

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

February 28, 2022

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

Re:

Federal AY #1 30-015-10890 F-25-18S-25E

Eddy County, New Mexico

2RP-4735 NAB1813053140

Mr. Billings,

EOG Resources, Inc. is submitting the enclosed Closure Report for the above referenced site. The plan is being submitted accompanying the C-141 Closure on the most recent form.

The original Closure Report was submitted through the New Mexico Tech Project, however with no formal response received and the conclusion of that project, EOG Resources, Inc. hereby again submits the Closure Report for above referenced site.

Included with this Closure Report request is the Remediation Plan submitted for the site and the NMOCD Remediation Plan Approval Email.

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

Respectfully,

Chase Settle

Received by OCD: 2/28/2022 4:29:58 PM

Rep Safety & Environmental Sr.

EOG Resources, Inc.

Chase Settle



February 28, 2022

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EOG Resources, Inc.

Federal AY #1

Closure Report

F-25-18S-25E

Eddy County, New Mexico

February 28, 2022

2RP-4735

NAB1813053140

Federal AY #1 Closure Report 2RP-4735 NAB1813053140



February 28, 2022

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February 28, 2022

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Appendix AC-141 (Updated Form)

Received by OCD: 2/28/2022 4:29:58 PM

<u>District I</u> 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 <u>District IV</u> 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

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Incident ID	NAB1813053140	
District RP	2RP-4735	
Facility ID		
Application ID		

Release Notification

Responsible Party

Contact mailing address 104 S. 4th Street, Artesia, NM 88210 Location of Release Source			
Latitude 32.71580 Longitude -104.43514			
(NAD 83 in decimal degrees to 5 decimal places)			
Site Name Federal AY #1 Site Type Battery			
Date Release Discovered 05/04/2018 API# (if applicable) 30-015-10890			
F 25 18S 25E Eddy Surface Owner: State Federal Tribal Private (Name:)			
)			
_)			
_)			
_)			

Cause of Release Please refer to the original C-141 for details of 2RP-4735.

Incident ID	NAB1813053140
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Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the response	onsible party consider this a major release?	
19.15.29.7(A) NMAC?			
☐ Yes ☑ No			
If YES, was immediate no	 otice given to the OCD? By whom? To w	whom? When and by what means (phone, email, etc)?	
Initial Response			
The responsible p	party must undertake the following actions immediat	ely unless they could create a safety hazard that would result in injury	
☐ The source of the release has been stopped.			
1 .	s been secured to protect human health and	d the environment.	
Released materials ha	ave been contained via the use of berms or	dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.			
If all the actions described above have <u>not</u> been undertaken, explain why:			
Per 19.15.29.8 B. (4) NM	AC the responsible party may commence	remediation immediately after discovery of a release. If remediation	
has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred			
within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.			
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.			
	2attle	Title: Rep Safety & Environmental Sr	
_	Settle S 44		
Signature: Chase			
email: Chase_Settle(@eogresources.com	Telephone: <u>575-748-1471</u>	
OCD Only			
Received by:		Date:	
ı			

Incident ID	NAB1813053140
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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? Did this release impact groundwater or surface water? Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? 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? 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? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? □ Yes □ No □ Yes □ No		
Are the lateral extents of the release within 300 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 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? 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?	What is the shallowest depth to groundwater beneath the area affected by the release?	200 (ft bgs)
watercourse? 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? 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	Did this release impact groundwater or surface water?	☐ Yes ☑ No
ordinary high-water mark)? Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? 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
or church? 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
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?	1	☐ 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?	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? ☐ Yes ☑ No	Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas not on an exploration, development, production, or storage site?	Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☑ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

<u>Ch</u>	aracterization Report Checklist: Each of the following tiems must be included in the report.
\bigvee	Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
\square	Field data
\square	Data table of soil contaminant concentration data
	Depth to water determination
\bigvee	Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
	Boring or excavation logs
\bigvee	Photographs including date and GIS information
\square	Topographic/Aerial maps

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.

☐ Laboratory data including chain of custody

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Facility ID	
Application ID	

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.

Printed Name: Chase Settle

Title: Rep Safety & Environmental Sr

Date: 02/28/2022

Email: Chase_Settle@eogresources.com

Telephone: 575-748-1471

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

OCD Only

Received by:

Date: _____

Incident ID	NAB1813053140
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Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.			
 ✓ Detailed description of proposed remediation technique ✓ Scaled sitemap with GPS coordinates showing delineation poin ✓ pEstimated volume of material to be remediated ✓ Closure criteria is to Table 1 specifications subject to 19.15.29. ✓ Proposed schedule for remediation (note if remediation plan tin 	12(C)(4) NMAC		
Deferral Requests Only: Each of the following items must be con	nfirmed as part of any request for deferral of remediation.		
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.			
Extents of contamination must be fully delineated.			
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.		
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.			
Printed Name: Chase Settle	Title: Rep Safety & Environmental Sr		
Signature: Chase Settle	Date: 02/28/2022		
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471		
OCD Only			
Received by:	Date:		
☐ Approved ☐ Approved with Attached Conditions of	Approval		
Signature:	Date:		

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

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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.

Photographs of the remediated site prior to backfill or photographs be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office	
☐ Laboratory analyses of final sampling (Note: appropriate ODC 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 certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in	
Printed Name: Chase Settle	Title: Rep Safety & Environmental Sr	
Signature: Chase Settle		
email: Chase_Settle@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:	Date: _03/24/2022	
Closure Approved by:	Title:Environmental Specialist A	



February 28, 2022

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Appendix BRemediation Plan







talonipe.com • 866.742.0742



Soil Assessment and Remediation Work Plan

Federal AY #1
API # 30-015-10890
2RP-____
Talon Project No. 700794.202.01

Prepared For:

EOG Resources 105 4th Street Artesia, New Mexico 88210

Prepared By:

TALON/LPE 408 W. Texas Avenue Artesia, New Mexico 88210

May 4, 2018

Received by OCD: 2/28/2022 4:29:58 PM

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Mr. Mike Bratcher **NMOCD District 2** 811 S. 1st Street Artesia, NM 88210

Subject:

Soil Assessment and Remediation Work Plan

Federal AY #1

API#30-015-10890

Dear Mr. Bratcher,

EOG Energy has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment and proposed remediation activities consist of the following.

Site Information

The Federal AY #1 is located approximately fifteen (15) miles southwest of Artesia, New Mexico. The legal location for this release is Unit Letter F, Section 25, Township 18 South and Range 25 East in Eddy County, New Mexico. More specifically the latitude and longitude for the project work area are 32.715804 North and -104.435142 West. A site plan is presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Reagan loam with 0 to 3 percent slopes. The local surface and shallow geology, Quaternary Age sedimentary deposits, is comprised of alluvium and eolian sands which includes silty soils under lain by gypsum and hard. Drainage courses in this area are normally dry.

Ground Water and Site Ranking

The New Mexico State Engineer web site indicates the nearest ground water is 200' below ground surface (BGS). See Appendix II for the referenced groundwater data.

Therefore the ranking for this site is a 0 based on the following:

Depth to ground water >100'
Wellhead Protection Area >1000'
Distance to surface water body >1000'

Based upon the site ranking of 0, NMOCD Recommended Remedial Action Levels (RRAL) are 50 mg/kg for BTEX, 10 mg/kg for Benzene and 5,000 mg/kg for TPH. The recommended guideline for Total Chlorides is 600 mg/kg.

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Incident Description and Initial Remedial Actions

The Federal AY #1 was plugged and abandoned on July 5, 2016. Talon was asked to perform site assessment and soil sampling activities in the bare areas in order to reclaim the location to its natural state. Upon receiving the analytical results it was determined that there was historical contamination caused from an unknown release. A site plan is presented in Appendix I.

On December 8, 2017, Talon mobilized personnel and equipment to begin the site assessment and soil sampling activities for the construction of a work plan utilizing an excavator. An air rotary drill rig was subsequently mobilized to the location to complete vertical delineation at greater depths. The results of our soil sampling activities are summarized in the table below and the complete laboratory reports are attached in Appendix III.

Talon personnel wearing clean nitrile gloves collected all soil samples. The soil samples were placed in laboratory provided sample containers, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for TPH Extended Range (Total Petroleum Hydrocarbons) using EPA Method 8015M and volatile organics (BTEX) using EPA Method 8021B. The chloride samples were analyzed using Method SM4500Cl-B.

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO	TPH (mg/kg) EXT DRO
S-1	3.0	<0.300	9200	<10	<10	<10
	5.0	< 0.300	15600	<10	<10	<10
	8.0	< 0.300	14000	<10	<10	<10
	10.0	< 0.300	14000	<10	<10	<10
	12.0	< 0.300	11200	<10	<10	<10
	15.0		5040			
	20.0		2240			
	25.0		1140			
	30.0		480			
	35.0		128			
	40.0		64			
S-2	3.0	<0.300	1840	<10	<10	<10
	5.0	< 0.300	1400	<10	<10	<10
	8.0	< 0.300	1840	<10	<10	<10
	10.0	< 0.300	2720	<10	<10	<10
	12.0	< 0.300	1400	<10	<10	<10
	15.0		1600			
	20.0	4-	1300			
	25.0		576			
	30.0		208			
	35.0		160			
			reday h	millergast	Tankin to	

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Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO	TPH (mg/kg) EXT DRO
S-3	3.0	<0.300	3680	<10	<10	<10
	5.0	< 0.300	1520	<10	<10	<10
	8.0	<0.300	320	<10	<10	<10
	10.0	< 0.300	624	<10	<10	<10
	12.0	<0.300	336	<10	<10	<10
	2.0	*0.200	E (0 0	 -10	<10	<10
S-4	3.0	<0.300	5680	<10	***************************************	
	5.0	<0.300	4640	<10	<10	<10
	8.0	<0.300	4240	<10	<10	<10
	10.0	<0.300	2800	<10	<10	<10
	12.0	< 0.300	3440	<10	<10	<10
	15.0		2320			
	20.0	<u> </u>	1800			
	25.0		400			
	30.0		288			
	35.0		112			
englis tra menjira	40,0		80			
S-5	3.0	<0.300	3440	<10	<10	<10
-	5.0	< 0.300	2000	<10	<10	<10
	8.0	< 0.300	960	<10	<10	<10
	10.0	< 0.300	672	<10	<10	<10
	12.0	<0.300	448	<10	<10	<10
S-6	0.0	<0.300	1520	<10	<10	<10
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	0.5	<0.300	640	17.0	216	144
	1.0	<0.300	896	15.7	251	148
	2.0	<0.300	784	<50	1760	526
	3.0	<0.300	896	14.1	2290	703
	5.0	<0.300	880	<10	58.5	57.3
	8.0	<0.300	640	<10	35.8	16.8
	10.0	<0.300	480	<10	<10	<10
	12.0	<0.300	192	<10	<10	. <10
S-7	0.0	<0.300	2320	<50	673	267
B-7	0.5	<0.300	1250	<10	26.7	45.7
	1.0	<0.300	1040	<100	4690	2530
	2.0	0.730	848	<100	12100	4230
	3.0	11.3	736	338	6930	1570
	5.0	8.98	768	186	3290	593
	8.0	0.926	960	16.5	294	49.6
	10.0	2.34	1680	64.0	1050	179
	The state of the s	<0.300	4320	<10	29.5	10.6
	12.0	ļ	1010		 	1
	15.0					
	20.0		1120 944			

