ALX Federal #14

Project Address: Eddy County, New Mexico

Clair Gonzales:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 689231. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 689231 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Kramer

Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Sample Cross Reference 689231

Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
AH-1 (0-1')	S	02.23.2021 00:00		689231-001
AH-1 (1.5'-2')	S	02.23.2021 00:00		689231-002
AH-1 (2.5'-3')	S	02.23.2021 00:00		689231-003
AH-1 (3.5'-4')	S	02.23.2021 00:00		689231-004
AH-2 (0-1')	S	02.23.2021 00:00		689231-005
AH-2 (1.5'-2')	S	02.23.2021 00:00		689231-006
AH-2(2.5'-3')	S	02.23.2021 00:00		689231-007
AH-2 (3.5'-4')	S	02.23.2021 00:00		689231-008

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CASE NARRATIVE

eurofins **Environment Testing** Xenco

> Client Name: Tetra Tech- Midland Project Name: Glowworm ALX Federal #14

Project ID: Report Date: 03.01.2021 Work Order Number(s): 689231 Date Received: 02.25.2021

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3151967 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected.

Samples affected are: 689231-003.

Surrogate 1,4-Difluorobenzene recovered above QC limits\. Samples affected are: 7722131-1-BLK.



Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

Sample Id: AH-1 (0-1') Matrix: Soil Date Received:02.25.2021 09:35

Date Prep:

Lab Sample Id: 689231-001 Date Collected: 02.23.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Tech: CHE

Analyst: CHE

Seq Number: 3151847

Prep Method: E300P

02.25.2021 19:00

% Moisture:

Basis: Wet Weight

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.96	4.96	mg/kg	02.25.2021 23:43	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Seq Number: 3152062

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	< 50.0	50.0		mg/kg	02.27.2021 15:29	U	1
Diesel Range Organics (DRO)	C10C28DRO	< 50.0	50.0		mg/kg	02.27.2021 15:29	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	< 50.0	50.0		mg/kg	02.27.2021 15:29	U	1
Total TPH	PHC635	< 50.0	50.0		mg/kg	02.27.2021 15:29	U	1
Surrogate	C	as Number	% Recovery	Units	Limits	Analysis Date	Flag	

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date
1-Chlorooctane	111-85-3	94	%	70-130	02.27.2021 15:29
o-Terphenyl	84-15-1	103	%	70-130	02.27.2021 15:29



Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

Sample Id: AH-1 (0-1') Matrix: Soil Date Received:02.25.2021 09:35

Lab Sample Id: 689231-001 Date Collected: 02.23.2021 00:00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 02.26.2021 13:30 % Moisture:

Seq Number: 3151967

Basis:	Wet Weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00198	0.00198		mg/kg	02.26.2021 16:46	U	1
Toluene	108-88-3	< 0.00198	0.00198		mg/kg	02.26.2021 16:46	U	1
Ethylbenzene	100-41-4	< 0.00198	0.00198		mg/kg	02.26.2021 16:46	U	1
m,p-Xylenes	179601-23-1	< 0.00396	0.00396		mg/kg	02.26.2021 16:46	U	1
o-Xylene	95-47-6	< 0.00198	0.00198		mg/kg	02.26.2021 16:46	U	1
Total Xylenes	1330-20-7	< 0.00198	0.00198		mg/kg	02.26.2021 16:46	U	1
Total BTEX		< 0.00198	0.00198		mg/kg	02.26.2021 16:46	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	83	%	70-130	02.26.2021 16:46		
1,4-Difluorobenzene		540-36-3	105	%	70-130	02.26.2021 16:46		



Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

02.25.2021 19:00

Sample Id: AH-1 (1.5'-2') Matrix: Date Received:02.25.2021 09:35

Lab Sample Id: 689231-002 Date Collected: 02.23.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Tech: CHE

CHE Analyst:

Seq Number: 3151847

Soil

Prep Method: E300P

% Moisture:

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	6.01	4.99	mg/kg	02.25.2021 23:49		1

