



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

May 28, 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 05/20/19 15:00.

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.

Cardinal Laboratories is accredited 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.

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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 1-4' (H901813-01)

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	05/22/2019	ND	1.93	96.5	2.00	0.982		
Toluene*	<0.050	0.050	05/22/2019	ND	2.09	105	2.00	0.452		
Ethylbenzene*	<0.050	0.050	05/22/2019	ND	2.02	101	2.00	0.572		
Total Xylenes*	<0.150	0.150	05/22/2019	ND	6.20	103	6.00	0.326		
Total BTEX	<0.300	0.300	05/22/2019	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 93.0 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/28/2019	ND	368	92.0	400	8.33		

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	05/22/2019	ND	190	95.2	200	8.64	
DRO >C10-C28*	<10.0	10.0	05/22/2019	ND	210	105	200	16.0	
EXT DRO >C28-C36	<10.0	10.0	05/22/2019	ND					

Surrogate: 1-Chlorooctane 86.2 % 41-142

Surrogate: 1-Chlorooctadecane 93.9 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 1-6' (H901813-02)

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	05/22/2019	ND	1.93	96.5	2.00	0.982		
Toluene*	<0.050	0.050	05/22/2019	ND	2.09	105	2.00	0.452		
Ethylbenzene*	<0.050	0.050	05/22/2019	ND	2.02	101	2.00	0.572		
Total Xylenes*	<0.150	0.150	05/22/2019	ND	6.20	103	6.00	0.326		
Total BTEX	<0.300	0.300	05/22/2019	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 95.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/28/2019	ND	368	92.0	400	8.33		

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	05/22/2019	ND	190	95.2	200	8.64		
DRO >C10-C28*	<10.0	10.0	05/22/2019	ND	210	105	200	16.0		
EXT DRO >C28-C36	<10.0	10.0	05/22/2019	ND						

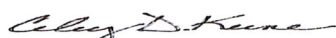
Surrogate: 1-Chlorooctane 84.2 % 41-142

Surrogate: 1-Chlorooctadecane 91.2 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

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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: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 1-8' (H901813-03)

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	05/22/2019	ND	1.93	96.5	2.00	0.982		
Toluene*	<0.050	0.050	05/22/2019	ND	2.09	105	2.00	0.452		
Ethylbenzene*	<0.050	0.050	05/22/2019	ND	2.02	101	2.00	0.572		
Total Xylenes*	<0.150	0.150	05/22/2019	ND	6.20	103	6.00	0.326		
Total BTEX	<0.300	0.300	05/22/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/28/2019	ND	368	92.0	400	8.33	

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	05/22/2019	ND	190	95.2	200	8.64	
DRO >C10-C28*	<10.0	10.0	05/22/2019	ND	210	105	200	16.0	
EXT DRO >C28-C36	<10.0	10.0	05/22/2019	ND					

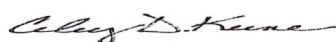
Surrogate: 1-Chlorooctane 90.9 % 41-142

Surrogate: 1-Chlorooctadecane 98.6 % 37.6-147

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*=Accredited Analyte

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 105 SOUTH 4TH STREET
 ARTESIA NM, 88210
 Fax To: (575) 748-4131

 Received: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 1-10' (H901813-04)

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	05/22/2019	ND	1.93	96.5	2.00	0.982		
Toluene*	<0.050	0.050	05/22/2019	ND	2.09	105	2.00	0.452		
Ethylbenzene*	<0.050	0.050	05/22/2019	ND	2.02	101	2.00	0.572		
Total Xylenes*	<0.150	0.150	05/22/2019	ND	6.20	103	6.00	0.326		
Total BTEX	<0.300	0.300	05/22/2019	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 92.2 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/28/2019	ND	368	92.0	400	8.33		

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	05/22/2019	ND	190	95.2	200	8.64	
DRO >C10-C28*	<10.0	10.0	05/22/2019	ND	210	105	200	16.0	
EXT DRO >C28-C36	<10.0	10.0	05/22/2019	ND					

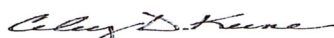
Surrogate: 1-Chlorooctane 89.1 % 41-142

Surrogate: 1-Chlorooctadecane 96.2 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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

Received: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 2-4' (H901813-05)

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	05/22/2019	ND	1.93	96.5	2.00	0.982	
Toluene*	<0.050	0.050	05/22/2019	ND	2.09	105	2.00	0.452	
Ethylbenzene*	<0.050	0.050	05/22/2019	ND	2.02	101	2.00	0.572	
Total Xylenes*	<0.150	0.150	05/22/2019	ND	6.20	103	6.00	0.326	
Total BTEX	<0.300	0.300	05/22/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 95.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/28/2019	ND	368	92.0	400	8.33	