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Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO	TPH (mg/kg) EXT DRO
S-7, cont	30.0		3440			
-	35.0		6080			
<mark>u e r</mark> ancoranto que e <mark>n 19</mark> 00	40.0		8640			
	45.0		7520			
	50.0		7360			
	55.0		2880			
	60.0		4800			
	65.0		3520			
	70.0		1340			
	75.0		1060			
	80.0		2760			
Refusal	85.0		1390			
V	The State of the S	TO THE PROPERTY OF THE PARTY OF		The Way on the	11 M 120 V V = -11 V	1 1 14 7
S-8	0.0	<0.300	3360	<50	517	240
	0.5	< 0.300	3200	<50	461	208
	1.0	<0.300	2800	18.9	790	150
	2.0	< 0.300	3360	24.0	1180	322
	3.0	<0.300	4080	<10	150	44.6
	5.0	<0.300	3200	16.9	711	177
inna ir anna ann an aireann	8.0	<0.300	1420	<50	110	117
	10.0	<0.300	1020	<10	<10	<10
	12.0	< 0.300	656	<10	<10	13.8
***************************************	15.0		1960	-		-
	20.0		3760			4-
	25.0		4080			
	30.0		3360			
57 7	35.0		176			
	40.0		144			
	45.0		96		- 1	
gueulo pulta necessiti recon				A A		
BG-1	0.0	<0.300	16	<10	<10	<10
ז-טע	0.5	<0.300	16	<10	<10	<10
A CONTRACTOR OF THE PARTY OF TH	1.0	<0.300	16	<10	<10	<10
	2.0	<0.300	<16	<10	<10	<10
	3.0	<0.300	288	<10	<10	<10
	5.0	<0.300	256	<10	<10	<10
	8.0	<0.300	272	<10	<10	<10
		<0.300	144	<10	<10	<10
	10.0	<0.300	176	<10	<10	<10
	12.0	<0.300	170	~10	<u></u>	<u> </u>

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Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO	TPH (mg/kg) EXT DRO
BG-2	0.0	<0.300	<16	<10	<10	<10
	0.5	< 0.300	80	<10	<10	<10
	1.0	< 0.300	32	<10	<10	<10
***************************************	2.0	< 0.300	80	<10	<10	<10
	3.0	< 0.300	96	<10	<10	<10
	5.0	< 0.300	80	<10	<10	<10
	8.0	< 0.300	48	<10	<10	<10
	10.0	< 0.300	32	<10	<10	<10
	12.0	<0.300	64	<10	<10	<10
	A Company					

⁻⁻ Analyte Not Tested

Proposed Remedial Actions

- The impacted areas (shown on the site plan) will be excavated to a depth of 3-feet deep and a clay liner will be installed.
- Field titration screening for chlorides will be used to determine excavation boundaries horizontally.
- Sidewall soil samples will be collected from the excavated areas to verify that all the impacted soil has been removed. Representative samples will be sent for laboratory analysis per EPA Method 300. The results will be forwarded to the BLM for permission to backfill.
- All contaminated soil will be transported to Lea Land, LLC, a NMOCD approved disposal facility.
- Locally obtained topsoil will be transported to the location and placed over the top of the liner.
- The backfilled area will be contoured to match the surrounding terrain and left in a "rough" condition to approximate natural surface deviations, control erosion, and promote revegetation.
- Immediately following preparation of the site, a Culti-Pack Seed Drill will be utilized to plant the BLM recommended seed mixture for the area. The site will be monitored by EOG personnel to insure proper revegetation is achieved. Should revegetation not take place then further amendments will be applied.
- Erosion control berms and windrows will be installed to prevent storm water
- from running across the work area.
- A final closure report documenting all remedial actions will be provided to the NMOCD Artesia Office along with a Final C-141 Form.

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Should you have any questions or if further information is required, please do not hesitate to contact our office at (575)-746-8768

Respectfully submitted,

TALON/LPE

Kimberly M. Wilson

Project Manager

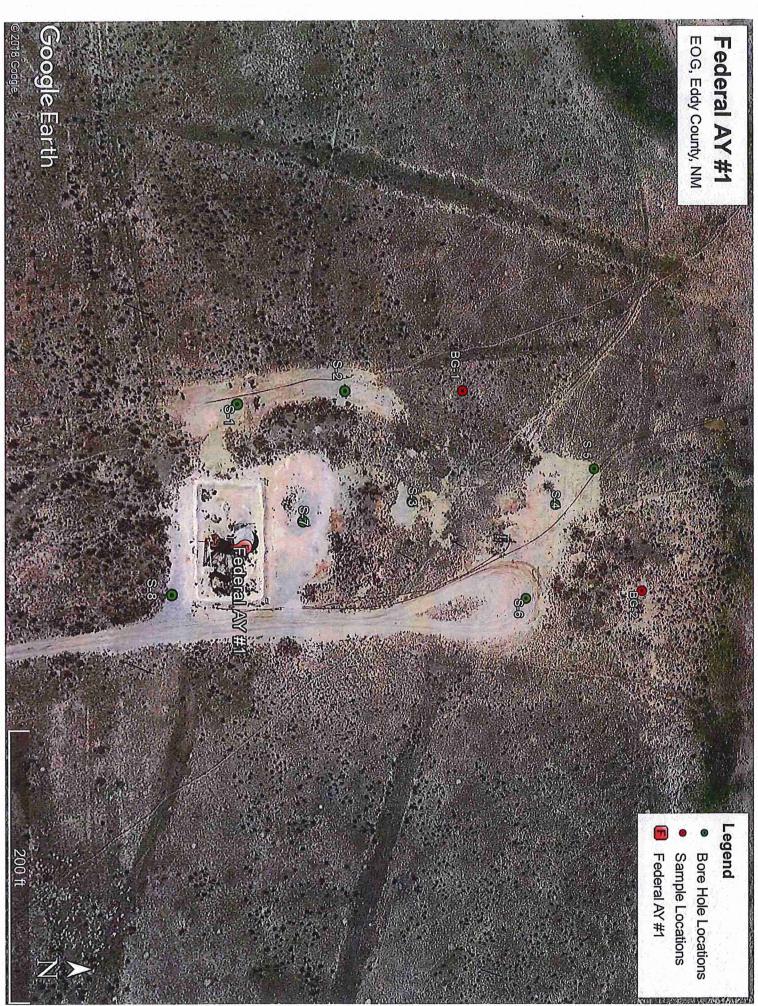
David J. Adkins District Manager

Attachments:

Appendix I Site Plan

Appendix II Groundwater Data Appendix III Laboratory Results

APPENDIX I SITE MAP



Received by OCD: 2/28/2022 4:29:58 PM

APPENDIX II GROUNDWATER DATA

--- Released to Imaging: 3/24/2022 4:08:15 PM



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)

POD

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

(quarters are smallest to

largest)

(NAD83 UTM in meters)

(In feet)

POD Number

Sub-QQQ Code basin County 6416 4 Sec Tws Rng ED

X 551659 3619743 DistanceDepthWellDepthWater Column 1136 455

255

RA 05344

2 4 4 26 18S 25E ED 4 3 25 18S 25E

552484 3619618

1198 255 194

61

46

Water

RA 12548 POD1 RA 05620

ED 3 2 4 24 18S 25E

553142 3621575*

1279

204

158

Average Depth to Water:

184 feet

Minimum Depth:

158 feet

Maximum Depth:

200 feet

Record Count:3

UTMNAD83 Radius Search (in meters):

Easting (X): 552148

Northing (Y): 3620769

Radius: 2000

*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.

2/26/18 2:46 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Released to Imaging: 3/24/2022 4:08:15 PM

Received by OCD: 2/28/2022 4:29:58 PM

APPENDIX III LABORATORY RESULTS



December 20, 2017

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: FEDERAL AY # 1

Enclosed are the results of analyses for samples received by the laboratory on 12/14/17 12:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey & Keens

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Received by OCD: 2/28/2022 4:29:58 PM

Lab Director/Quality Manager

Page 1 of 79



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

12/20/2017

Reported: Project Name:

FEDERAL AY # 1 700438.208.01

Project Number: Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: S-1 3' (H703469-01)

BTEX 8021B	mg/kg		Analyzed By: MS					•	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.96	98.0	2.00	0.335	
Toluene*	<0.050	0.050	12/18/2017	ND	1.95	97.5	2.00	0.250	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.87	93.4	2.00	0.0455	
Total Xylenes*	<0.150	0.150	12/18/2017	ND .	5.84	97.3	6.00	0.633	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.6	% 72-148							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	12/15/2017	ND .	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2017	ND	197	98.3	200	11.3	
DRO >C10-C28*	<10.0	10.0	12/18/2017	ND	180	90.1	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	12/18/2017	ND					
Surrogate: 1-Chlorooctane	87.3 9	% 28.3-164		***************************************	·····				
Surrogate: 1-Chlorooctadecane	83.4 9	% 34.7-157	,						

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*=Accredited Analyte

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Celeg Ditrens



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: Reported: 12/14/2017

12/20/2017

Project Name: Project Number: FEDERAL AY #1

Project Location:

700438.208.01

EOG - EDDY CO NM

Sampling Date:

12/12/2017 Soil

Sampling Type:

Sampling Condition:

Sample Received By:

Cool & Intact

Tamara Oldaker

Sample ID: S-1 5' (H703469-02)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.96	98.0	2.00	0.335	
Toluene*	<0.050	0.050	12/18/2017	ND	1.95	97.5	2.00	0.250	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.87	93.4	2.00	0,0455	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.84	97.3	6.00	0.633	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.0	% 72-148							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifler
Chloride	15600	16.0	12/15/2017	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2017	ND	197	98.3	200	11.3	
DRO >C10-C28*	<10.0	10.0	12/18/2017	ND	180	90.1	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	12/18/2017	ND					
Surrogate: I-Chlorooctane	84.9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	81.4	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017

Project Name: Project Number: FEDERAL AY # 1 700438,208,01

Project Location:

EOG - EDDY CO NM

Sampling Date:

Date: 12/12/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-1 8' (H703469-03)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.96	98.0	2.00	0.335	
Toluene*	<0.050	0.050	12/18/2017	ND	1.95	97.5	2.00	0.250	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.87	93.4	2.00	0.0455	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.84	97.3	6.00	0.633	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.6	% 72-148							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14000	16.0	12/15/2017	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2017	ND	197	98.3	200	11,3	
DRO >C10-C28*	<10.0	10.0	12/18/2017	ND	180	90.1	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	12/18/2017	ND					
Surrogate: 1-Chlorooctane	90.0	% 28.3-164	1	***************************************					
Surrogate: 1-Chlorooctadecane	86.0	% 34.7-157	7						

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Celeg & Kuna

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

12/14/2017

Reported: Project Name: 12/20/2017

Project Number:

FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-1 10' (H703469-04)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.96	98.0	2.00	0.335	
Toluene*	<0.050	0.050	12/18/2017	ND	1.95	97.5	2.00	0.250	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.87	93.4	2,00	0.0455	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.84	97.3	6.00	0.633	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.69	% 72-148							
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14000	16.0	12/15/2017	ND	416	104	400	0.00	
ТРН 8015М	mg/	kg	Analyze	d By: MS			·····		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2017	ND	197	98.3	200	11.3	
DRO >C10-C28*	<10.0	10.0	12/18/2017	ND	180	90.1	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	12/18/2017	ND					
Surrogate: 1-Chlorooctane	86.0 9	% 28.3-164	1						
Surrogate: 1-Chlorooctadecane	82.1 9	6 34.7-157	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: Reported: 12/14/2017

12/20/2017

Project Name: Project Number: FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-1 12' (H703469-05)

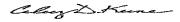
BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.96	98.0	2.00	0.335	
Toluene*	<0.050	0.050	12/18/2017	ND	1.95	97.5	2.00	0.250	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.87	93.4	2.00	0.0455	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.84	97.3	6.00	0.633	
Total BTEX	<0.300	0.300	12/18/2017	ND				•	
Surrogate: 4-Bromofluorobenzene (PIL	94.8	% 72-148	ı						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11200	16.0	12/15/2017	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifler
GRO C6-C10*	<10.0	10.0	12/18/2017	ND	197	98.3	200	11.3	
DRO >C10-C28*	<10.0	10.0	12/18/2017	ND	180	90.1	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	12/18/2017	ND					
Surrogate: 1-Chlorooctane	93.2	% 28.3-16	4					OH-5	
Surrogate: 1-Chlorooctadecane	89.4	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017

Project Name: Project Number: FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-2 3' (H703469-06)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2.13	106	2.00	1.02	
Total Xylenes*	<0.150	0,150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0,300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 9	% 72-148							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	12/15/2017	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS				···	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2017	ND	197	98.3	200	11.3	
DRO >C10-C28*	<10.0	10.0	12/18/2017	ND	180	90.1	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	12/18/2017	ND					
Surrogate: 1-Chlorooctane	85.6	% 28.3-16	4		•				
Surrogate: 1-Chlorooctadecane	81.1	% 34.7-15	7						

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Celeg & Keene



Analytical Results For:

TALON LPE **DAVID ADKINS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported: 12/20/2017

Project Name:

FEDERAL AY # 1 Project Number: 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 12/12/2017

Soll

Cool & Intact Tamara Oldaker

Sample ID: S-2 5' (H703469-07)

BTEX 8021B	mg/kg .		Analyzed By: MS			4			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2.13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	106	% 72-148							, -
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC				· · · · · · · · · · · · · · · · · · ·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1400	16.0	12/15/2017	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2017	ND	197	98,3	200	11.3	•
DRO >C10-C28*	<10.0	10.0	12/18/2017	ND	180	90.1	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	12/18/2017	ND					
Surrogate: 1-Chlorooctane	88.4	% 28.3-16-	1			 		· · · · · · · · · · · · · · · · · · ·	
Surrogate: 1-Chlorooctadecane	85.8	% 34.7-15	7						

Cardinal Laboratories

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

12/14/2017

Reported:

12/20/2017

Project Name: Project Number: FEDERAL AY #1 700438.208.01 EOG - EDDY CO NM

Project Location:

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-2 8' (H703469-08)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0,050	12/18/2017	ND	2.13	106	2,00	1,02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIC	103	% 72-148	•						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	12/15/2017	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2017	ND	197	98.3	200	11.3	
DRO >C10-C28*	<10.0	10.0	12/18/2017	ND	180	90.1	: 200	13.9	
EXT DRO >C28-C36	10.6	10.0	12/18/2017	ND					
Surrogate: 1-Chlorooctane	90.3	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	87.0	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

12/14/2017

Reported:

12/20/2017 FEDERAL AY # 1

Project Name: Project Number:

700438,208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-2 10' (H703469-09)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0,050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene* .	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2,13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107	% 72-148							
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	12/15/2017	ND	416	104	400	0.00	•
TPH 8015M	mg/kg		Analyzed By: MS						1
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/18/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/18/2017	ND					
Surrogate: 1-Chlorooctane	87.2	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	86.9	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017 FEDERAL AY # 1

Project Name: Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-2 12' (H703469-10)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0,050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0,050	0.050	12/18/2017	ND	2.13	106	2,00	1.02	•
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	% 72-148							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result _.	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1400	16.0	12/15/2017	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/18/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/18/2017	ND					
Surrogate: 1-Chlorooctane	87.2	% 28.3-16	4		,			***************************************	
Surrogate: 1-Chlorooctadecane	82.7	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported: Project Name: 12/20/2017 FEDERAL AY #1

Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-3 3' (H703469-11)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2.13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0,300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIC	108	% 72-148							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	12/15/2017	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/18/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/18/2017	ND					
Surrogate: 1-Chlorooctane	89.1	% 28.3-16-	4						
Surrogate: 1-Chlorooctadecane	84.6	% 34.7-15	7					•	

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received: Reported: 12/14/2017

12/20/2017

Project Name: Project Number: FEDERAL AY # 1 700438,208,01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Soll

Sampling Type: Sampling Condition:

Sample Received By:

Cool & Intact

Tamara Oldaker

Sample ID: S-3 5' (H703469-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2,13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 9	% 72-148							
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	12/15/2017	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS					···.	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/18/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/18/2017	ND					
Surrogate: 1-Chlorooctane	86.2	% 28.3-16	4				-		
Surrogate: 1-Chlorooctadecane	81.0	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported: Project Name: 12/20/2017 FEDERAL AY #1

Project Number:

700438.208.01

Project Location:

Sampling Date:

12/12/2017

Sampling Type:

Sampling Condition: Sample Received By: Soll Cool & Intact

Tamara Oldaker

EOG - EDDY CO NM

Sample ID: S-3 8' (H703469-13)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	, ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2.13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 9	% 72-148	i						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/15/2017	ND ·	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/18/2017	ND	213	106	200	2.04	•
EXT DRO >C28-C36	<10.0	10.0	12/18/2017	ND					
Surrogate: 1-Chlorooctane	80.7	% 28.3-16	4	,				-	
Surrogate: 1-Chlorooctadecane	75.6	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: Reported: 12/14/2017

12/20/2017

Project Name:

FEDERAL AY # 1 700438,208.01

Project Number: · Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll Sampling Condition:

Sample Received By:

Cool & Intact

Tamara Oldaker

Sample ID: S-3 10' (H703469-14)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2,13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0,300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105	% 72-148					<u> </u>		
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	12/15/2017	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg ·	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	. 10.0	12/19/2017	ND	218	109	200	1,14	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	78.7	% 28.3-164	1						
Surrogate: 1-Chlorooctadecane	73.4	% 34.7-157	7						

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Analytical Results For:

TALON LPE **DAVID ADKINS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017 Project Name: FEDERAL AY #1 Project Number: 700438.208.01

Project Location:

EOG - EDDY CO NM

81.3 %

34.7-157

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: S-3 12' (H703469-15)

BTEX 8	1110	3

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0,050	12/18/2017	ND	2.13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	106 %	6 72-148				.,,,,			***************************************
Chloride, SM4500Ci-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/15/2017	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
. Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	85,9 9	% 28.3-16	4						

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Surrogate: 1-Chlorooctadecane

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

12/14/2017

Reported:

12/20/2017 FEDERAL AY #1

Project Name: **Project Number:**

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/11/2017

Sampling Type:

Soll

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-4 3' (H703469-16)

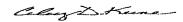
BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0,050	0.050	12/18/2017	ND	2,13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104	% 72-148							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5680	16.0	12/15/2017	ND	432	108	400	0:00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10,0	12/19/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	85.8	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	81.2	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Sampling Date:

12/11/2017

Reported:

12/20/2017

Sampling Type:

Soll

Project Name:

FEDERAL AY # 1

Sampling Condition:

Cool & Intact

Project Number:

700438,208,01

Sample Received By:

Tamara Oldaker

Project Location:

EOG - EDDY CO NM

Sample ID: S-4 5' (H703469-17)

BTEX 8021B	mg/	'kg ·	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2.13	106	2.00	1,02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	108 9	% 72-148							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	12/15/2017	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND		•			
Surrogate: 1-Chlorooctane	85.3	% 28.3-16	1	***************************************					•
Surrogate: 1-Chlorooctadecane	81.2	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received: Reported: 12/14/2017

12/20/2017 FEDERAL AY # 1

Project Name: Project Number: Project Location:

700438.208.01

EOG - EDDY CO NM

Sampling Date:

12/11/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-4 8' (H703469-18)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017 ·	ND	2,13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 %	6 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	12/15/2017	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					•
Surrogate: 1-Chlorooctane	83.79	% 28.3-16 ₋	4						
Surrogate: 1-Chlorooctadecane	79.3 9	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017

Project Name: Project Number: FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

Date: 12/11/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-4 10' (H703469-19)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2,08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2.13	106	2.00	1,02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104	% 72-148							
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	12/19/2017	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND .					
Surrogate: 1-Chlorooctane	80.2	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	76.0	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017 FEDERAL AY #1

Project Name: Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/11/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-4 12' (H703469-20)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2.13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102	% 72-148							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	12/19/2017	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	218	109	200	1,14	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	83.2	% 28.3-10	54						
Surrogate: 1-Chlorooctadecane	79.2	% 34.7-15	57						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017 FEDERAL AY # 1

Project Name: Project Number:

FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/11/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-5 3' (H703469-21)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND .	2.06	103	2.00	-0,357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2,13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1,33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 9	% 72-148							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	12/19/2017	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	83.5	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	79.1	% 34.7-15	7						

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Clay D. Kuna

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported: Project Name: 12/20/2017 FEDERAL AY #1

Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/11/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-5 5' (H703469-22)

BTEX 8021B	mg/	kg	Analyze	d By: MS	,				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2.13	106	2,00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1,33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 9	6 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	12/19/2017	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	91.4	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	86.5	6 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported: Project Name: 12/20/2017 FEDERAL AY # 1

Project Number: **Project Location:** 700438.208.01 EOG - EDDY CO NM Sampling Date:

12/11/2017

Soil

Sampling Type: Sampling Condition: Sample Received By:

Cool & Intact

Tamara Oldaker

Sample ID: S-5 8' (H703469-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2,13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0,300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100 9	6 72-148		1					
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC			<u> </u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	12/19/2017	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					W
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/19/2017	· ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	85.4	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	80.0	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

12/14/2017 12/20/2017

Reported: Project Name:

FEDERAL AY # 1 700438,208,01

Project Number: Project Location:

EOG - EDDY CO NM

Sampling Date:

12/11/2017

Sampling Type:

Soll

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-5 10' (H703469-24)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifler
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2,13	106	2.00	1.02	
Total Xylenes*	<0.150	. 0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107	% 72-148							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	12/19/2017	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	. 10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	77.6	% 28.3-16	:4						
Surrogate: 1-Chlorooctadecane	72.5	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

12/14/2017

Sampling Date:

12/11/2017

Reported:

12/20/2017

Sampling Type:

Soll

Project Name: ·

FEDERAL AY # 1

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Tamara Oldaker

700438.208.01

Project Location:

EOG - EDDY CO NM

Sample ID: S-5 12' (H703469-25)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	2.06	103	2.00	0.357	
Toluene*	<0.050	0.050	12/18/2017	ND	2.08	104	2.00	0.244	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	2.13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	6.27	105	6.00	1.33	
Total BTEX	<0.300	0.300	12/18/2017	ND				•	
Surrogate: 4-Bromofluorobenzene (PIL	99.9	% 72-148							
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	12/19/2017	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	218	109	200	1.14	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	88.3	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	81.7	% 34.7-15	7						

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Celeg D. Kenne



Analytical Results For:

TALON LPE DAVID ADKINS 408 W, TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017 FEDERAL AY # 1

Project Name: Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/11/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-6 0' (H703469-26)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/18/2017	ND	1.78	88.9	2,00	3.99	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.73	86,3	2.00	2,05	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.33	88.8	6.00	1.32	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	93.7	% 72-148							
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	12/19/2017	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS		-,			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	218	109	. 200	1.14	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	63.9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	5,8.5	% 34.7-15	7						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Sampling Date:

12/11/2017

Soll

Reported: Project Name: 12/20/2017 FEDERAL AY # 1 Sampling Type:

Sampling Condition:

Cool & Intact

Project Number:

700438.208.01

Sample Received By:

Tamara Oldaker

Project Location:

EOG - EDDY CO NM

Sample ID: S-6 0.5' (H703469-27)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/18/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.73	86.3	2.00	2.05	•
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.33	88.8	6.00	1.32	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.6	% 72-148							
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	12/19/2017	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	17.0	10.0	12/19/2017	ND	218	109	. 200	1.14	
DRO >C10-C28*	216	10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	144	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	82.4	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	85.3	% 34.7-15	7						

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Celeg & Kreena





Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: Reported: 12/14/2017

12/20/2017

Project Name: Project Number: FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/11/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

JUI & IIICACC

eceivea By:

Tamara Oldaker

Sample ID: S-6 1' (H703469-28)

BTEX 8021B	mg/l	kġ	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QĆ	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/18/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.73	86.3	2.00	2.05	
Total Xylenes*	<0.150	0,150	12/18/2017	ND	5.33	8.88	6.00	1.32	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	93.0 9	6 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	12/19/2017	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	15.7	10.0	12/19/2017	ND	218	109	200	1.14	
DRO >C10-C28*	251	10.0	12/19/2017	ND	213	106	200	2.04	
EXT DRO >C28-C36	148	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	77.6	% 28.3-16	· 4						
Surrogate: 1-Chlorooctadecane	82.7	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported: 12/20/2017

Project Name:

FEDERAL AY # 1

Project Number: Project Location: 700438,208.01

EOG - EDDY CO NM

Sampling Date:

12/11/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-6 2' (H703469-29)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/18/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.73	86.3	2,00	2.05	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.33	88,88	6.00	1.32	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.1 9	% 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	12/19/2017	ND	432	108	400	0.00	•
TPH 8015M	mg/	kg	Analyze	d By: MS	· · ·				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50,0	50.0	12/19/2017	ND	206	103	200	3,27	
DRO >C10-C28*	1760	50.0	12/19/2017	ND	243	122	200	3.78	QM-07
EXT DRO >C28-C36	526	50.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	86.6	% 28.3-16	4		·/				
Surrogate: 1-Chlorooctadecane	117 9	% 34.7-15	7						

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Celeg & Keens



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported: Project Name: 12/20/2017 FEDERAL AY # 1

Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/11/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-6 3' (H703469-30)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/18/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/18/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1,73	86.3	2.00	2.05	
Total Xylenes*	<0.150	0,150	12/18/2017	ND	5.33	88.8	6.00	1.32	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	93.8	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	12/19/2017	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS		w			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.1	10.0	12/19/2017	ND	206	103	200	3,27	
DRO >C10-C28*	2290	10.0	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	703	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	84.5	% 28:3-16	4					***************************************	k
Surrogate: 1-Chlorooctadecane	109	% 34.7-15	7						

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Celey D. Kuna



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

12/14/2017

Reported:

12/20/2017

Project Name: Project Number: FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/11/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-6 5' (H703469-31)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
[*] Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/18/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0,050	0.050	12/18/2017	ND	1,73	86.3	2,00	2.05	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.33	88.8	6.00	1.32	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.0	% 72-148							
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	12/19/2017	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	206	103	200	3.27	
DRO >C10-C28*	58.5	10.0	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	57.3	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	83.8	% 28.3-10	<i>i</i> 4						
Surrogate: 1-Chlorooctadecane	84.3	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

12/14/2017

Received: 12/20/2017 Reported:

FEDERAL AY # 1 Project Name: Project Number: 700438.208.01

Project Location: EOG - EDDY CO NM Sampling Date:

12/11/2017

Soll Sampling Type:

Sampling Condition: Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-6 8' (H703469-32)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/18/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0,050	0.050	12/18/2017	ND	1.73	86.3	2,00	2.05	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.33	88,8	6.00	1.32	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.8	% 72-148							
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	12/19/2017	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	206	103	200	3.27	
DRO >C10-C28*	35.8	10.0	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	16.8	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	71.6	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	71.7	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017 FEDERAL AY # 1

Project Name: Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/11/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-6 10' (H703469-33)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/18/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.73	86.3	2,00	2.05	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.33	88.8	6.00	1.32	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.1	% 72-148							
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	206	103	200	3.27	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	84.8	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	86.2	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017 FEDERAL AY # 1

Project Name: Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/11/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-6 12' (H703469-34)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/18/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.73	86.3	2.00	2.05	
Total Xylenes*	<0.150	0,150	12/18/2017	ND	5,33	88.8	6.00	1.32	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.4	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier .
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	206	103	200	3.27	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	77.8	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	75.7	% 34.7-15	7					,	

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

12/14/2017 12/20/2017

Project Name: Project Number: FEDERAL AY # 1 700438.208.01

Project Location:

Received:

Reported:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Sampling Condition:

Soll Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-7 0' (H703469-35)

BTEX 8021B	mg/	'kg	Anaiyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/18/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.73	86.3	2.00	2.05	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.33	88.8	6.00	1.32	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	93.1	% 72-148							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	12/19/2017	. ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS		***************************************			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	12/19/2017	ND	206	103	200	3.27	
DRO >C10-C28*	673	50.0	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	267	50.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	88.4	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	104	% 34.7-15	7						

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TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017

Project Name: Project Number: FEDERAL AY #1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-7 0.5' (H703469-36)

BTEX 8021B	mg/	'kg	Analyze	d By: MS			<u> </u>		······································
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/19/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.73	86.3	2.00	2.05	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.33	88.8	6.00	1.32	
Total BTEX	<0,300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.0	% 72-148							
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	206	103	200	3,27	
DRO >C10-C28*	26.7	10.0	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	45.7	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	79.9	% 28.3-16	4			•			
Surrogate: 1-Chlorooctadecane	80.2	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

DTEV GASAD

12/20/2017

Project Name: Project Number: FEDERAL AY #1 700438.208.01

Project Location:

EOG - EDDY CO NM

malka

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-7 1' (H703469-37)

BTEX 8021B	mg/	Kg .	Anaiyze	a By: MS					·
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/20/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/20/2017	ND	1,73	86.3	2.00	2.05	
Total Xylenes*	<0.150	0,150	12/20/2017	ND	5.33	88.8	6.00	1.32	•
Total BTEX	<0.300	0.300	12/20/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	91.9	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC				···	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	12/19/2017	ND	206	103	200	3.27	
DRO >C10-C28*	4690	100	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	2530	100	12/19/2017	ND					
Surrogate: 1-Chlorooctane	92.3	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	214 9	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported: Project Name: 12/20/2017

Project Number:

FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-7 2' (H703469-38)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/19/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	0,478	0.050	12/19/2017	ND	1.73	86.3	2.00	2.05	
Total Xylenes*	0.252	0.150	12/19/2017	ND	5,33	88.8	6.00	1,32	
Total BTEX	0.730	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	113 9	6 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	12/19/2017	· ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	12/19/2017	ND	206	103	200	3,27	
DRO >C10-C28*	12100	100	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	4230	100	12/19/2017	ND					
Surrogate: 1-Chlorooctane	88.6	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	226	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

12/14/2017

Reported: Project Name: 12/20/2017 FEDERAL AY # 1

Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-7 3' (H703469-39)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	0.050	0.050	12/19/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/19/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	6.77	0.050	12/19/2017	ND	1.73	86.3	2.00	2.05	
Total Xylenes*	4.51	0.150	12/19/2017	ND	5.33	8,88	6.00	1.32	
Total BTEX	11.3	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	144 %	6 72-148							,
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	736	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	338	50.0	12/19/2017	ND	206	103	200	3.27	
DRO >C10-C28*	6930	50.0	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	1570	50.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	101 %	6 28.3-16	4						
Surrogate: 1-Chlorooctadecane	171 %	6 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

12/14/2017

Sampling Date:

12/12/2017

Reported:

12/20/2017

Soil

Project Name:

FEDERAL AY # 1 700438,208,01

Sampling Condition:

Cool & Intact

Project Number: Project Location:

EOG - EDDY CO NM

Sample Received By:

Sampling Type:

Tamara Oldaker

Sample ID: S-7 5' (H703469-40)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/19/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	5.15	0.050	12/19/2017	ND	1.73	86,3	2.00	2,05	
Total Xylenes*	3,83	0.150	12/19/2017	ND	5.33	8,88	6.00	1.32	
Total BTEX	8.98	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	147	% 72-148	3						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	186	50.0	12/19/2017	ND	206	103	200	3.27	
DRO >C10-C28*	3290	50.0	12/19/2017	ND	243 -	122	200	3.78	
EXT DRO >C28-C36	593	50.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	77.1	% 28.3-16	i4						
Surrogate: 1-Chlorooctadecane	102	% 34.7-15	7						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

TALON LPE **DAVID ADKINS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: Reported: 12/14/2017

12/20/2017

Project Name: Project Number: Project Location: FEDERAL AY #1 700438.208.01

EOG - EDDY CO NM

Sampling Date:

12/12/2017 Soll

Sampling Type: Sampling Condition:

Sample Received By:

Cool & Intact

Tamara Oldaker

Sample ID: S-7 8' (H703469-41)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	· ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/19/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	0.567	0.050	12/19/2017	ND	1.73	86.3	2,00	2.05	
Total Xylenes*	0.359	0.150	12/19/2017	ND -	5,33	88.8	6.00	1.32	
Total BTEX	0.926	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	. 102 9	% 72-148		, , , , , , , , , , , , , , , , , , , ,					
Chloride, SM4500Cl-B	mg/	/kg	- Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifler
Chloride	960	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	16,5	10.0	12/19/2017	ND	206	103	200	3.27	
DRO >C10-C28*	294	10.0	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	49.6	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	80,8	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	85.8	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017

Project Name: Project Number: FEDERAL AY #1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-7 10' (H703469-42)

BTEX 8021B	mġ/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/19/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	1.42	0.050	12/19/2017	ND	1.73	86,3	2.00	2,05	
Total Xylenes*	0.918	0.150	12/19/2017	ND	5,33	88.8	6.00	1.32	
Total BTEX	2.34	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	113 9	6 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	12/19/2017	ND	416	104	400	3.77	•
TPH 8015M	mg/	kg	Analyze	d By: MS					····
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	64.0	10.0	12/19/2017	ND	206	103	200	3,27	
DRO >C10-C28*	1050	10.0	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	179	10.0	12/19/2017	ND .					
Surrogate: 1-Chlorooctane	96.2	% 28.3-16	4	***************************************					****
Surrogate: 1-Chlorooctadecane	106	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: Reported: 12/14/2017

12/20/2017

Project Name: Project Number: FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

Date: 12/12/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact Tamara Oldaker

Sample Received By:

Sample ID: S-7 12' (H703469-43)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/19/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0.050	0,050	12/19/2017	ND	1.73	86.3	2.00	2.05	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.33	88.8	6.00	1.32	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.5	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	kg .	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	206	103	200	3.27	
DRO >C10-C28*	29.5	10.0	12/19/2017	ND.	243	122	200	3.78	
EXT DRO >C28-C36	10.6	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	84.0	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	84.2	% 34.7-15	7						

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Celeg & Keine



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Гах

 Received:
 12/14/2017
 Sampling Date:
 12/12/2017

 Reported:
 12/20/2017
 Sampling Type:
 Soil

Project Name: FEDERAL AY # 1 Sampling Condition: Cool & Intact
Project Number: 700438.208.01 Sample Received By: Tamara Oldaker

Project Location: EOG - EDDY CO NM

Sample ID: S-8 0' (H703469-44)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/19/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/19/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0.050	0,050	12/19/2017	ND	1.73	86,3	2.00	2.05	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.33	88.8	6.00	1.32	
Total BTEX	<0.300	0.300	12/19/2017	ND .		•			
Surrogate: 4-Bromofluorobenzene (PIL	93.5 9	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS		**************************************			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	12/19/2017	ND	206	103	200	3.27	
DRO >C10-C28*	517	50.0	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	240	50.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	81.0 9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	94.7	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received: Reported: 12/14/2017

12/20/2017

Project Name: Project Number: FEDERAL AY #1

Project Location:

700438.208.01

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-8 0.5' (H703469-45)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.78	89.2	2.00	2.56	
Toluene*	<0.050	0.050	12/19/2017	ND	1.78	88.9	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.73	86.3	2.00	2,05	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.33	8.88	6.00	1.32	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.2	% 72-148	}						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	12/19/2017	ND	206	103	200	3,27	
DRO >C10-C28*	461	50.0	12/19/2017	ND	243	122	200	3.78	
EXT DRO >C28-C36	208	50.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	75.5	% 28.3-16	i4						
Surrogate: 1-Chlorooctadecane	89.8	% 34.7-15	7						
Surrogaie. 1-Chioroociaaecane	07.0	70 34.7-13	''						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

rax

Received: 12/14/2017 Reported: 12/20/2017

Project Name: FEDERAL AY # 1
Project Number: 700438.208.01

Project Location: EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type: Soil Sampling Condition: Cool

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-8 1' (H703469-46)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/18/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 %	6 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	12/19/2017	ND ·	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	18.9	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	790	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	150	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	70.69	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	86.49	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

12/14/2017

Reported:

Project Name:

Project Number: Project Location: 12/20/2017

FEDERAL AY # 1 700438,208,01

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Soil

Sampling Type: Sampling Condition: Sample Received By:

Cool & Intact

Tamara Oldaker

Sample ID: S-8 2' (H703469-47)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/18/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/18/2017	ND	1.80	89.8	2.00	2,22	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.87	93.6	2,00	1.35	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	106 9	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	24.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	1180	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	322	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	74.5	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	100 9	% 34.7-15	7						

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Chy D. Kuno



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

12/14/2017

Reported:

12/20/2017 FEDERAL AY # 1

Project Name: Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-8 3' (H703469-48)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/18/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1,87	93,6	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104	% 72-148	•						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	150	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	44.6	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	83.2	% 28.3-16	4						1
Surrogate: 1-Chlorooctadecane	<i>85.1</i>	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: Reported: 12/14/2017

12/20/2017

Project Name: Project Number:

FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

/:

Sample ID: S-8 5' (H703469-49)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/18/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0,050	12/18/2017	ND	1.87	93.6	2,00	1,35	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 9	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS		· · · · · · · · · · · · · · · · · · ·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	16.9	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	711	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	177	10.0	12/19/2017	ND				•	
Surrogate: 1-Chlorooctane	86.0	% 28.3-16	4						
Surrogate; 1-Chlorooctadecane	100	% 34.7-15	7						

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Celeg D. Kena



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: Reported: 12/14/2017

12/20/2017 FEDERAL AY #1

Project Name: Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S-8 8' (H703469-50)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/18/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0,050	0.050	12/18/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0,150	12/18/2017	ND	5,52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	6 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	12/19/2017	ND	209	104	200	9.38	1
DRO >C10-C28*	110	50.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	117	50.0	12/19/2017	ND			, ,		
Surrogate: 1-Chlorooctane	101 9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	99.8	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: Reported: 12/14/2017

12/20/2017

Project Name:

FEDERAL AY # 1 700438.208.01

Project Number: Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

oor ex antace

Tamara Oldaker

Sample ID: S-8 10' (H703469-51)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/18/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0.050	12/18/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/18/2017	ND	5.52	92.0	6.00	1,89	
Total BTEX	<0.300	0.300	12/18/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107	% 72-148							
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9,38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	. 94.8	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	94.4	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: Reported: 12/14/2017

12/20/2017

Project Name: Project Number:

FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil Cool 8:

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-8 12' (H703469-52)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.74	87.2	2,00	2.58	
Toluene*	<0.050	0.050	12/19/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0,050	12/19/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5,52	92.0	6.00	1.89	
Total BTEX	<0,300	0.300	12/19/2017	, ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 9	% 72-148							
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC			,		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	12/19/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	13.8	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	85,5	% 28.3-164	<i>f</i>	•					
Surrogate: 1-Chlorooctadecane	84.0	% 34.7-157	7 .						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

12/14/2017

Sampling Date:

12/12/2017

Reported:

12/20/2017

Sampling Type:

Soil

Project Name:

FEDERAL AY # 1

Sampling Condition:

Cool & Intact

Project Number:

700438.208.01

Sample Received By:

Tamara Oldaker

Project Location:

EOG - EDDY CO NM

Sample ID: BG -1 0' (H703469-53)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/19/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.87	93.6	2,00	1,35	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.9	% 72-148							
Chloride, SM4500Cl-B	mg/	/kg .	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD .	Qualifier
Chloride	16.0	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9,38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	79.3	% 28.3-16	4			Acceptance of the Control of the Con			
Surrogate: 1-Chlorooctadecane	79.0	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017

Project Name: Project Number:

FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: BG -1 0.5' (H703469-54)

BTEX 8021B	mg/	kg	Analyze	d By: MS		•			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/19/2017	ND ·	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/19/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5,52	92,0	6.00	1.89	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.4 9	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	16.0	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					<u></u>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifle
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36 .	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	78.6	% 28.3-16	4					,	
Surrogate: 1-Chlorooctadecane	76.6	% 34.7-15	7						

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Analytical Results For:

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Received: Reported:

BTEX 8021B

12/14/2017

12/20/2017

Project Name: Project Number: FEDERAL AY #1 700438.208.01

mg/kg

93.0%

90.9 %

28,3-164

34.7-157

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: BG -1 1' (H703469-55)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/19/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0,050	12/19/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.9 9	% 72-148					to the state of th		
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	

Analyzed By: MS

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Surrogate: 1-Chlorooctane Surrogate: 1-Chlorooctadecane

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017

Project Name: Project Number:

FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: BG -1 2' (H703469-56)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/19/2017	ND	1.80	89.8	2.00	2.22	•
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.87	93.6	2,00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.52	92.0	6.00	1.89	
Total BTEX	<0,300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.9	% 72-148							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/19/2017	ND	432	108	400	3.64	
ТРН 8015М	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	87.7	% 28.3-16	4	****					
Surrogate: 1-Chlorooctadecane	87.2	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported: Project Name:

12/20/2017 FEDERAL AY # 1

Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: BG -1 3' (H703469-57)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/19/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.1	% 72-148							
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	88.7	% 28.3-16	4	AMERICAN CONTROL		,			
Surrogate: 1-Chlorooctadecane	86.1	% 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: Reported: 12/14/2017

12/20/2017

Project Name: Project Number: FEDERAL AY #1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: BG -1 5' (H703469-58)

