

August 29, 2019

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

RE: NIX GP BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/28/19 12:30.

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 <a href="https://www.tceq.texas.qov/field/qa/lab">www.tceq.texas.qov/field/qa/lab</a> 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. 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

Lab Director/Quality Manager



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

Fax To:

(575) 748-4131

Received: Reported: 08/28/2019

08/29/2019

NIX GP BATTERY

Project Name: Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V3C - 4' (H902978-01)

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	08/29/2019	ND	1.62	80.8	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 %	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	08/29/2019	ND	432	108	400	0.00	QM-07
TPH 8015M	mg/	kg	Analyze	d By: CK					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2019	ND	204	102	200	2.18	
DRO >C10-C28*	710	10.0	08/28/2019	ND	201	101	200	2.90	
EXT DRO >C28-C36	227	10.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	118 9	6 41-142						i i	
Surrogate: 1-Chlorooctadecane	154 %	% 37.6-14	7						

### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages, 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. All claims, including those for negligence and PLEASE ROTE: Liability and Damages. Carona's isolately and client's exclusive relinency for any client analysis, 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 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 approval of Cardinal Laboratories.

Celeg D. Freene



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

Received:

08/28/2019

Reported:

08/29/2019

Project Name:

NIX GP BATTERY NONE GIVEN

Project Number: Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V3C - 6' (H902978-02)

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	08/29/2019	ND	1.62	80.8	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	108 %	% 73.3-12	9						
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	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2019	ND	204	102	200	2.18	
DRO >C10-C28*	397	10.0	08/28/2019	ND	201	101	200	2.90	
EXT DRO >C28-C36	132	10.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	116%	6 41-142	,						
Surrogate: 1-Chlorooctadecane	140 %	6 37.6-14	7						

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\*=Accredited Analyte

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

08/28/2019

Reported: 08/29/2019

Project Name: NIX GP BATTERY

Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type: Soil

Sampling Condition: Coo

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V3C - 8' (H902978-03)

Received:

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	08/29/2019	ND	1.62	80.8	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2019	ND	204	102	200	2.18	
DRO >C10-C28*	14.3	10.0	08/28/2019	ND	201	101	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	118 %	6 41-142							
Surrogate: 1-Chlorooctadecane	130 %	37.6-14	7						

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\*=Accredited Analyte

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

Received: Reported: 08/28/2019

08/29/2019

Project Name: Project Number: **NIX GP BATTERY** NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date: Sampling Type:

08/27/2019

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V3C - 10' (H902978-04)

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	08/29/2019	ND	1.62	80.8	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 5	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2019	ND	204	102	200	2.18	
DRO >C10-C28*	41.1	10.0	08/28/2019	ND	201	101	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	120	% 41-142	!						
Surrogate: 1-Chlorooctadecane	131	% 37.6-14	7						

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

Received:

08/28/2019

Reported:

08/29/2019

Project Name:

**NIX GP BATTERY** 

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: V3C - 12' (H902978-05)

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	08/29/2019	ND	1.62	8.08	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	108	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2019	ND	204	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/28/2019	ND	201	101	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	125	% 41-142	?						
Surrogate: 1-Chlorooctadecane	136	% 37.6-14	7						

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\*=Accredited Analyte

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Celegit Keene



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

Fax To:

(575) 748-4131

Received:

08/28/2019

Reported:

08/29/2019

124 %

37.6-147

Project Name:

**NIX GP BATTERY** 

Project Number: Project Location: NONE GIVEN NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V3C - 14' (H902978-06)

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	08/29/2019	ND	1.62	80.8	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	108 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	.10.0	10.0	08/28/2019	ND	204	102	200	2.18	
	<10.0	10.0	00/20/2019	ND	204	102	200	2.10	
DRO >C10-C28*	<10.0	10.0	08/28/2019	ND	201	101	200	2.90	
DRO >C10-C28*  EXT DRO >C28-C36									

### Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

\*=Accredited Analyte

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### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