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	05/21/2019	ND	166	83.0	200	12.9	
DRO >C10-C28*	<10.0	10.0	05/21/2019	ND	156	78.1	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	05/21/2019	ND					

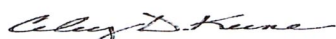
Surrogate: 1-Chlorooctane 94.9 % 41-142

Surrogate: 1-Chlorooctadecane 95.8 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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

Received: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 2-6' (H901813-06)

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	05/22/2019	ND	1.93	96.5	2.00	0.982	
Toluene*	<0.050	0.050	05/22/2019	ND	2.09	105	2.00	0.452	
Ethylbenzene*	<0.050	0.050	05/22/2019	ND	2.02	101	2.00	0.572	
Total Xylenes*	<0.150	0.150	05/22/2019	ND	6.20	103	6.00	0.326	
Total BTEX	<0.300	0.300	05/22/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 96.2 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/28/2019	ND	368	92.0	400	8.33	

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	05/21/2019	ND	166	83.0	200	12.9	
DRO >C10-C28*	<10.0	10.0	05/21/2019	ND	156	78.1	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	05/21/2019	ND					

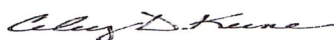
Surrogate: 1-Chlorooctane 92.6 % 41-142

Surrogate: 1-Chlorooctadecane 91.1 % 37.6-147

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*=Accredited Analyte

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105 SOUTH 4TH STREET
ARTESIA NM, 88210
Fax To: (575) 748-4131

Received: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 2-8' (H901813-07)

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	05/22/2019	ND	1.93	96.5	2.00	0.982	
Toluene*	<0.050	0.050	05/22/2019	ND	2.09	105	2.00	0.452	
Ethylbenzene*	<0.050	0.050	05/22/2019	ND	2.02	101	2.00	0.572	
Total Xylenes*	<0.150	0.150	05/22/2019	ND	6.20	103	6.00	0.326	
Total BTEX	<0.300	0.300	05/22/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 95.5 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/28/2019	ND	368	92.0	400	8.33	

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	05/21/2019	ND	166	83.0	200	12.9	
DRO >C10-C28*	<10.0	10.0	05/21/2019	ND	156	78.1	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	05/21/2019	ND					

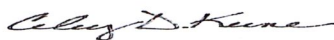
Surrogate: 1-Chlorooctane 86.1 % 41-142

Surrogate: 1-Chlorooctadecane 86.4 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

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105 SOUTH 4TH STREET
ARTESIA NM, 88210
Fax To: (575) 748-4131

Received: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 2-10' (H901813-08)

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	05/22/2019	ND	1.93	96.5	2.00	0.982	
Toluene*	<0.050	0.050	05/22/2019	ND	2.09	105	2.00	0.452	
Ethylbenzene*	<0.050	0.050	05/22/2019	ND	2.02	101	2.00	0.572	
Total Xylenes*	<0.150	0.150	05/22/2019	ND	6.20	103	6.00	0.326	
Total BTEX	<0.300	0.300	05/22/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 95.6 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/28/2019	ND	368	92.0	400	8.33	

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	05/21/2019	ND	166	83.0	200	12.9	
DRO >C10-C28*	<10.0	10.0	05/21/2019	ND	156	78.1	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	05/21/2019	ND					

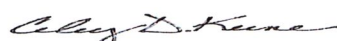
Surrogate: 1-Chlorooctane 84.0 % 41-142

Surrogate: 1-Chlorooctadecane 83.3 % 37.6-147

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*=Accredited Analyte

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 3-4' (H901813-09)

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	05/22/2019	ND	1.93	96.5	2.00	0.982		
Toluene*	0.050	0.050	05/22/2019	ND	2.09	105	2.00	0.452		
Ethylbenzene*	<0.050	0.050	05/22/2019	ND	2.02	101	2.00	0.572		
Total Xylenes*	<0.150	0.150	05/22/2019	ND	6.20	103	6.00	0.326		
Total BTEX	<0.300	0.300	05/22/2019	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 92.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	05/28/2019	ND	368	92.0	400	8.33	

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	05/21/2019	ND	166	83.0	200	12.9	
DRO >C10-C28*	1830	10.0	05/21/2019	ND	156	78.1	200	21.3	
EXT DRO >C28-C36	509	10.0	05/21/2019	ND					

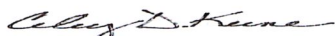
Surrogate: 1-Chlorooctane 66.3 % 41-142

Surrogate: 1-Chlorooctadecane 139 % 37.6-147

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 3-6' (H901813-10)