BTEX 8021B	mg/	kg	Analyze	d By: MS					,
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.74	87,2	2.00	2.58	
Toluene*	<0.050	0.050	12/19/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0,050	12/19/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5,52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIE	98.79	% 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	76.5	% 28.3-16	4				AWAMAN		
Surrogate: 1-Chlorooctadecane	73.5	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported: Project Name: 12/20/2017 FEDERAL AY # 1

Project Number: Project Location:

700438.208.01 EOG - EDDY CO NM Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

٦

Sample ID: BG -1 8' (H703469-59)

BTEX 8021B	mg/	kg	Analyze	d By: MS				•	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/19/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5,52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.2 9	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND			,		
Surrogate: 1-Chlorooctane	87.3 9	% 28.3-164	1						
Surrogate: 1-Chlorooctadecane	84.8	% 34.7-157	1						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

12/20/2017

Reported: Project Name:

FEDERAL AY #1 700438.208.01

Project Number: Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: BG -1 10' (H703469-60)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.74	87.2	2.00	2,58	
Toluene*	<0.050	0.050	12/19/2017	ND	1.80	89.8	2.00	2,22	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/19/2017	ND		•	•		
Surrogate: 4-Bromofluorobenzene (PIL	97.0 9	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	80.1	% 28.3-16	4						, ,
Surrogate: 1-Chlorooctadecane	78.4	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: Reported: 12/14/2017

12/20/2017

Project Name: Project Number: FEDERAL AY # 1 700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Sample ID: BG -1 12' (H703469-61)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/19/2017	ND	1.80	89.8	2.00	2,22	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.09	6 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	. ND					
Surrogate: 1-Chlorooctane	88.4	% 28.3-164	1						*
Surrogate: 1-Chlorooctadecane	86.4	% 34.7-152	7						

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Celeg D. Keine



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

12/14/2017

Sampling Date:

12/12/2017

Reported:

12/20/2017

Sampling Type:

Soil

Project Name:

FEDERAL AY #1 700438,208.01

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

Project Location:

EOG - EDDY CO NM

Sample ID: BG -2 0' (H703469-62)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					<u>.</u>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/19/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.2	% 72-148							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
. Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9,38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	68.6	% 28.3-164	!						
Surrogate: 1-Chlorooctadecane	65.8	% 34.7-157	,						

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Celey D. Keens



CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Sampling Date:

12/12/2017

Reported:

12/20/2017

Sampling Type:

Soil

Project Name:

FEDERAL AY # 1

Sampling Condition:

Cool & Intact

Project Number:

700438.208.01

Sample Received By:

Tamara Oldaker

Project Location:

EOG - EDDY CO NM

Sample ID: BG -2 0.5' (H703469-63)

BTEX 8021B	mg/l	(g	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/19/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.52	92.0	6.00	1,89	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIC	97.0 %	6 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRÓ >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	67.6 9	6 28.3-16-	4						
Surrogate: 1-Chlorooctadecane	64.8 9	6 34.7-15	7						

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Celley D. Keene



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received: Reported: 12/14/2017

12/20/2017

FEDERAL AY # 1

Project Name: Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: BG -2 1' (H703469-64)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/19/2017	ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.87	93.6	2.00	1,35	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.52	92.0	6.00	1.89	
Total BTEX	<0.300	0,300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.2	% 72-148							
Chioride, SM4500Ci-B	mg <i>j</i>	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS		******			
Analyte .	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND			•		
Surrogate: 1-Chlorooctane	71.3	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	67.8	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported: Project Name: 12/20/2017 FEDERAL AY # 1 700438.208.01

Project Number: Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition: Sample Received By: Cool & Intact

ed By:

Tamara Oldaker

Sample ID: BG -2 2' (H703469-65)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	1.74	87.2	2.00	2.58	
Toluene*	<0.050	0.050	12/19/2017	· ND	1.80	89.8	2.00	2.22	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.87	93.6	2.00	1.35	
Total Xylenes*	<0.150	0,150	12/19/2017	ND	5.52	92.0	6.00	1.89	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.7	% 72-148							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	209	104	200	9.38	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	200	100	200	8.64	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	73.7	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	71.3	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported: Project Name: 12/20/2017 FEDERAL AY # 1

Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

ipling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: BG -2 3' (H703469-66)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	2.07	104	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2017	ND	2.19	110	2.00	2.12	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.77	88.5	2.00	3.04	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.47	91.2	6.00	2.76	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.5	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS	,				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	240	120	200	0.0146	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	236	118	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	79.1	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	81.4	% 34.7-15	7						

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Celey D. Keine



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Sampling Date:

12/12/2017

Reported:

12/20/2017

Sampling Type:

Soll

Project Name:

FEDERAL AY # 1

Sampling Type: Sampling Condition:

Cool & Intact

Project Number:

700438.208.01

Sample Received By:

Tamara Oldaker

Project Location:

EOG - EDDY CO NM

Sample ID: BG -2 5' (H703469-67)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	2.07	104	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2017	ND	2.19	110	2.00	2.12	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.77	88.5	2.00	3.04 .	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.47	91.2	6.00	2.76	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.2	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC	*********			·····	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2017	ND	240	120	200	0.0146	
DRO >C10-C28*	<10.0	10.0	12/19/2017	ND	236	118	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	12/19/2017	ND					
Surrogate: 1-Chlorooctane	80.0	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	79.0	% 34.7-15	7						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017 FEDERAL AY # 1

Project Name: Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: BG -2 8' (H703469-68)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	2.07	104	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2017	ND	2.19	110	2.00	2.12	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.77	88.5	2.00	3,04	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.47	91.2	6.00	2,76	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.8 9	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2017	ND	240	120	200	0.0146	
DRO >C10-C28*	<10.0	10.0	12/20/2017	ND	236	118	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	12/20/2017	ND					
Surrogate: 1-Chlorooctane	80.79	6 28.3-16	4						
Surrogate: 1-Chlorooctadecane	76.8 9	6 34.7-15	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

12/14/2017

Reported: Project Name: 12/20/2017 FEDERAL AY # 1

Project Number: Project Location: 700438,208,01

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: BG -2 10' (H703469-69)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	2.07	104	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2017	ND	2.19	110	2.00	2.12	
Ethylbenzene*	<0.050	0.050	12/19/2017	ND	1.77	88.5	2.00	3.04	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.47	91.2	6,00	2.76	
Total BTEX	<0.300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.6	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	· Qualifier
Chloride	32.0	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2017	ND	240	120	200	0.0146	
DRO >C10-C28*	<10.0	10.0	12/20/2017	ND	236	118	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	12/20/2017	ND					
Surrogate: 1-Chlorooctane	92.8 9	% 28.3-16	4				1000		
Surrogate: 1-Chlorooctadecane	90.6	% 34.7-15	,						

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any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable compounded damages, including, without limitation, business interruptions, loss of use, or loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal Laboratories.

Celeg & Frence



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

12/14/2017

Reported:

12/20/2017 FEDERAL AY # 1

Project Name: Project Number:

700438.208.01

Project Location:

EOG - EDDY CO NM

Sampling Date:

12/12/2017

Sampling Type:

Soll

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: BG -2 12' (H703469-70)

BTEX 8021B	mg/	kg	Analyze	d By: MS		4			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2017	ND	2.07	104	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2017	ND	2.19	110	2.00	2.12	
Ethylbenzene*	<0.050	0,050	12/19/2017	ND	1,77	88.5	2,00	3.04	
Total Xylenes*	<0.150	0.150	12/19/2017	ND	5.47	91.2	6.00	2.76	
Total BTEX	<0,300	0.300	12/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.2	% 72-148	}		-				
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/19/2017	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10,0	12/20/2017	ND	240	120	200	0.0146	
DRO >C10-C28*	<10.0	10.0	12/20/2017	ND	236	118	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	12/20/2017	ND					•
Surrogate: 1-Chlorooctane	92.3	% 28.3-16	i4						
Surrogate: 1-Chlorooctadecane	89.0	% 34.7-15	7						

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Celeg D. Keene

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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101 East Marland, Hobbs, NM 88240	
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101 East Marland, Hobbs, NM 88240

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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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	B) = 10)	30	Company Name: Tarlan L.F.
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		101 Fact Marland, Hobbs, NM 88240	101 Fact Madan



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101 East Marland, Hobbs, NM 88240

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the applicable	pract or test, shall be united to the annual peak of the completion of grand received by Cardinal within 3D days after completion of	ents exchance remedy for any claim acising whether based in col cause what sever stad be deemed walved unless made in with	PLEASE NOTE: Labilly and Chanages. Contracts labilly and cleath expensive ramedy for any claim arising whether based in contract or and, aftail be unless to the applicable please. Contracts labilly and cleather expensive ramedy for any claim arising whether based in contract or and, and the completion of the applicable please.
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ANALYSIS REQUEST		0147-066	(575) 393-2326 FAX (5/5) 393-24/0

Federal AY #1 Closure Report 2RP-4735 NAB1813053140



February 28, 2022

Released to Imaging: 3/24/2022 4:08:15 PM

Appendix CNMOCD Remediation Plan Approval Email

Received by OCD: 2/28/2022 4:29:58 PM

Chase Settle

From:

Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>

Sent:

Tuesday, May 8, 2018 1:46 PM

To:

Kimberly M. Wilson; stucker@blm.gov

Cc:

Chase Settle; David J. Adkins

Subject:

RE: Federal AY #1 initial C-141 and Work Plan

** External email. Use caution.**

RE: EOG Y * Federal AY 1 * 2RP____ * Historical – well P/A

All,

This proposal is approved with the following:

Liner is to be set at a minimum of 4 bgs.

RP number to be assigned.

Federal sites will require like approval from BLM. Please advise once remedial activities have been scheduled.

Mike Bratcher NMOCD District 2 811 South First Street Artesia, NM 88210 575~748~1283 Ext 108

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Kimberly M. Wilson < kwilson@talonlpe.com>

Sent: Tuesday, May 8, 2018 10:26 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; stucker@blm.gov

Cc: Chase Settle < Chase Settle@eogresources.com>; David J. Adkins < dadkins@talonlpe.com>

Subject: Federal AY #1 initial C-141 and Work Plan

Mike,

Please find attached the initial C-141 and work plan for the above referenced location.

Thank you.

Respectfully submitted,

Kimberly

Received by OCD: 2/28/2022 4:29:58 PM

Kimberly M. Wilson Project Manager Office: 575.746.8768 Direct: 575.616.4023 Cell: 575.602.3826 Fax: 575.746.8905 Emergency: 866.742.0742 Web: www.talonlpe.com





February 28, 2022

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Appendix DClosure Report





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

January 9, 2019

NMOCD District II 811 S. First St. Artesia, NM 88210

Re:

Federal AY #1 30-015-10890 F-25-18S-25E

Eddy County, New Mexico

2RP-4735

EOG Y Resources, Inc. is submitting the enclosed Closure Report for the above referenced site. The plan is being submitted accompanying the C-141 Final.