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

Cardinal Laboratories

\*=Accredited Analyte

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K

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

Relinquished by:	Relinquished by:	Relinquis	Special			6	<b>U</b> ).		3		_	LAB # (lab use only)	ORDER #:	1000	(lab use only)						_
hed by:	hed by:	A SA	Special Instructions:			V3C-14'	V3C-12'	V3C-10'	V3C-8'	V3C-6'	V3C-4'	71	1620sH #		nlv)	Sampler Signature:	Telephone No:	City/State/Zip:	Company Address:	Company Name	Project Manager:
		5	TPH EX			2		100		19		FIELD CODE	18-		(	e.	575-748-1471	Artesia, NM 88210	s: 105 South 4th Street	EOG Y Resources Inc.	Chase Settle
Date	Date	Date 8-28-19	TPH EXTENDED needed		1											\		10	eet	s inc.	
_	-	1/-	nee									Beginning Depth									
Time	Time	1:30	ded.	5								Ending Depth									
Received by ELOT:	Received by:	Received by:				8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019	Date Sampled									
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		Da.		-	++	-	-		-	-		None	ntainers			gre					
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		12										NP=Non-Potable Specify Other	×			8	Š		P		Jo.
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ratu	Sam Cou	y se	Co Free									SAR / ESP / CEC		A.	Ë		Star	075			
Temperature Upon Receipt:	Sample Hand Delivered by Sampler/Client Rep. ?	Custody seals on cooler(s) Custody seals on cooler(s)	Sample Containers Intact? VOCs Free of Headspace?									Metals: As Ag Ba Cd Cr Pb Hg	Se			3	× Standard	0			
Jpor	Clie	on c	ners									Volatiles				ZVE	D.				
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1 7											1		_					•		-	



August 29, 2019

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

RE: NIX GP BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/28/19 12:30.

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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> 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.

Celecy 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

Lab Director/Quality Manager



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

Received:

08/28/2019

Reported:

08/29/2019

Project Name: Project Number: NIX GP BATTERY

Project Location:

NONE GIVEN

•

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V4C- 4' (H902979-01)

Sample 1D: V4C- 4' (H902979-0	•								
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	08/29/2019	ND	1.62	8.08	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND			Ī		
Surrogate: 4-Bromofluorobenzene (PIL	102 9	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	16.0	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	08/28/2019	ND	204	102	200	2.18	
DRO >C10-C28*	10500	50.0	08/28/2019	ND	201	101	200	2.90	
EXT DRO >C28-C36	3160	50.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	127 9	% 41-142		10					
Surrogate: 1-Chlorooctadecane	552 9	% 37.6-14	7						

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Received:

08/28/2019

Reported:

08/29/2019

Project Name: Project Number: NIX GP BATTERY NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V4C- 6' (H902979-02)

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	08/29/2019	ND	1.62	80.8	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND .	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2019	ND	204	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/28/2019	ND	201	101	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	1165	% 41-142	?						
Surrogate: 1-Chlorooctadecane	124	% 37.6-14	7						

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

Fax To:

(575) 748-4131

Received:

08/28/2019

Sampling Date:

08/27/2019

Reported:

08/29/2019

Sampling Type:

Soil

Project Name:

NIX GP BATTERY

Sampling Condition:

Cool & Intact

Project Number: Project Location:

NONE GIVEN NOT GIVEN Sample Received By:

Tamara Oldaker

Sample ID: V4C- 8' (H902979-03)

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	08/29/2019	ND	1.62	8.08	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC				9	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	204	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/29/2019	ND	201	101	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	111 9	% 41-142	?						
Surrogate: 1-Chlorooctadecane	117 9	% 37.6-14	7						

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Received:

08/28/2019

Reported:

08/29/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location: NONE GIVEN

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: V4C- 10' (H902979-04)

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	08/29/2019	ND	1.62	80.8	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 5	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	204	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/29/2019	ND	201	101	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	08/29/2019	ND					a a
Surrogate: 1-Chlorooctane	114 9	% 41-142							
Surrogate: 1-Chlorooctadecane	122	% 37.6-14	7						

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

Received:

08/28/2019

08/29/2019

Reported: Project Name:

NIX GP BATTERY

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V4C- 12' (H902979-05)

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	08/29/2019	ND	1.62	8.08	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	204	102	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/29/2019	ND	201	101	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	1169	% 41-142	?						
Surrogate: 1-Chlorooctadecane	124 9	% 37.6-14	!7						

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Fax To:

Received:

08/28/2019

Reported:

08/29/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location: NONE GIVEN NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V4C- 14' (H902979-06)