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	05/22/2019	ND	1.93	96.5	2.00	0.982	
Toluene*	<0.050	0.050	05/22/2019	ND	2.09	105	2.00	0.452	
Ethylbenzene*	<0.050	0.050	05/22/2019	ND	2.02	101	2.00	0.572	
Total Xylenes*	<0.150	0.150	05/22/2019	ND	6.20	103	6.00	0.326	
Total BTEX	<0.300	0.300	05/22/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 95.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/28/2019	ND	368	92.0	400	8.33	

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	05/21/2019	ND	166	83.0	200	12.9	
DRO >C10-C28*	<10.0	10.0	05/21/2019	ND	156	78.1	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	05/21/2019	ND					

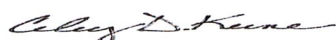
Surrogate: 1-Chlorooctane 79.7 % 41-142

Surrogate: 1-Chlorooctadecane 79.0 % 37.6-147

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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: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 3-8' (H901813-11)

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	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	<0.050	0.050	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	0.160	0.050	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	<0.150	0.150	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	<0.300	0.300	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/28/2019	ND	368	92.0	400	8.33	

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	05/21/2019	ND	166	83.0	200	12.9	
DRO >C10-C28*	487	10.0	05/21/2019	ND	156	78.1	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	05/21/2019	ND					

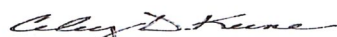
Surrogate: 1-Chlorooctane 84.3 % 41-142

Surrogate: 1-Chlorooctadecane 106 % 37.6-147

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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: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 3-10' (H901813-12)

BTEX 8021B		mg/kg	Analyzed By: ms				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	0.074	0.050	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	5.61	0.050	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	0.370	0.150	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	6.06	0.300	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 130 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/28/2019	ND	368	92.0	400	8.33	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	66.9	10.0	05/21/2019	ND	166	83.0	200	12.9	
DRO >C10-C28*	1000	10.0	05/21/2019	ND	156	78.1	200	21.3	
EXT DRO >C28-C36	104	10.0	05/21/2019	ND					

Surrogate: 1-Chlorooctane 95.3 % 41-142

Surrogate: 1-Chlorooctadecane 107 % 37.6-147

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 4-4' (H901813-13)

BTEX 8021B		mg/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.094	0.050	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	0.179	0.050	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	3.38	0.050	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	13.8	0.150	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	17.4	0.300	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 129 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4520	16.0	05/28/2019	ND	368	92.0	400	8.33	

TPH 8015M		mg/kg	Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	05/21/2019	ND	166	83.0	200	12.9		
DRO >C10-C28*	9710	50.0	05/21/2019	ND	156	78.1	200	21.3		
EXT DRO >C28-C36	2200	50.0	05/21/2019	ND						

Surrogate: 1-Chlorooctane 172 % 41-142

Surrogate: 1-Chlorooctadecane 540 % 37.6-147

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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: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 4-6' (H901813-14)

BTEX 8021B			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.869	0.200	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	1.20	0.200	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	12.7	0.200	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	26.5	0.600	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	41.3	1.20	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1790	16.0	05/28/2019	ND	368	92.0	400	8.33	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	242	50.0	05/22/2019	ND	166	83.0	200	12.9	
DRO >C10-C28*	6040	50.0	05/22/2019	ND	156	78.1	200	21.3	
EXT DRO >C28-C36	1110	50.0	05/22/2019	ND					

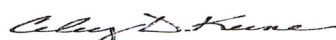
Surrogate: 1-Chlorooctane 190 % 41-142

Surrogate: 1-Chlorooctadecane 351 % 37.6-147

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 4-8' (H901813-15)

BTEX 8021B		mg/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.907	0.200	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	1.27	0.200	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	14.5	0.200	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	29.6	0.600	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	46.3	1.20	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 109 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	05/28/2019	ND	368	92.0	400	8.33	

TPH 8015M		mg/kg	Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	300	50.0	05/22/2019	ND	166	83.0	200	12.9		
DRO >C10-C28*	5900	50.0	05/22/2019	ND	156	78.1	200	21.3		
EXT DRO >C28-C36	935	50.0	05/22/2019	ND						

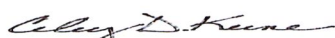
Surrogate: 1-Chlorooctane 212 % 41-142

Surrogate: 1-Chlorooctadecane 307 % 37.6-147

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

 Received: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 4-10' (H901813-16)

BTEX 8021B		mg/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.234	0.050	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	0.482	0.050	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	6.35	0.050	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	13.0	0.150	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	20.0	0.300	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 107 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1940	16.0	05/28/2019	ND	368	92.0	400	8.33	