Date Prep:

Analytical Method: TPH By SW8015 Mod

Tech:

DVM

ARM Analyst: Seq Number: 3152062

Date Prep: 02.27.2021 09:00 % Moisture:

Basis:

Prep Method: SW8015P

Wet Weight

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9		mg/kg	02.27.2021 15:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9		mg/kg	02.27.2021 15:50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9		mg/kg	02.27.2021 15:50	U	1
Total TPH	PHC635	<49.9	49.9		mg/kg	02.27.2021 15:50	U	1
Surrogate	•	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date
1-Chlorooctane	111-85-3	79	%	70-130	02.27.2021 15:50
o-Terphenyl	84-15-1	90	%	70-130	02.27.2021 15:50



Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

Sample Id: AH-1 (1.5'-2') Matrix: Soil Date Received:02.25.2021 09:35

Lab Sample Id: 689231-002 Date Collected: 02.23.2021 00:00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 02.26.2021 13:30 % Moisture:

Seq Number: 3151967

Date Prep: 02.26.2021 15.30

Basis: Wet Weight

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00198	0.00198		mg/kg	02.26.2021 17:07	U	1
Toluene	108-88-3	< 0.00198	0.00198		mg/kg	02.26.2021 17:07	U	1
Ethylbenzene	100-41-4	< 0.00198	0.00198		mg/kg	02.26.2021 17:07	U	1
m,p-Xylenes	179601-23-1	< 0.00397	0.00397		mg/kg	02.26.2021 17:07	U	1
o-Xylene	95-47-6	< 0.00198	0.00198		mg/kg	02.26.2021 17:07	U	1
Total Xylenes	1330-20-7	< 0.00198	0.00198		mg/kg	02.26.2021 17:07	U	1
Total BTEX		< 0.00198	0.00198		mg/kg	02.26.2021 17:07	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	82	%	70-130	02.26.2021 17:07		
1,4-Difluorobenzene		540-36-3	100	%	70-130	02.26.2021 17:07		



Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

02.25.2021 19:00

Sample Id: AH-1 (2.5'-3') Matrix: Soil Date Received:02.25.2021 09:35

Lab Sample Id: 689231-003 Date Collected: 02.23.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Tech: CHE

CHE Analyst:

Seq Number: 3151847

Prep Method: E300P

% Moisture:

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.58	4.99	mg/kg	02.26.2021 00:05		1

Date Prep:

Analytical Method: TPH By SW8015 Mod

Tech:

DVM

ARM Analyst: Seq Number: 3152062

Date Prep: 02.27.2021 09:00 % Moisture:

Basis:

Wet Weight

Prep Method: SW8015P

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9		mg/kg	02.27.2021 16:33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9		mg/kg	02.27.2021 16:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9		mg/kg	02.27.2021 16:33	U	1
Total TPH	PHC635	<49.9	49.9		mg/kg	02.27.2021 16:33	U	1
Surrogate	C	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	



Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

Sample Id: AH-1 (2.5'-3') Matrix: Soil Date Received:02.25.2021 09:35

Lab Sample Id: 689231-003 Date Collected: 02.23.2021 00:00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 02.26.2021 13:30 % Moisture:

Seq Number: 3151967

Basis: Wet Weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	02.26.2021 17:28	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	02.26.2021 17:28	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	02.26.2021 17:28	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	02.26.2021 17:28	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	02.26.2021 17:28	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	02.26.2021 17:28	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	02.26.2021 17:28	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	353	%	70-130	02.26.2021 17:28	**	
1,4-Difluorobenzene		540-36-3	112	%	70-130	02.26.2021 17:28		



Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

Sample Id: AH-1 (3.5'-4') Matrix: Soil Date Received:02.25.2021 09:35

Date Prep:

Lab Sample Id: 689231-004 Date Collected: 02.23.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Tech: CHE

Analyst: CHE

Seq Number: 3151847

02.25.2021 19:00

Prep Method: E300P

% Moisture:

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	16.4	4.99	mg/kg	02.26.2021 00:11		1

Analytical Method: TPH By SW8015 Mod

Tech: DVM

Analyst: ARM Seq Number: 3152062

Date Prep: 02.27.2021 09:00

% Moisture:

Basis: Wet Weight

Prep Method: SW8015P

Cas Number Result RL**Parameter** Units **Analysis Date** Flag Dil Gasoline Range Hydrocarbons (GRO) PHC610 U <49.8 49.8 02.27.2021 16:55 mg/kg Diesel Range Organics (DRO) C10C28DRO <49.8 49.8 02.27.2021 16:55 U mg/kg 1 Motor Oil Range Hydrocarbons (MRO) PHCG2835 02.27.2021 16:55 <49.8 49.8 mg/kg U 1 Total TPH mg/kg PHC635 <49.8 49.8 02.27.2021 16:55 U Flag

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date
1-Chlorooctane	111-85-3	81	%	70-130	02.27.2021 16:55
o-Terphenyl	84-15-1	96	%	70-130	02.27.2021 16:55



Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

Sample Id: AH-1 (3.5'-4') Matrix: Soil Date Received:02.25.2021 09:35

Lab Sample Id: 689231-004 Date Collected: 02.23.2021 00:00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 02.26.2021 13:30 % Moisture:

Seq Number: 3151967

Basis: Wet Weight

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	02.26.2021 17:48	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	02.26.2021 17:48	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	02.26.2021 17:48	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	02.26.2021 17:48	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	02.26.2021 17:48	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	02.26.2021 17:48	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	02.26.2021 17:48	U	1
Surrogate	Ca	s Number	% Recovery	Units	Limits	Analysis Date	Flag	

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	70-130	02.26.2021 17:48	
1,4-Difluorobenzene	540-36-3	105	%	70-130	02.26.2021 17:48	

Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

Sample Id: AH-2 (0-1') Matrix: Soil Date Received:02.25.2021 09:35

Date Prep:

Date Collected: 02.23.2021 00:00 Lab Sample Id: 689231-005

Analytical Method: Inorganic Anions by EPA 300/300.1

CHE Tech:

CHE Analyst:

Seq Number: 3151847

02.25.2021 19:00

Prep Method: E300P

% Moisture:

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.97	4.97	mg/kg	02.26.2021 00:16	U	1

Analytical Method: TPH By SW8015 Mod

Tech: DVM

ARM Analyst: Seq Number: 3152062 Date Prep: 02.27.2021 09:00

% Moisture:

Basis: Wet Weight

Prep Method: SW8015P

Cas Number Result RL**Parameter** Units **Analysis Date** Flag Dil Gasoline Range Hydrocarbons (GRO) PHC610 50.0 02.27.2021 17:16 U < 50.0 mg/kg Diesel Range Organics (DRO) C10C28DRO 50.0 02.27.2021 17:16 U < 50.0 mg/kg 1 Motor Oil Range Hydrocarbons (MRO) PHCG2835 mg/kg 02.27.2021 17:16 < 50.0 50.0 U 1 Total TPH mg/kg PHC635 < 50.0 50.0 02.27.2021 17:16 U Flag

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date
1-Chlorooctane	111-85-3	80	%	70-130	02.27.2021 17:16
o-Terphenyl	84-15-1	91	%	70-130	02.27.2021 17:16

Wet Weight



Certificate of Analytical Results 689231

Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

Sample Id: AH-2 (0-1') Matrix: Soil Date Received:02.25.2021 09:35

Lab Sample Id: 689231-005 Date Collected: 02.23.2021 00:00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 02.26.2021 13:30 % Moisture: Basis:

Seq Number: 3151967

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199	mg/kg	02.26.2021 18:09	U	1
Toluene	108-88-3	< 0.00199	0.00199	mg/kg	02.26.2021 18:09	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199	mg/kg	02.26.2021 18:09	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398	mg/kg	02.26.2021 18:09	U	1
o-Xylene	95-47-6	< 0.00199	0.00199	mg/kg	02.26.2021 18:09	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199	mg/kg	02.26.2021 18:09	U	1
Total BTEX		< 0.00199	0.00199	mg/kg	02.26.2021 18:09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	95	%	70-130	02.26.2021 18:09	
1,4-Difluorobenzene	540-36-3	99	%	70-130	02.26.2021 18:09	



Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

02.25.2021 19:00

Sample Id: AH-2 (1.5'-2') Matrix: Soil Date Received:02.25.2021 09:35

Lab Sample Id: 689231-006 Date Collected: 02.23.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Tech: CHE

CHE Analyst:

Seq Number: 3151847

Prep Method: E300P

% Moisture:

Basis: Wet Weight

Prep Method: SW8015P

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	13.1	4.96	mg/kg	02.26.2021 00:22		1

Date Prep:

Analytical Method: TPH By SW8015 Mod

Tech:

DVM

ARM Analyst: Seq Number: 3152062

Date Prep: 02.27.2021 09:00 % Moisture:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	< 50.0	50.0		mg/kg	02.27.2021 17:37	U	1
Diesel Range Organics (DRO)	C10C28DRO	< 50.0	50.0		mg/kg	02.27.2021 17:37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	< 50.0	50.0		mg/kg	02.27.2021 17:37	U	1
Total TPH	PHC635	< 50.0	50.0		mg/kg	02.27.2021 17:37	U	1
Surrogate	C	as Number	% Recovery	Units	Limits	Analysis Date	Flag	

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date
1-Chlorooctane	111-85-3	78	%	70-130	02.27.2021 17:37
o-Terphenyl	84-15-1	91	%	70-130	02.27.2021 17:37

Wet Weight



Certificate of Analytical Results 689231

Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

Sample Id: AH-2 (1.5'-2') Matrix: Soil Date Received:02.25.2021 09:35

Lab Sample Id: 689231-006 Date Collected: 02.23.2021 00:00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 02.26.2021 13:30 % Moisture: Basis:

Seq Number: 3151967

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200	mg/kg	02.26.2021 18:30	U	1
Toluene	108-88-3	< 0.00200	0.00200	mg/kg	02.26.2021 18:30	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200	mg/kg	02.26.2021 18:30	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399	mg/kg	02.26.2021 18:30	U	1
o-Xylene	95-47-6	< 0.00200	0.00200	mg/kg	02.26.2021 18:30	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200	mg/kg	02.26.2021 18:30	U	1
Total BTEX		< 0.00200	0.00200	mg/kg	02.26.2021 18:30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	02.26.2021 18:30	
4-Bromofluorobenzene	460-00-4	92	%	70-130	02.26.2021 18:30	



Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

02.25.2021 19:00

Sample Id: AH-2(2.5'-3') Matrix: Soil Date Received:02.25.2021 09:35

Date Prep:

Lab Sample Id: 689231-007 Date Collected: 02.23.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Tech: CHE

CHE Analyst:

Seq Number: 3151847

Prep Method: E300P

% Moisture:

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	23.6	5.02	mg/kg	02.26.2021 00:27		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

DVM Tech:

Seq Number: 3152062

ARM Analyst:

Date Prep: 02.27.2021 09:00 % Moisture:

Basis: Wet Weight

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	< 50.0	50.0		mg/kg	02.27.2021 17:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	< 50.0	50.0		mg/kg	02.27.2021 17:59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	< 50.0	50.0		mg/kg	02.27.2021 17:59	U	1
Total TPH	PHC635	< 50.0	50.0		mg/kg	02.27.2021 17:59	U	1
Surrogate	C	as Number	% Recovery	Units	Limits	Analysis Date	Flag	

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date
1-Chlorooctane	111-85-3	80	%	70-130	02.27.2021 17:59
o-Terphenyl	84-15-1	93	%	70-130	02.27.2021 17:59

AH-2(2.5'-3')