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	08/29/2019	ND	1.62	8.08	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5680	16.0	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2019	ND	203	102	200	2.69	
DRO >C10-C28*	<10.0	10.0	08/28/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	<10.0	10.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	83.1	% 41-142	?						
Surrogate: 1-Chlorooctadecane	90.6	% 37.6-14	17						

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

Received:

08/28/2019

08/28/2015

Sampling Date:

08/27/2019

Reported: Project Name: 08/29/2019 NIX GP BATTERY Sampling Type:

Soil

Project Number:

NIX GP BATTERY NONE GIVEN Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number: Project Location:

NOT GIVEN

Sample ID: V4C- 16' (H902979-07)

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	08/29/2019	ND	1.62	80.8	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC		~~~			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7060	16.0	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2019	ND	203	102	200	2.69	
DRO >C10-C28*	<10.0	10.0	08/28/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	<10.0	10.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	85.4	% 41-142							
Surrogate: 1-Chlorooctadecane	93.8	% 37.6-14	7						

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### **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.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

Relinquished by:	Reinquished by:	11	Relinquished by		Special I			_	16	S	T	W	2	_	LAB # (lab use only)	ORDER #:	lab use only)						
ned by:	ned by:	17	ped by:		Special Instructions:			V4C-16'	V4C-14'	V4C-12'	V4C-10'	V4C-8'	V4C-6'	V4C-4'	귀	# H90Z979-	nly)	Sampler Signature:	Telephone No:	City/State/Zip:	Company Address: 105 South 4th Street	Company Name	Project Manager:
		2			TPH E										FIELD CODE	19-		(M)5	575-748-1471	Artesia, NM 88210	: 105 South 4th S	EOG Y Resources Inc.	Chase Settle
Date	Date	8-28-19	Date		TPH EXTENDED needed.															210	freet	es Inc.	
_		11:			nee										Beginning Depth								
Time	Time	11:30	Time		ded.										Ending Depth					-			
Received by ELOT:	Received by:	mu	Received by:					8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019	Date Sampled								
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Time	Time	ivi	Time		-			×	×	×	×	×	×	×	TPH: TX 1005 TX 1006				m	-	Project Loc:	Project #:	St N
⊣	S		T <	S	Ľ		+	+	-			H			Calions (Ca, Mg, Na, K)				at:	ŏ #	Loc	# 12	ame
emp	amp	usto	bels	die	bor		+	+	1		<b>-</b>	-			Anions (CI, SO4, Alkalinity)	$\dashv$	ا د ا		×	: 20	Ë	1	Ë
Temperature Upon Receipt:	Sample Hand Delivered by Sampler/Client Rep. ? by Courier? UPS	Custody seals on container(s) Custody seals on cooler(s)	VOCs Free of Headspace?  Labels on container(s)	Sample Containers Intact?	Laboratory Comments:		-	+			-			-	SAR/ESP/CEC		TCLP:		× Standard	PO #: 205-0750			
ure l	and	eals	e of	onta	70		_	+							Metals: As Ag Ba Cd Cr Pb Hg	162		<b>D</b>	anda	50			
Jpor	Deli Clie	99	Hea	iner	m			1	1						Volatiles		$\top$	Analyze	g				
<b>∂</b> Re	vere PR Vere	coole	dsp:	sint	ent										Semivolatiles			ze F			Nix		Z
ceip	w G G	aine er(s)	ace:	act?	s:			×	×	×	×	×	×	×	BTEX: 8021B			For			X GP		Nix GP Battery
1	PHE.	(S)													RCI				TRRP		P		PB
10	F								4						N.O.R.M.			1	장		Battery		atte
0.60	Fee			1				×	×	×	×	×	×	×	Chlorides				1		Ž		Ž
	₩ <del>(M</del>	$\prec \Theta$	36						1						SAR								
S c	Lone																	4	NPDES				
ဂိ	N N Lone Star	ZZ	ZZ	Z				×	×	×	×	×	×	×	RUSH TAT (Pre-Schedule) 24,	48, 72	ırs		ES				
#	4					T				1			1		Standard TAT								

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST



August 29, 2019

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

RE: NIX GP BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/28/19 12:30.

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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> 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.