TPH 8015M		mg/kg	Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	127	10.0	05/22/2019	ND	166	83.0	200	12.9		
DRO >C10-C28*	2250	10.0	05/22/2019	ND	156	78.1	200	21.3		
EXT DRO >C28-C36	388	10.0	05/22/2019	ND						

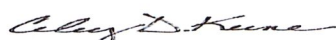
Surrogate: 1-Chlorooctane 141 % 41-142

Surrogate: 1-Chlorooctadecane 162 % 37.6-147

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 5-4' (H901813-17)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.059	0.050	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	0.089	0.050	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	2.54	0.050	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	4.50	0.150	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	7.18	0.300	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 110 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	05/28/2019	ND	400	100	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	05/22/2019	ND	166	83.0	200	12.9		
DRO >C10-C28*	8570	50.0	05/22/2019	ND	156	78.1	200	21.3		
EXT DRO >C28-C36	1990	50.0	05/22/2019	ND						

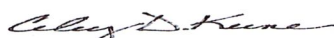
Surrogate: 1-Chlorooctane 135 % 41-142

Surrogate: 1-Chlorooctadecane 484 % 37.6-147

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*=Accredited Analyte

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 5-6' (H901813-18)

BTEX 8021B			mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.896	0.200	05/28/2019	ND	2.01	101	2.00	2.10		
Toluene*	0.437	0.200	05/28/2019	ND	2.11	106	2.00	0.989		
Ethylbenzene*	11.3	0.200	05/28/2019	ND	2.04	102	2.00	0.907		
Total Xylenes*	5.87	0.600	05/28/2019	ND	6.21	103	6.00	1.73		
Total BTEX	18.5	1.20	05/28/2019	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	05/28/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	193	10.0	05/22/2019	ND	166	83.0	200	12.9	
DRO >C10-C28*	3400	10.0	05/22/2019	ND	156	78.1	200	21.3	
EXT DRO >C28-C36	852	10.0	05/22/2019	ND					

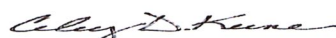
Surrogate: 1-Chlorooctane 103 % 41-142

Surrogate: 1-Chlorooctadecane 207 % 37.6-147

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 5-8' (H901813-19)

BTEX 8021B		mg/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.596	0.050	05/28/2019	ND	2.01	101	2.00	2.10	
Toluene*	0.275	0.050	05/28/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	8.73	0.050	05/28/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	3.66	0.150	05/28/2019	ND	6.21	103	6.00	1.73	
Total BTEX	13.3	0.300	05/28/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 117 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	05/28/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	106	10.0	05/22/2019	ND	166	83.0	200	12.9		
DRO >C10-C28*	1970	10.0	05/22/2019	ND	156	78.1	200	21.3		
EXT DRO >C28-C36	403	10.0	05/22/2019	ND						

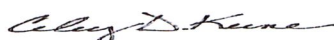
Surrogate: 1-Chlorooctane 95.3 % 41-142

Surrogate: 1-Chlorooctadecane 168 % 37.6-147

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 5-10' (H901813-20)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.827	0.200	05/28/2019	ND	2.01	101	2.00	2.10	
Toluene*	0.426	0.200	05/28/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	12.8	0.200	05/28/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	5.43	0.600	05/28/2019	ND	6.21	103	6.00	1.73	
Total BTEX	19.5	1.20	05/28/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	05/28/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	216	10.0	05/22/2019	ND	166	83.0	200	12.9		
DRO >C10-C28*	3200	10.0	05/22/2019	ND	156	78.1	200	21.3		
EXT DRO >C28-C36	698	10.0	05/22/2019	ND						

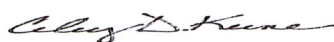
Surrogate: 1-Chlorooctane 106 % 41-142

Surrogate: 1-Chlorooctadecane 220 % 37.6-147

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 6-4' (H901813-21)

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	05/28/2019	ND	2.01	101	2.00	2.10	
Toluene*	<0.050	0.050	05/28/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	0.054	0.050	05/28/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	<0.150	0.150	05/28/2019	ND	6.21	103	6.00	1.73	
Total BTEX	<0.300	0.300	05/28/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 95.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7460	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	166	83.0	200	12.9	
DRO >C10-C28*	1160	10.0	05/22/2019	ND	156	78.1	200	21.3	
EXT DRO >C28-C36	288	10.0	05/22/2019	ND					

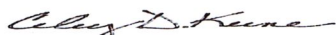
Surrogate: 1-Chlorooctane 82.0 % 41-142

Surrogate: 1-Chlorooctadecane 123 % 37.6-147

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 6-6' (H901813-22)