EOG Y Resources Inc. requests closure of 2RP-4735.

If you have any questions, feel free to call me at (575) 748-4171.

Respectfully,

Chase Settle

Chau Settle

Rep Safety & Environmental II

EOG Y Resources, Inc.

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EOG Y Resources, Inc.

Federal AY #1

Closure Report

F-25-18S-25E

Eddy County, New Mexico

January 9, 2019

2RP-4735

Federal AY #1 Closure Report



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2RP-4735	J	anuary 9, 2019
I.	Table of Contents Site Information	1
II.	Ground Water and Site Ranking	1
III.	Incident Description	1
IV.	Initial Remedial Actions	1
V.	Completed Remedial Actions	1-2
Tables	5 :	
Table	1: Confirmation Soil Analytical Data	
Figure	es:	
Figure	1: Site Map	
Dhoto		

Photos

Appendices:

Appendix A: Soil Analytical Report

Appendix B: C-141 Initial

Appendix C: C-141 Final

Federal AY #1 Closure Report 2RP-4735



January 9, 2019

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I. Site Information

The Federal AY #1 is located approximately fifteen (15) miles southwest of Artesia, New Mexico. The site is located at latitude 32.71580 and longitude -104.43514.

II. Ground Water and Site Ranking

The New Mexico State Engineer website indicates that ground water is greater than 100' below ground surface (bgs).

The site assessment criteria is as follows:

Depth to ground water > 100'
Wellhead Protection Area > 1000'
Distance to surface water body > 1000'

Based on the assessment criteria, the NMOCD established RRALs for this site are:

 Benzene
 10 mg/kg

 BTEX
 50 mg/kg

 TPH
 2,500 mg/kg

 Chlorides
 20,000 mg/kg

III. Incident Description

The site was plugged and abandoned on July 5, 2016, however there were areas that were still not vegetated. It was determined after initial soil sampling activities that an unknown release had impacted soils preventing revegetation. The impacted area is presented with the Site Map in Figure 1.

V. Initial Remedial Actions

On December 8, 2017, Talon LPE began the site assessment and soil sampling activities. Sampling was first conducted using an excavator then progressed to an Air Rotary Drill Rig when depths increased past what an excavator could access.

VI. Work Completed

The impacted area at S-1,2,7, & 8 was excavated to four (4) feet below grade surface (bgs) and a geosynthetic clay liner was installed. With the inclusion of a geosynthetic clay liner, confirmation sampling consisted only of sidewall samples (10/18/18, results enclosed). All analytical results displayed chloride concentrations less than 600 mg/kg. The excavation was then backfilled with clean, non-impacted topsoil collected from a local source.

The impacted area at S-6 was excavated to two and a half (2 & ½) feet bgs, confirmation sampling was conducted in the bottom of the excavation (5 point composite) and on the sidewalls, and analytical results (10/18/18, results enclosed) showed chloride concentration less than 600 mg/kg. This area was backfilled with clean, non-impacted topsoil collected from a local source.

Federal AY #1 Closure Report 2RP-4735



January 9, 2019

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The historical drill pit located in areas S-3,4, & 5 was lined with a geosynthetic clay liner and capped with three (3) feet of clean, non-impacted topsoil as to the private landowners' request.

All excavated material was hauled to a NMOCD approved disposal facility and the excavations were backfilled with topsoil and contoured to match the surrounding location. The site was then reseeded with native grass seed as to the private surface owners' preference. EOG Y Resources, Inc. is hereby submitting a C-141 Final requesting closure of 2RP-4735.

January 9, 2019

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Table 1Confirmation Soil Analytical Data

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Federal AY #1 Closure Report 2RP-4735



January 9, 2019

Soil Analytical Data

Sample ID	Depth (ft. bgs)	Date	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	TPH (GRO)	TPH (DRO)	TPH EXT DRO	Total TPH	Chlorides
H1	Sur-4'	10/15/18	-		-	-	-	-	-	-	-	128
H2	Sur-4'	10/15/18	-	-	-	-	-	-	-	-	-	304
H3	Sur-4'	10/15/18	-	(- 0	x • 1	-		-	-	-	-	384
H4	Sur-4'	10/15/18	-	-	-	-	-	-	-	_	-	96
H5	Sur-4'	10/15/18	-	-	-	-	-	_	-	-	-	384
H6	Sur-4'	10/15/18	-	_	-	-	-	-	-	_	-	208
H7	Sur-4'	10/15/18	-	-	_	-	-	-	-	-	-	256
H8	Sur-4'	10/15/18	-	-	-	-	-	_	-	-	-	224
H9	Sur-4'	10/15/18	-	-	-	-	-	-	-	-	_	96
H10	Sur-4'	10/15/18	-	-	-		-	-	-		-	336
H11	Sur-4'	10/15/18	-	-	-	-	-	-	-	-	_	544
H12	Sur-4'	10/15/18	-	-	-	_	-	_	-	_	_	336
H13	Sur-4'	10/15/18	-	-	-	-	-	-	-		_	48
H14	Sur-4'	10/15/18	-	-	-	-	-	-	-	-	_	496
H15	Sur-4'	10/15/18	-	-	-	<u> </u>	-	-	-	1-1	_	256
H16	Sur-4'	10/15/18	-	-	-	-	-		-	-	_	256
	A RESIDENCE				every object of	CARS NO.				To the late of		ALCO DE LA COMPANION DE LA COM
HN	Sur-2'	10/15/18	-	-	-	-	-	-	-	-	_	256
HS	Sur-2'	10/15/18		-	-	-	_	-	-	-	_	352
HE	Sur-2'	10/15/18	-	-	-	-	-	-		-	_	368
HW	Sur-2'	10/15/18	i -	-	_	_	-	-				384
S6-COMP	2'	10/15/18	-	-	-		-	-				272

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Figure 1 Site Map







January 9, 2019

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Photos

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Appendix ASoil Analytical Report



October 18, 2018

CHASE SETTLE
EOG Y RESOURCES, INC
105 SOUTH 4TH STREET
ARTESIA, NM 88210

RE: FEDERAL AY #1

Enclosed are the results of analyses for samples received by the laboratory on 10/17/18 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager





Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

10/17/2018

Reported:

10/18/2018

Project Name:

FEDERAL AY #1 2RP-4735

Project Number: Project Location:

FEDERAL AY #1

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 10/15/2018 Soil

** (See Notes)

Tamara Oldaker

Sample ID: H1 (H802981-01)

Chloride, SM4500CI-B

Chloride

Chloride

Chloride

Chloride

mg/kg

Analyzed By: AC

Analyte

Result

128

Result

304

Reporting Limit Analyzed 10/18/2018 16.0

Method Blank ND

BS 432

108

% Recovery

108

True Value QC 400

RPD 0.00 Qualifier

Sample ID: H2 (H802981-02)

Analyte

Chloride, SM4500Cl-B

mg/kg

Analyzed

10/18/2018

Analyzed By: AC

Method Blank

ND

BS 432 % Recovery True Value OC

RPD

0.00

Qualifier

Sample ID: H3 (H802981-03)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Analyte

384

Result

96.0

Reporting Limit 16.0

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed 10/18/2018

Analyzed

10/18/2018

Method Blank ND

BS 432 % Recovery 108

True Value QC 400

400

RPD 0.00 Qualifier

Sample ID: H4 (H802981-04)

Analyte

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Method Blank

ND

BS 432 % Recovery 108

True Value QC 400

RPD 0.00 Qualifier

Cardinal Laboratories

*=Accredited Analyte

Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. any other cause whatsoever shall be deemed waived unless made in uviting and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be fable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such ve stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.





Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

10/17/2018

Reported:

10/18/2018

Project Name:

FEDERAL AY #1 2RP-4735

Project Number: Project Location:

FEDERAL AY #1

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

Soil ** (See Notes)

10/15/2018

Tamara Oldaker

Sample ID: H5 (H802981-05)

Chloride, SM4500Cl-B

Chloride

Chloride

mg/kg

Analyzed By: AC

Analyte

Result 384

Reporting Limit 16.0

Reporting Limit

16.0

10/18/2018

Analyzed

Method Blank ND

BS 432 % Recovery 108

True Value QC 400

RPD 0.00 Qualifier

Sample ID: H6 (H802981-06)

Analyte

Chloride, SM4500Cl-B

mg/kg

Result

208

Analyzed By: AC

10/18/2018

Analyzed

Method Blank

BS

% Recovery True Value QC

RPD 0.00 Qualifier

Sample ID: H7 (H802981-07)

Chloride, SM4500CI-B Analyte

mg/kg Reporting Limit Result

Analyzed By: AC

Method Blank

ND

ND

BS

432

% Recovery

108

True Value QC

400

RPD

Qualifier

Chloride

256

Result

224

16.0

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed 10/18/2018

432

108

400

400

0.00

Chloride

Chloride

Sample ID: H8 (H802981-08)

Chloride, SM4500Cl-B

mg/kg

Analyzed

10/18/2018

Analyzed By: AC

Method Blank

ND

BS 432 % Recovery 108

True Value QC

RPD 0.00 Qualifier

Sample ID: H9 (H802981-09)

Analyte

Chloride, SM4500Cl-B Analyte

mg/kg

Result

96.0

Analyzed By: AC

Analyzed 10/18/2018 Method Blank ND

BS % Recovery 108 432

True Value QC 400

RPD 0.00 Qualifier

Cardinal Laboratories

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Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

10/17/2018

Reported:

10/18/2018

Project Name:

FEDERAL AY #1

Project Number: Project Location: 2RP-4735 FEDERAL AY #1 Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

10/15/2018 Soil

** (See Notes)

Tamara Oldaker

Sample ID: H10 (H802981-10)

Chloride, SM4500Cl-B

Chloride

Chloride

Chloride

Chloride

Chloride

Received by OCD: 2/28/2022 4:29:58 PM

mg/kg

336

Result

544

Result 336

Result

48.0

Result

496

Analyzed By: AC

Analyte

Reporting Limit Result

16.0

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed Method Blank 10/18/2018

ND

432

BS

% Recovery 108

True Value QC 400

RPD 0.00 Qualifier

Sample ID: H11 (H802981-11)

Analyte

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Analyzed

10/18/2018

Method Blank

ND

BS 432

True Value QC % Recovery

RPD 0.00

Qualifier

Sample ID: H12 (H802981-12)

Chloride, SM4500Cl-B Analyte

mg/kg

Analyzed By: AC

Analyzed 10/18/2018

Method Blank ND

BS 432

% Recovery

True Value QC

400

RPD

Qualifier

Sample ID: H13 (H802981-13)