Celeg 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

Lab Director/Quality Manager



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

Fax To:

(575) 748-4131

Received:

08/28/2019

Reported:

08/29/2019

Project Name: Project Number: NIX GP BATTERY NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V5C- 4' (H902980-01)

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	08/29/2019	ND	1.62	8.08	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105	% 73.3-12	9					18	
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2019	ND	203	102	200	2.69	
DRO >C10-C28*	2780	10.0	08/28/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	752	10.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	88.7	% 41-142							
Surrogate: 1-Chlorooctadecane	161 9	% 37.6-14	7						

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

Received:

08/28/2019

Reported:

08/29/2019

Project Name:

NIX GP BATTERY

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

### Sample ID: V5C- 6' (H902980-02)

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	08/29/2019	ND	1.62	80.8	2.00	1.77	
Toluene*	<0.050	0.050	08/29/2019	ND	1.85	92.7	2.00	2.27	
Ethylbenzene*	0.063	0.050	08/29/2019	ND	1.91	95.3	2.00	3.64	
Total Xylenes*	0.299	0.150	08/29/2019	ND	5.82	97.0	6.00	4.81	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	123 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	08/29/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: CK					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	58.0	50.0	08/28/2019	ND	203	102	200	2.69	
DRO >C10-C28*	2890	50.0	08/28/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	746	50.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	122 5	% 41-142							
Surrogate: 1-Chlorooctadecane	187	% 37.6-14	7						

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

Fax To:

Received:

08/28/2019

Reported: Project Name: 08/29/2019 **NIX GP BATTERY** 

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

### Sample ID: V5C- 8' (H902980-03)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	0.079	0.050	08/29/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	0.995	0.050	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	2.06	0.150	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	3.14	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	109	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	08/29/2019	ND	416	104	400	3.92	QM-07
TPH 8015M	mg	/kg	Analyze	d By: CK					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	87.2	50.0	08/28/2019	ND	203	102	200	2.69	
DRO >C10-C28*	2620	50.0	08/28/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	683	50.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	137	% 41-142	!					#	
Surrogate: 1-Chlorooctadecane	239	% 37.6-14	7						

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\*=Accredited Analyte

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

Received:

08/28/2019

Reported:

08/29/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location: NONE GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V5C- 10' (H902980-04)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	0.154	0.050	08/28/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	1.61	0.050	08/28/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	2.04	0.150	08/28/2019	ND	6.15	102	6.00	0.501	
Total BTEX	3.80	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	109	% 73.3-12	9						×
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	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	81.3	50.0	08/28/2019	ND	203	102	200	2.69	
DRO >C10-C28*	2420	50.0	08/28/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	616	50.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	134	% 41-142	2	,				(# )	,
Surrogate: 1-Chlorooctadecane	190	% 37.6-14	7						

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

Fax To:

Received:

08/28/2019

Reported:

08/29/2019 **NIX GP BATTERY** 

Project Name: Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V5C- 12' (H902980-05)

BTEX 8021B	mg/	'kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD -	Qualifier
Benzene*	<0.200	0.200	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	0.294	0.200	08/29/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	1.98	0.200	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	4.90	0.600	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	7.18	1.20	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 :	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg	'kg	Analyze	d By: CK					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	137	50.0	08/29/2019	ND	203	102	200	2.69	
DRO >C10-C28*	5020	50.0	08/29/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	1470	50.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	134	% 41-142	?						
Surrogate: 1-Chlorooctadecane	265	% 37.6-14	7						

Cardinal Laboratories

\*=Accredited Analyte

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

Fax To:

(575) 748-4131

Received:

08/28/2019

Reported:

08/29/2019

Project Name: Project Number: NIX GP BATTERY NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: V5C- 14' (H902980-06)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.072	0.050	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	0.184	0.050	08/29/2019	ND	1.94	97.2	2.00	0.911	GC-NC
Ethylbenzene*	2.04	0.050	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	4.26	0.150	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	6.55	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	114 %	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	96.3	50.0	08/29/2019	ND	203	102	200	2.69	
DRO >C10-C28*	3010	50.0	08/29/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	831	50.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	108 9	6 41-142							
Surrogate: 1-Chlorooctadecane	179 9	6 37.6-14	7						

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\*=Accredited Analyte

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

Received:

08/28/2019

Reported:

08/29/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location:

NONE GIVEN

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V5C- 16' (H902980-07)

Sample 15. V3C- 10 (11302300-	-								
BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.073	0.050	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	0.126	0.050	08/29/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	1.71	0.050	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	1.84	0.150	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	3.74	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4760	16.0	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	37.3	10.0	08/29/2019	ND	203	102	200	2.69	
DRO >C10-C28*	1150	10.0	08/29/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	295	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	119 9	% 41-142	?						
Surrogate: 1-Chlorooctadecane	158 9	% 37.6-14	7						