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	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	<0.050	0.050	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	<0.050	0.050	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	<0.150	0.150	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	<0.300	0.300	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 93.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	05/28/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/22/2019	ND	166	83.0	200	12.9		
DRO >C10-C28*	1820	10.0	05/22/2019	ND	156	78.1	200	21.3		
EXT DRO >C28-C36	561	10.0	05/22/2019	ND						

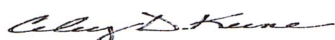
Surrogate: 1-Chlorooctane 79.7 % 41-142

Surrogate: 1-Chlorooctadecane 148 % 37.6-147

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 6-8' (H901813-23)

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	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	<0.050	0.050	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	<0.050	0.050	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	<0.150	0.150	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	<0.300	0.300	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 97.1 % 73.3-129

Chloride, SM4500Cl-B			mg/kg						
			Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	166	83.0	200	12.9	
DRO >C10-C28*	897	10.0	05/22/2019	ND	156	78.1	200	21.3	
EXT DRO >C28-C36	215	10.0	05/22/2019	ND					


Surrogate: 1-Chlorooctane 77.4 % 41-142

Surrogate: 1-Chlorooctadecane 108 % 37.6-147

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 6-10' (H901813-24)

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	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	<0.050	0.050	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	<0.050	0.050	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	<0.150	0.150	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	<0.300	0.300	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 94.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	166	83.0	200	12.9	
DRO >C10-C28*	<10.0	10.0	05/22/2019	ND	156	78.1	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	05/22/2019	ND					

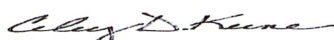
Surrogate: 1-Chlorooctane 82.5 % 41-142

Surrogate: 1-Chlorooctadecane 81.4 % 37.6-147

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* = Accredited Analyte

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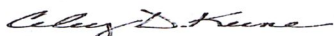
Notes and Definitions

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.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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.
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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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Chase Settle

Project Name: Nix GP Battery

Company Name: EOG Y Resources Inc.

Project #:

Company Address: 105 South 4th Street

Project Loc: Nix GP Battery

City/State/Zip: Artesia, NM 88210

PO #: 205-0750

Telephone No: 575-748-1471

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: *[Signature]*

e-mail:

Chase Settle@eogresources.com

(lab use only)

ORDER #: H901813

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX: 8021B	RCI	N.O.R.M.	Chlorides	SAR	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT	
1	V1-4'			5/16/2019	9:18 AM		1	X								S	X														X	
2	V1-6'			5/16/2019	9:21 AM		1	X								S	X														X	
3	V1-8'			5/16/2019	9:24 AM		1	X								S	X														X	
4	V1-10'			5/16/2019	9:27 AM		1	X								S	X														X	
5	V2-4'			5/16/2019	8:59 AM		1	X								S	X														X	
6	V2-6'			5/16/2019	9:02 AM		1	X								S	X														X	
7	V2-8'			5/16/2019	9:05 AM		1	X								S	X														X	
8	V2-10'			5/16/2019	9:11 AM		1	X								S	X														X	
9	V3-4'			5/16/2019	8:40 AM		1	X								S	X														X	
10	V3-6'			5/16/2019	8:48 AM		1	X								S	X														X	

Special Instructions: **TPH EXTENDED needed.**

Relinquished by: *[Signature]* Date: 5-20-19 Time: 12:30 Received by: *[Signature]* Date: 5-20-19 Time: 15:00

Relinquished by: Date: Time: Received by: Date: Time:

Relinquished by: Date: Time: Received by: Date: Time:

Temperature Upon Receipt: 3.1°C #9770

Laboratory Comments: Sample Containers Intact? ☒ VOCs Free of Headspace? ☒ Labels on container(s) ☒ Custody seals on container(s) ☒ Custody seals on cooler(s) ☒ Sample Hand Delivered by Sampler/Client Rep.? ☒ by Courier? ☒ UPS ☒ DHL ☒ FedEx ☒ Lone Star

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: Nix GP Battery

Project #: _____

Project Loc: Nix GP Battery

PO #: 205-0750

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Chase Settle@eogresources.com

Analyze For:				
--------------	--	--	--	--

TCLP:
TOTAL:

[illegible]



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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: Nix/GD Battery

Project #:

Nix GP Battery

PO #: 205-0750

Fax No:

Report Format: ☒ Standard ☐ TRPB ☐ NPDES

e-mail:

Chase Settle@eogresources.com

ORDER #: H901813

Analyze For:	
TCLP:	
TOTAL:	
	hrs

ORDER #:			
		LAB # (lab use only)	
		FIELD CODE	
		Beginning Depth	
		Ending Depth	
		Date Sampled	
		Time Sampled	
		Field Filtered	
		Total #. of Containers	
		Ice	
		HNO ₃	
		HCl	
		H ₂ SO ₄	
		NaOH	
		Na ₂ S ₂ O ₃	
		None	
		Other (Specify)	
		DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	
		TPH: 8015B	
		TPH: TX 1005 TX 1006	
		Cations (Ca, Mg, Na, K)	
		Anions (Cl, SO ₄ , Alkalinity)	
		SAR / ESP / CEC	
		Metals: As Ag Ba Cd Cr Pb Hg Se	
		Volatiles	
		Semivolatiles	
		BTEX: 8021B	
		RCI	
		N.O.R.M.	
		Chlorides	
		SAR	
		RUSH TAT (Pre-Schedule) 24, 48, 72	
		Standard TAT	

TPH EXTENDED needed.

Laboratory Comments:

Time

Time

Time

	UPS	DHL	FedEx	Lone Star	°C
Sample Containers Intact?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N
VOCs Free of Headspace?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N
Labels on container(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N
Custody seals on container(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N
Custody seals on cooler(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N
Sample Hand Delivered by Sampler/Client Rep. ?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N
by Courier?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N
Temperature Upon Receipt:	27.0	27.0	27.0	27.0	°C



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

May 28, 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 05/20/19 15:00.

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.

Cardinal Laboratories is accredited 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.

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,

Caley D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 1 (H901814-01)

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	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	<0.050	0.050	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	<0.050	0.050	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	<0.150	0.150	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	<0.300	0.300	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 96.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	190	95.0	200	4.70	
DRO >C10-C28*	<10.0	10.0	05/22/2019	ND	198	98.8	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/22/2019	ND					

Surrogate: 1-Chlorooctane 97.2 % 41-142

Surrogate: 1-Chlorooctadecane 98.3 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

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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: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 2 (H901814-02)

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	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	<0.050	0.050	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	<0.050	0.050	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	<0.150	0.150	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	<0.300	0.300	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 95.4 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	190	95.0	200	4.70	
DRO >C10-C28*	27.9	10.0	05/22/2019	ND	198	98.8	200	1.46	
EXT DRO >C28-C36	30.8	10.0	05/22/2019	ND					

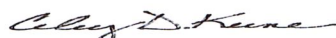
Surrogate: 1-Chlorooctane 98.2 % 41-142

Surrogate: 1-Chlorooctadecane 107 % 37.6-147

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*=Accredited Analyte

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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: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 3 (H901814-03)

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	05/23/2019	ND	2.01	101	2.00	2.10		
Toluene*	0.056	0.050	05/23/2019	ND	2.11	106	2.00	0.989		
Ethylbenzene*	<0.050	0.050	05/23/2019	ND	2.04	102	2.00	0.907		
Total Xylenes*	<0.150	0.150	05/23/2019	ND	6.21	103	6.00	1.73		
Total BTEX	<0.300	0.300	05/23/2019	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 93.2 % 73.3-129

Chloride, SM4500Cl-B			mg/kg							Analyzed By: JH	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	48.0	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	190	95.0	200	4.70		
DRO >C10-C28*	65.7	10.0	05/22/2019	ND	198	98.8	200	1.46		
EXT DRO >C28-C36	55.3	10.0	05/22/2019	ND						

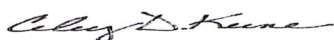
Surrogate: 1-Chlorooctane 81.6 % 41-142

Surrogate: 1-Chlorooctadecane 90.9 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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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: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 4 (H901814-04)

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	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	<0.050	0.050	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	<0.050	0.050	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	<0.150	0.150	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	<0.300	0.300	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 95.9 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	190	95.0	200	4.70	
DRO >C10-C28*	<10.0	10.0	05/22/2019	ND	198	98.8	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/22/2019	ND					

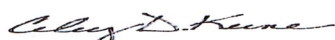
Surrogate: 1-Chlorooctane 86.9 % 41-142

Surrogate: 1-Chlorooctadecane 90.5 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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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: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 5 (H901814-05)

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	05/23/2019	ND	2.01	101	2.00	2.10	
Toluene*	<0.050	0.050	05/23/2019	ND	2.11	106	2.00	0.989	
Ethylbenzene*	<0.050	0.050	05/23/2019	ND	2.04	102	2.00	0.907	
Total Xylenes*	<0.150	0.150	05/23/2019	ND	6.21	103	6.00	1.73	
Total BTEX	<0.300	0.300	05/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PII) 97.3 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	190	95.0	200	4.70	
DRO >C10-C28*	<10.0	10.0	05/22/2019	ND	198	98.8	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/22/2019	ND					