Date Received:02.25.2021 09:35



Certificate of Analytical Results 689231

Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

Soil

Lab Sample Id: 689231-007 Date Collected: 02.23.2021 00:00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Matrix:

Tech: KTL

Sample Id:

Analyst: KTL Date Prep: 02.26.2021 13:30 % Moisture:

Seq Number: 3151967

Date Prep: 02.26.2021 15.30

Basis: Wet Weight

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	02.26.2021 18:50	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	02.26.2021 18:50	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	02.26.2021 18:50	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	02.26.2021 18:50	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	02.26.2021 18:50	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	02.26.2021 18:50	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	02.26.2021 18:50	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	94	%	70-130	02.26.2021 18:50		
1,4-Difluorobenzene		540-36-3	104	%	70-130	02.26.2021 18:50		



Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

Lab Sample Id: 689231-008 Date Collected: 02.23.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

AH-2 (3.5'-4')

Tech: CHE

Sample Id:

CHE Analyst:

Seq Number: 3151847

Matrix: Soil

Prep Method: E300P

% Moisture:

Basis: Wet Weight

Prep Method: SW8015P

Date Received:02.25.2021 09:35

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	26.4	5.04	mg/kg	02.26.2021 00:33		1

Date Prep:

Analytical Method: TPH By SW8015 Mod

DVM Tech:

Analyst: Seq Number: 3152062

ARM

Date Prep:

02.27.2021 09:00

02.25.2021 19:00

% Moisture:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9		mg/kg	02.27.2021 18:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9		mg/kg	02.27.2021 18:20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9		mg/kg	02.27.2021 18:20	U	1
Total TPH	PHC635	<49.9	49.9		mg/kg	02.27.2021 18:20	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	

Wet Weight



Certificate of Analytical Results 689231

Tetra Tech- Midland, Midland, TX

Glowworm ALX Federal #14

Sample Id: AH-2 (3.5'-4') Matrix: Soil Date Received:02.25.2021 09:35

Lab Sample Id: 689231-008 Date Collected: 02.23.2021 00:00

Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A

Tech: KTL

Analyst: KTL Date Prep: 02.26.2021 13:30 % Moisture: Basis:

Seq Number: 3151967

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201	mg/kg	02.26.2021 19:11	U	1
Toluene	108-88-3	< 0.00201	0.00201	mg/kg	02.26.2021 19:11	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201	mg/kg	02.26.2021 19:11	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402	mg/kg	02.26.2021 19:11	U	1
o-Xylene	95-47-6	< 0.00201	0.00201	mg/kg	02.26.2021 19:11	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201	mg/kg	02.26.2021 19:11	U	1
Total BTEX		< 0.00201	0.00201	mg/kg	02.26.2021 19:11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	02.26.2021 19:11	
1,4-Difluorobenzene	540-36-3	101	%	70-130	02.26.2021 19:11	



Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- **K** Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit SDL Sample Detection Limit LOD Limit of Detection

PQL Practical Quantitation Limit MQL Method Quantitation Limit LOQ Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample BLK Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample BKSD/LCSD Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate MS Matrix Spike MSD: Matrix Spike Duplicate

- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

^{**} Surrogate recovered outside laboratory control limit.

QC Summary 689231

🍪 eurofins **Environment Testing** Xenco

Tetra Tech- Midland

Glowworm ALX Federal #14

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3151847 Matrix: Solid

Date Prep: 02.25.2021

Limits

LCS Sample Id: 7722019-1-BKS MB Sample Id: 7722019-1-BLK

LCSD Sample Id: 7722019-1-BSD RPD %RPD Units Analysis Flag

E300P

E300P

Date

Flag

E300P

Prep Method:

Limit

LCS MB Spike LCS LCSD LCSD **Parameter** Result Amount Result %Rec Result %Rec

Chloride < 5.00 250 239 237 95 90-110 20 02.25.2021 22:00 96 1 mg/kg

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: 3151847 Matrix: Soil Date Prep: 02.25.2021

Seq Number: 689049-022 689049-022 S MS Sample Id: MSD Sample Id: 689049-022 SD Parent Sample Id:

Parent Spike MS MS MSD MSD Limits %RPD RPD Units Analysis **Parameter** Flag Result Amount Result %Rec %Rec Limit Date Result 02.25.2021 22:16 Chloride 179 251 421 96 419 96 90-110 0 20 mg/kg

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: 3151847 Seq Number: Matrix: Date Prep: 02.25.2021

MS Sample Id: 689052-006 S MSD Sample Id: 689052-006 SD Parent Sample Id: 689052-006

Spike **RPD Parent** MS MS %RPD Units MSD **MSD** Limite Analysis Flag **Parameter** Result Result Limit Date Amount %Rec Result %Rec Chloride 250 20 02.25.2021 23:33 12.1 253 96 252 96 90-110 0 mg/kg

Analytical Method: TPH By SW8015 Mod

SW8015P Prep Method: 3152062 Matrix: Solid Seq Number: Date Prep: 02.27.2021

LCS Sample Id: 7722185-1-BKS LCSD Sample Id: 7722185-1-BSD MB Sample Id: 7722185-1-BLK

MB Spike LCS LCS LCSD LCSD Limits %RPD **RPD** Units Analysis **Parameter** Result Limit Date Result Amount %Rec %Rec Result Gasoline Range Hydrocarbons (GRO) 02.27.2021 11:14 70-130 20 < 50.0 1000 883 88 892 89 mg/kg 1 02.27.2021 11:14 Diesel Range Organics (DRO) 813 81 828 83 70-130 2 20 < 50.0 1000 mg/kg

LCS MBMB LCS LCSD Limits Units Analysis LCSD **Surrogate** %Rec %Rec Flag Date Flag %Rec Flag 02.27.2021 11:14 1-Chlorooctane 83 80 80 70-130 % 02.27.2021 11:14 o-Terphenyl 99 85 86 70-130 %

Analytical Method: TPH By SW8015 Mod

Prep Method: Seq Number: 3152062 Matrix: Solid Date Prep: 02.27.2021

MB Sample Id: 7722185-1-BLK

MBUnits Analysis Flag **Parameter** Result Date 02.27.2021 10:53 mg/kg

Motor Oil Range Hydrocarbons (MRO) < 50.0

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample = Parent Result

= MS/LCS Result = MSD/LCSD Result MS = Matrix Spike B = Spike AddedD = MSD/LCSD % Rec

SW8015P

Flag

Flag

Flag

Seq Number:

Parent Sample Id:

MB Sample Id:

QC Summary 689231

Tetra Tech- Midland

Glowworm ALX Federal #14

Analytical Method: TPH By SW8015 Mod

3152062

689232-021

Matrix: Soil

SW8015P Prep Method:

02.27.2021 Date Prep:

MSD Sample Id: 689232-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date
Gasoline Range Hydrocarbons (GRO)	<49.9	997	786	79	885	89	70-130	12	20	mg/kg	02.27.2021 12:18
Diesel Range Organics (DRO)	<49.9	997	786	79	819	82	70-130	4	20	mg/kg	02.27.2021 12:18

MS Sample Id: 689232-021 S

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	71		87		70-130	%	02.27.2021 12:18
o-Terphenyl	71		85		70-130	%	02.27.2021 12:18

Analytical Method: BTEX by EPA 8021B

Seq Number: 3151967

7722131-1-BLK

Matrix: Solid

LCS Sample Id: 7722131-1-BKS

Prep Method:

SW5035A

Date Prep: 02.26.2021

LCSD Sample Id: 7722131-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date
Benzene	< 0.00200	0.100	0.0999	100	0.112	112	70-130	11	35	mg/kg	02.26.2021 14:22
Toluene	< 0.00200	0.100	0.0915	92	0.0968	97	70-130	6	35	mg/kg	02.26.2021 14:22
Ethylbenzene	< 0.00200	0.100	0.0837	84	0.0894	89	70-130	7	35	mg/kg	02.26.2021 14:22
m,p-Xylenes	< 0.00400	0.200	0.172	86	0.183	92	70-130	6	35	mg/kg	02.26.2021 14:22
o-Xylene	< 0.00200	0.100	0.0821	82	0.0848	85	70-130	3	35	mg/kg	02.26.2021 14:22