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\*=Accredited Analyte

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### **Notes and Definitions**

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or S-06 matrix interference's. The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. S-04 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS QM-07 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND. GC-NC Analyte NOT DETECTED at or above the reporting limit ND Relative Percent Difference RPD 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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# CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

			-														_											
Relinquished by:	Relinquished by:	A Section of the sect			Special I				1	9	5	4	3	2	1	LAB#(lab use only)	CINDEN	אַ מַּחַרַמַּטּ	(lab use of lly)	dep neo o				120			_	
ned by:	ned by:		A has		Special Instructions:			A2C-10	VEC 161	V5C-14'	V5C-12'	V5C-10'	V5C-8'	V5C-6'	V5C-4'			# 12001 as	my)		Sampler Signature:	l elephone No.		City/State/Zip:	Company Address:	Company Name	Project Manager:	
					TPHE											FIELD CODE	00	31		(	Ire:	1/4/-04/-0/0	575 740 4474	Artesia, NM 8	ss: 105 South 4th Street	EOG Y Resources Inc.	: Chase Settle	
Date	Date	8-28-19	Date		TPH EXTENDED needed.									d d			Control				M	1		88210	Street	ces Inc.		
		11			nee											Beginning Depth												
Time	Time	1:30	Time		eded.			1								Ending Depth												
Received by ELOT:	Received by:	James By.	Donaired his					61711719	8/27/2010	8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019	Date Sampled												
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August 29, 2019

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

RE: NIX GP BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/28/19 12:30.

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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> 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. 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

Lab Director/Quality Manager



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

Received:

08/28/2019

Reported:

08/29/2019

Project Name:

NIX GP BATTERY

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

oling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: V6C- 4' (H902981-01)

BTEX 8021B	mg/	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	<0.050	0.050	08/29/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	89.0	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	203	102	200	2.69	
DRO >C10-C28*	2330	10.0	08/29/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	679	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	54.5	% 41-142	?						
Surrogate: 1-Chlorooctadecane	105	% 37.6-14	7						

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\*=Accredited Analyte

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Received:

08/28/2019

Reported:

08/29/2019

Project Name: Project Number: NIX GP BATTERY NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V6C- 6' (H902981-02)

BTEX 8021B	mg/	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	<0.050	0.050	08/29/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	0.074	0.050	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.7	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	203	102	200	2.69	
DRO >C10-C28*	225	10.0	08/29/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	78.5	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	77.9	% 41-142							
Surrogate: 1-Chlorooctadecane	86.9	% 37.6-14	7						

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

Received:

08/28/2019

Reported: Project Name: 08/29/2019

Project Number:

NIX GP BATTERY NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

31/1

Tamara Oldaker

Sample ID: V6C- 8' (H902981-03)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	<0.050	0.050	08/29/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.1	% 73.3-12	9	2					
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	203	102	200	2.69	
DRO >C10-C28*	371	10.0	08/29/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	90.3	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	76.7 % 41-1		}						
Surrogate: 1-Chlorooctadecane	85.5 % 37.6-147		7						

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

Гах

Received: 08/28/2019 Reported: 08/29/2019

Project Name: NIX GP BATTERY

Project Number: NONE GIVEN

Project Location: NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: V6C- 10' (H902981-04)

BTEX 8021B	mg	/kg	Analyze	ed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	<0.050	0.050	08/29/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	89.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5460	16.0	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	203	102	200	2.69	
DRO >C10-C28*	<10.0	10.0	08/29/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	<10.0	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	77.9	% 41-142	?						
Surrogate: 1-Chlorooctadecane	87.3	% 37.6-14	7						

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

Received:

08/28/2019

Reported:

08/29/2019

Project Name: Project Number: **NIX GP BATTERY** NONE GIVEN

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

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

Project Location:

Sample ID: V6C- 12' (H902981-05)

BTEX 8021B	mg,	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	<0.050	0.050	08/29/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	0.174	0.050	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	0.158	0.150	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	0.332	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.3	% 73.3-12	9				X	_	
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	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	203	102	200	2.69	
DRO >C10-C28*	71.9	10.0	08/29/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	<10.0	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	80.3	% 41-142	?						
Surrogate: 1-Chlorooctadecane	85.7	% 37.6-14	7						