Surrogate: 1-Chlorooctane 95.1 % 41-142

Surrogate: 1-Chlorooctadecane 97.0 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 6 (H901814-06)

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	05/24/2019	ND	2.01	101	2.00	6.83	
Toluene*	<0.050	0.050	05/24/2019	ND	2.11	105	2.00	5.54	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.02	101	2.00	6.59	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.08	101	6.00	6.68	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 96.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	190	95.0	200	4.70	
DRO >C10-C28*	<10.0	10.0	05/22/2019	ND	198	98.8	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/22/2019	ND					

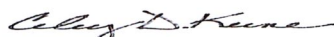
Surrogate: 1-Chlorooctane 96.1 % 41-142

Surrogate: 1-Chlorooctadecane 97.5 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 7 (H901814-07)

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	05/24/2019	ND	2.01	101	2.00	6.83	
Toluene*	<0.050	0.050	05/24/2019	ND	2.11	105	2.00	5.54	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.02	101	2.00	6.59	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.08	101	6.00	6.68	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 95.6 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	190	95.0	200	4.70	
DRO >C10-C28*	<10.0	10.0	05/22/2019	ND	198	98.8	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/22/2019	ND					

Surrogate: 1-Chlorooctane 81.2 % 41-142

Surrogate: 1-Chlorooctadecane 85.1 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 8 (H901814-08)

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	05/24/2019	ND	2.01	101	2.00	6.83	
Toluene*	<0.050	0.050	05/24/2019	ND	2.11	105	2.00	5.54	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.02	101	2.00	6.59	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.08	101	6.00	6.68	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 96.3 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	190	95.0	200	4.70	
DRO >C10-C28*	<10.0	10.0	05/22/2019	ND	198	98.8	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/22/2019	ND					

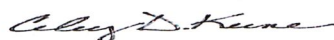
Surrogate: 1-Chlorooctane 90.6 % 41-142

Surrogate: 1-Chlorooctadecane 92.1 % 37.6-147

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* = Accredited Analyte

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 9 (H901814-09)

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	05/24/2019	ND	2.01	101	2.00	6.83	
Toluene*	<0.050	0.050	05/24/2019	ND	2.11	105	2.00	5.54	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.02	101	2.00	6.59	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.08	101	6.00	6.68	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 93.1 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	190	95.0	200	4.70	
DRO >C10-C28*	<10.0	10.0	05/22/2019	ND	198	98.8	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/22/2019	ND					

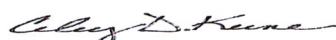
Surrogate: 1-Chlorooctane 94.5 % 41-142

Surrogate: 1-Chlorooctadecane 94.8 % 37.6-147

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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: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 10 (H901814-10)

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	05/28/2019	ND	2.01	101	2.00	6.83	
Toluene*	<0.050	0.050	05/28/2019	ND	2.11	105	2.00	5.54	
Ethylbenzene*	0.811	0.050	05/28/2019	ND	2.02	101	2.00	6.59	
Total Xylenes*	2.02	0.150	05/28/2019	ND	6.08	101	6.00	6.68	
Total BTEX	2.83	0.300	05/28/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 107 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	190	95.0	200	4.70	
DRO >C10-C28*	1560	10.0	05/22/2019	ND	198	98.8	200	1.46	
EXT DRO >C28-C36	384	10.0	05/22/2019	ND					

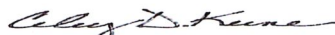
Surrogate: 1-Chlorooctane 95.2 % 41-142

Surrogate: 1-Chlorooctadecane 132 % 37.6-147

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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: 05/20/2019
Reported: 05/28/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 05/16/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 11 (H901814-11)

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	05/24/2019	ND	2.01	101	2.00	6.83	
Toluene*	<0.050	0.050	05/24/2019	ND	2.11	105	2.00	5.54	
Ethylbenzene*	0.232	0.050	05/24/2019	ND	2.02	101	2.00	6.59	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.08	101	6.00	6.68	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 96.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	05/28/2019	ND	400	100	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*	<100	100	05/22/2019	ND	190	95.0	200	4.70	
DRO >C10-C28*	<100	100	05/22/2019	ND	198	98.8	200	1.46	
EXT DRO >C28-C36	<100	100	05/22/2019	ND					

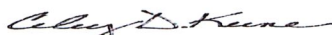
Surrogate: 1-Chlorooctane 102 % 41-142

Surrogate: 1-Chlorooctadecane 124 % 37.6-147

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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: 05/20/2019
 Reported: 05/28/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/16/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 12 (H901814-12)