Chloride, SM4500CI-B

Analyzed By: AC

ND

108

108

% Recovery 108

108

400

0.00

Analyte

mg/kg

Analyzed

10/18/2018

Analyzed

10/18/2018

Method Blank

BS 432 % Recovery

True Value QC

400

True Value QC

400

RPD

0.00

Qualifier

Sample ID: H14 (H802981-14)

Chloride, SM4500CI-B Analyte

mg/kg

Analyzed By: AC

Method Blank

ND

BS

432

RPD

0.00

Qualifier

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Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

10/17/2018

Reported: 10/18/2018 Project Name: FEDERAL AY #1

2RP-4735 Project Number:

Project Location: FEDERAL AY #1 Sampling Date:

10/15/2018 Soil

Sampling Type:

Sampling Condition: Sample Received By: ** (See Notes)

Tamara Oldaker

Sample ID: H15 (H802981-15)

Received:

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Result Analyte 16.0 10/18/2018 ND 432 108 400 0.00 Chloride 256

Sample ID: H16 (H802981-16)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/18/2018	ND	432	108	400	0.00	

Cardinal Laboratories

Received by OCD: 2/28/2022 4:29:58 PM

*=Accredited Analyte

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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October 18, 2018

CHASE SETTLE
EOG Y RESOURCES, INC
105 SOUTH 4TH STREET
ARTESIA, NM 88210

RE: FEDERAL AY #1

Enclosed are the results of analyses for samples received by the laboratory on 10/17/18 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celes D. Keena

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Received by OCD: 2/28/2022 4:29:58 PM

Lab Director/Quality Manager





Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210

Fax To:

(575) 748-4131

Received:

10/17/2018

Reported:

10/18/2018

Project Name:

FEDERAL AY #1 2RP-4735

Project Number:

Project Location:

FEDERAL AY #1

Sampling Date:

10/16/2018

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By:

Tamara Oldaker

Sample ID: HN (H802982-01)

Chloride, SM4500Cl-B

Chloride

Chloride

Chloride

Chloride

mg/kg

Analyzed By: AC

Analyte

Result

256

Result

352

Result

368

Result

384

Reporting Limit Analyzed 10/18/2018 16.0

Method Blank ND

ND

BS 432

BS

432

% Recovery 108

True Value QC 400

RPD 0.00 Qualifier

Sample ID: HS (H802982-02)

Analyte

Chloride, SM4500Cl-B

mg/kg

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed

10/18/2018

Analyzed By: AC

Method Blank

% Recovery

108

108

108

True Value QC

400

RPD

0.00

Qualifier

Sample ID: HE (H802982-03)

Analyte

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Analyzed 10/18/2018

Method Blank

BS 432

% Recovery

True Value QC

RPD

Qualifier

Sample ID: HW (H802982-04)

Analyte

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

ND

400

0.00

Analyzed

10/18/2018

Method Blank ND

BS 432 % Recovery

True Value QC 400

RPD 0.00 Qualifier

Cardinal Laboratories

*=Accredited Analyte

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Celeg & Keene





Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Relinquished by:

Date

Time

Temperature Upon Receipt:

28.8

Time

Received by ELOT:

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Page 4 of 4

ARDINAL LABORATORIES

N.		101 East Marland, Hobbs, NM 88240	(505) 393-2326 FAX (505) 393-2476	.476	·				
Projec	Project Manager:	Chase Settle	ì		Project Name:		Federal AY #1		
Comp	Company Name	EOG Y Resources Inc.			Project #: 2RP-4735	2RP-4735			
Comp	any Address:	Company Address: 105 South 4th Street			Project Loc:		Federal AY#1		
City/S	City/State/Zip:	Artesia, NM 88210			PO# 2	PO #: 205-0750			
Telepi	Telephone No:	575-748-4171	Fax No:		Report Format: X Standard		TRRP	NPDES	
Sama	ler Signature.	Sampler Signature:	9 33	Chase Settle Courses com					

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October 18, 2018

CHASE SETTLE
EOG Y RESOURCES, INC
105 SOUTH 4TH STREET
ARTESIA, NM 88210

RE: FEDERAL AY #1

Enclosed are the results of analyses for samples received by the laboratory on 10/17/18 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

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Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 (575) 748-4131 Fax To:

Received:

10/17/2018

Reported:

10/18/2018

Project Name:

FEDERAL AY #1 2RP-4735

Project Number: Project Location:

Sampling Date:

10/16/2018

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By:

Tamara Oldaker

Sample ID: S6-COMPOSITE (H802983-01)

Chloride, SM4500CI-B

mg/kg

FEDERAL AY #1

Analyzed By: AC

Reporting Limit Analyzed Result

True Value QC RPD Qualifier Method Blank BS % Recovery Analyte 108 400 0.00 10/18/2018 ND 432 272 16.0 Chloride

Cardinal Laboratories

Received by OCD: 2/28/2022 4:29:58 PM

*=Accredited Analyte

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Celegit Keena



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

Received by OCD: 2/28/2022 4:29:58 PM

*=Accredited Analyte

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	वि						\neg		-	+	+				_	Standard TAT	Ė		_	1	S				Page	4 of 4	_
THE CONTRACT		Tr.	property.	/ Breeze						_					_									· ·	- 5		_



January 9, 2019

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Appendix B C-141 Initial

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Binzos Road, Aztec, NM 8741

RECEIVED

State of New Mexico Energy Minerals and Natural Resources

MAY 0 8 2018

Form C-141 Revised April 3, 2017

Oil Conservation DivisionDISTRICT II SANTESIA OXCODPROpriate District Office in

District IV	•	5.	_	1220	South	St. Franc	is Dr.		ac	cordance w	ith 19.15.29 NMAC.
1220 S. St. Fran	cis Dr., Santa	a Fe, NM 87505	5	Sa	anta Fe	, NM 875	505				
			Rele	ease Notific	cation	and Co	orrective A	ction			
DAB18	31305	3140				OPERA'	ГOR	1	⊠ Initia	al Report	Final Report
Name of Co	mpany: E	OG Resource	es	25575		Contact: Cl	hase Settle				
				exico, 88210			No.: 575-748-41	171			
Facility Nar	ne: FEDE	ERAL AY #1				Facility Typ	e; P&A				
Surface Ow	ner:			Mineral (Owner:	Private			API No	.: 30-015-	10890
				LOCA	TION	OF RE	LEASE				
Unit Letter F	Section 25	Township 18 S	Range 25E	Feet from the 2310'	North/	South Line North	Feet from the 1980'		est Line est	County:	Eddy
			Lat	itude: 32.7158	04 L	ongitude: -	104.435142 NA	AD83			
				NAT	URE	OF REL	EASE				
Type of Rele			rical				Release: Unknow			Recovered:	
Source of Re	lease: Unki	nown				Date and H Unknown,	Iour of Occurrenc	e;	Date and	Hour of Dis	scovery:
Was Immedia	ate Notice C		_			If YES, To					
			Yes	No 🛭 Not R	equired						
By Whom?						Date and I					
Was a Water	course Reac		Yes 🗵	No		If YES, Vo	olume Impacting t	he Water	rcourse,		
If a Watercou	irse was Im										
N/A	on of Droble	om and Dama	dial Astic	Taken * The E	doral A	√#1 was nlu	agad and abandan	ad on Tu	lu 5 2016	Tolon was	asked to perform
											lytical results it was
				on caused from a					•	J	
Describe Are	a Affected a	and Cleanup A	Action Tak	en.* The forme	r tank ba	tterv area me	asures approxima	telv 125'	long x 12	25' wide. To	o the west of the
tank battery a maker measu	long the hig	gh pressured g	as line RO	OW a bare area 1	unning r	orth measure	es 120' long by 30)' wide.	The bare a	irea surroun	ding the dry hole
I hereby certi	fy that the i	nformation gi	ven above	is true and comp	lete to th	e best of my	knowledge and u	nderstand	d that purs	uant to NM	OCD rules and
regulations al	l operators	are required to	o report ar	nd/or file certain r	elease no	tifications a	nd perform correc	tive actio	ons for rele	eases which	may endanger
							arked as "Final Re				ater, human health
or the environ	ment. In a	ddition, NMC	CD accep	tance of a C-141	report de	es not reliev	e the operator of i	responsib	oility for co	ompliance v	vith any other
federal, state,	or local lay	ws and/or regu	lations.				OIL COM	TOTO	ATION	DIMEIC	DVI .
,	10 0	2					OIL CONS			3	
Signature:	have -	ettle	14				EnviroigmentaB\$1	W. 1	1 ×	*	
Printed Name	: Chase Set	ttle			- 1	Approved by	Enviroigmenta BS1	pecialist:	14 Dr.	interdesse	-
Title: Rep Sa	fety & Envi	ironmental II			/	Approval Da	ie: 5 8/18	E	xpiration l	Date: N	IA
E-mail Addre	ss: Chase	Settle@cogre	esources.c	om	(Conditions of	f Approval:		1	Attached	[doc
Date: 5/4/20	18		Phone: 5	75-748-4171			See atto	achec	1		DKP.4735
Attach Addit		te If Necess					-			•	

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Appendix C C-141 Final

State of New Mexico Oil Conservation Division

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

Incident ID	
District RP	2RP-4735
Facility ID	
Application ID	

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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.

△ A scaled site and sampling diagram as described in 19.	15.29.11 NMAC
Photographs of the remediated site prior to backfill or pust be notified 2 days prior to liner inspection)	photos of the liner integrity if applicable (Note: appropriate OCD District office
☑ Laboratory analyses of final sampling (Note: appropriat	e ODC District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
may endanger public health or the environment. The acceptar should their operations have failed to adequately investigate a human health or the environment. In addition, OCD acceptan compliance with any other federal, state, or local laws and or	complete to the best of my knowledge and understand that pursuant to OCD rules certain release notifications and perform corrective actions for releases which nee of a C-141 report by the OCD does not relieve the operator of liability and remediate contamination that pose a threat to groundwater, surface water, see of a C-141 report does not relieve the operator of responsibility for regulations. The responsible party acknowledges they must substantially the conditions that existed prior to the release or their final land use in the OCD when reclamation and re-vegetation are complete.
Printed Name: Chase Settle	Title: Rep Safety & Environmental II
Signature: Chau Settle	Date: 01/09/2019
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible p emediate contamination that poses a threat to groundwater, surf arty of compliance with any other federal, state, or local laws	arty of liability should their operations have failed to adequately investigate and face water, human health, or the environment nor does not relieve the responsible and/or regulations.
closure Approved by:	Date:
rinted Name:	

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

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 84972

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	84972
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jnobui	Closure Report Approved.	3/24/2022