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

Fax To:

(575) 748-4131

Received:

08/28/2019

Sampling Date:

08/27/2019

Reported:

08/29/2019

Sampling Type:

Soil

Project Name:

NIX GP BATTERY

Sampling Condition:

Cool & Intact

Project Number: Project Location:

NONE GIVEN NOT GIVEN Sample Received By:

Tamara Oldaker

Sample ID: V6C- 14' (H902981-06)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	<0.050	0.050	08/29/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	88.3	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	203	102	200	2.69	
DRO >C10-C28*	<10.0	10.0	08/29/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	<10.0	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	81.7	% 41-142	?						
Surrogate: 1-Chlorooctadecane	90.2	% 37.6-14	7						

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### **Notes and Definitions**

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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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## ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

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Relinquished by:	belinquished by		Relinquished		Special				6	7	2	CO	2	_	LAB # (lab use only)	ORDER #:	נימט מפר טוווץ)	dah usa a						
led by:			ped by:		special instructions:				V6C-14'	V6C-12'	V6C-10'	V6C-8'	V6C-6'	V6C-4'		-1872014 #	-	Sols.)	Sampler Signature	Telephone No:	City/State/Zip:	Company Addre	Company Name	Project Manager:
					Hell										FIELD CODE	10	0	1	ıre:	575-748-147	Artesia, NM 88210	Company Address: 105 South 4th Street	EOG Y Resources Inc.	r: Chase Settle
Date	D Cate	8-28-19	Date		IPH EXTENDED needed																88210	Street	ırces Inc.	
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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST



August 29, 2019

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

RE: NIX GP BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/28/19 12:30.

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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> 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



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

Received:

08/28/2019

Reported:

08/29/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location:

NONE GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

### Sample ID: H 5+3 (H902982-01)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	<0.050	0.050	08/29/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	89.3	% 73.3-12	9				-		
Chloride, SM4500CI-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	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK					***************************************
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	203	102	200	2.69	
DRO >C10-C28*	10.0	10.0	08/29/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	<10.0	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	79.9	% 41-142							
Surrogate: 1-Chlorooctadecane	88.7	% 37.6-14	7						

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\*=Accredited Analyte

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

Received:

08/28/2019

Reported: Project Name: 08/29/2019 NIX GP BATTERY

Project Number: Project Location: NONE GIVEN NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

### Sample ID: H 7+3 (H902982-02)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	<0.050	0.050	08/29/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	90.7	% 73.3-12	9						
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	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	203	102	200	2.69	
DRO >C10-C28*	251	10.0	08/29/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	129	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	79.6	% 41-142							
Surrogate: 1-Chlorooctadecane	89.2	% 37.6-14	7						

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\*=Accredited Analyte

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Celeg & Keene



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

Received: Reported: 08/28/2019

08/29/2019

Project Name:

NIX GP BATTERY NONE GIVEN

Project Number: Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

### Sample ID: H 10+3 (H902982-03)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	<0.050	0.050	08/29/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	89.7	% 73.3-12	9						
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	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	203	102	200	2.69	
DRO >C10-C28*	<10.0	10.0	08/29/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	<10.0	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	77.9	% 41-142							
Surrogate: 1-Chlorooctadecane	86.0	% 37.6-14	7						

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\*=Accredited Analyte

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

Fax To:

(575) 748-4131

Received:

08/28/2019

Reported: Project Name: 08/29/2019

Project Number:

NIX GP BATTERY NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/27/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

### Sample ID: H 11+2 (H902982-04)

BTEX 8021B	mg,	/kg	Analyze	ed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2019	ND	1.75	87.4	2.00	0.199	
Toluene*	<0.050	0.050	08/29/2019	ND	1.94	97.2	2.00	0.911	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	2.07	103	2.00	0.643	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	6.15	102	6.00	0.501	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	88.6	% 73.3-12	9			-			
Chloride, SM4500CI-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	08/29/2019	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	203	102	200	2.69	
DRO >C10-C28*	343	10.0	08/29/2019	ND	205	102	200	0.571	
EXT DRO >C28-C36	162	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	59.3	% 41-142							
Surrogate: 1-Chlorooctadecane	70.2	% 37.6-14	7						

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\*=Accredited Analyte

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### **Notes and Definitions**

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

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

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# CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

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