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	131	**	106		110		70-130	%	02.26.2021 14:22
4-Bromofluorobenzene	72		76		76		70-130	%	02.26.2021 14:22

Analytical Method: BTEX by EPA 8021B

Seq Number: 3151967 Parent Sample Id:

689231-001

Matrix: Soil

MS Sample Id: 689231-001 S

Prep Method: Date Prep:

SW5035A 02.26.2021

MSD Sample Id: 689231-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	I
Benzene	< 0.00199	0.0996	0.115	115	0.110	111	70-130	4	35	mg/kg	02.26.2021 15:04	
Toluene	< 0.00199	0.0996	0.101	101	0.0946	95	70-130	7	35	mg/kg	02.26.2021 15:04	
Ethylbenzene	< 0.00199	0.0996	0.0956	96	0.0837	84	70-130	13	35	mg/kg	02.26.2021 15:04	
m,p-Xylenes	< 0.00398	0.199	0.202	102	0.184	93	70-130	9	35	mg/kg	02.26.2021 15:04	
o-Xylene	< 0.00199	0.0996	0.0934	94	0.0856	86	70-130	9	35	mg/kg	02.26.2021 15:04	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	107		107		70-130	%	02.26.2021 15:04
4-Bromofluorobenzene	81		90		70-130	%	02.26.2021 15:04

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

	CD. 10/nelinquished by:		Relinquished by:		Relinquished by:										(LAB USE)	LAB#			Receiving Laboratory:	invoice to:	Project Location: (county, state)	rroject Name:		Client Name:
	Date: Time:		Pate: Time:	i Q	Date: Time:		AH-2 (3.5'-4')	AH-2 (2.5'-3')	AH-2 (1.5'-2')	AH-2 (0-1')	AH-1 (3.5'-4')	AH-1 (2.5'-3')	AH-1 (1.5'-2')	AH-1 (0-1')		SAMPLE IDENTIFICATION			Xenco	James Kennedy	Eddy County, New Mexico	Glowworm ALX Federal #14	EOG	Tetra Tech, Inc.
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Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Acceptable Temperature Range: 0 - 6 degC

Date/ Time Received: 02.25.2021 09.35.00 AM Air and Metal samples Acceptable Range: Ambient

Work Order #: 689231 Temperature Measuring device used : IR8

	Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?		5.2	
#2 *Shipping container in good condition?		Yes	
#3 *Samples received on ice?		Yes	
#4 *Custody Seals intact on shipping conta	iner/ cooler?	N/A	
#5 Custody Seals intact on sample bottles?	?	N/A	
#6*Custody Seals Signed and dated?		N/A	
#7 *Chain of Custody present?		Yes	
#8 Any missing/extra samples?		No	
#9 Chain of Custody signed when relinquis	hed/ received?	Yes	
#10 Chain of Custody agrees with sample	labels/matrix?	Yes	
#11 Container label(s) legible and intact?		Yes	
#12 Samples in proper container/ bottle?		Yes	
#13 Samples properly preserved?		Yes	
#14 Sample container(s) intact?		Yes	
#15 Sufficient sample amount for indicated	test(s)?	Yes	
#16 All samples received within hold time?		Yes	
#17 Subcontract of sample(s)?		N/A	
#18 Water VOC samples have zero heads	pace?	N/A	

Must be completed for after-hours delivery of samples	prior to placing in the refrigerator
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Checklist completed by:	NO VV	Date: <u>02.25.2021</u>	_
	Brianna Teel		
Checklist reviewed by:	Jessica Vramer	Date: 02 25 2021	

Jessica Kramer

PH Device/Lot#:

Analyst:

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

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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 55286

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	55286
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	11/16/2021