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	05/24/2019	ND	2.01	101	2.00	6.83	
Toluene*	<0.050	0.050	05/24/2019	ND	2.11	105	2.00	5.54	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.02	101	2.00	6.59	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.08	101	6.00	6.68	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 94.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/28/2019	ND	400	100	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	05/22/2019	ND	190	95.0	200	4.70	
DRO >C10-C28*	<10.0	10.0	05/22/2019	ND	198	98.8	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	05/22/2019	ND					

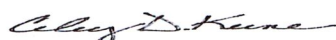
Surrogate: 1-Chlorooctane 88.6 % 41-142

Surrogate: 1-Chlorooctadecane 89.7 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

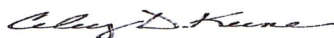
Notes and Definitions

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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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Chase Settle

Project Name:

Nix GP Battery

Company Name: EOG Y Resources Inc.

Project #:

Company Address: 105 South 4th Street

Project Loc:

Nix GP Battery

City/State/Zip: Artesia, NM 88210

PO #: 205-0750

Telephone No: 575-748-4471

Fax No:

Report Format:

☒ Standard

☐ TRRP

☐ NPDES

Sampler Signature:

e-mail:

Chase Settle@eoresources.com

(lab use only)

ORDER #: H901814

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX: 8021B	RCI	N.O.R.M.	Chlorides	SAR	RUSH TAT (Pre-Schedule) 24, 46, 72 hrs	Standard TAT
1	H1			5/16/2019	4:23 PM		1	X								S	X														X
2	H2			5/16/2019	4:25 PM		1	X								S	X														X
3	H3			5/16/2019	4:27 PM		1	X								S	X														X
4	H4			5/16/2019	4:29 PM		1	X								S	X														X
5	H5			5/16/2019	4:31 PM		1	X								S	X														X
6	H6			5/16/2019	4:33 PM		1	X								S	X														X
7	H7			5/16/2019	4:36 PM		1	X								S	X														X
8	H8			5/16/2019	4:38 PM		1	X								S	X														X
9	H9			5/16/2019	4:40 PM		1	X								S	X														X
10	H10			5/16/2019	4:42 PM		1	X								S	X														X

Special Instructions: **TPH EXTENDED needed.**

Relinquished by: *[Signature]* Date: 5-20-19 Time: 12:30 Received by: *[Signature]* Date: 5-20-19 Time: 15:00

Relinquished by: *[Signature]* Date: Time: Received by: *[Signature]* Date: Time:

Relinquished by: Date: Time: Received by: ELDT: Date: Time:

Temperature Upon Receipt: 3.1°C #4770

Laboratory Comments:

Sample Containers Intact? ☒ N

VOCs Free of Headspace? ☒ N

Labels on container(s) ☒ N

Custody seals on container(s) ☒ N

Custody seals on cooler(s) ☒ N

Sample Hand Delivered by Sampler/Client Rep. ? ☒ N

by Courier? ☒ UPS ☒ DHL ☒ FedEx ☒ Lone Star

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Nix GP Battery

Nix GP Battery

PO #: 205-0750

☐ NPDES

Chase Settle@geogresources.com

(lab use only)					
ORDER #: H90814					
LAB # (lab use only)					
FIELD CODE		Beginning Depth		Ending Depth	
Date Sampled		Time Sampled			
Field Filtered		Total #. of Containers			
Ice		HNO ₃		HCl	
H ₂ SO ₄		NaOH		Na ₂ S ₂ O ₃	
None		Other (Specify)			
DW=Drinking Water SL=Sludge		GW = Groundwater S=Soil/Solid		NP=Non-Potable Specify Other	
TPH: 8015B		TX 1005 TX 1006		Cations (Ca, Mg, Na, K)	
Anions (Cl, SO ₄ , Alkalinity)		SAR / ESP / CEC		Metals: As Ag Ba Cd Cr Pb Hg Se	
Volatiles		Semivolatiles		BTX: 8021B	
RCI		N.O.R.M.		Chlorides	
SAR		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs		Standard TAT	

Special Instructions:					
TPH EXTENDED needed.					

Relinquished by:					
Date	Time	Received by:	Date	Time	Received by:
5-20-19	12:30	[Signature]	5-20-19	15:00	[Signature]

Laboratory Comments:					
Sample Containers Intact?					
VOCs Free of Headspace?					
Labels on container(s)					
Custody seals on container(s)					
Custody seals on cooler(s)					
Sample Hand Delivered					
by Sampler/Client Rep. ?					
by Courier? UPS DHL FedEx Lone Star					
Temperature Upon Receipt:					
31°C #9770					



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

June 19, 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 06/12/19 14:15.

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.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

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: 06/12/2019
 Reported: 06/19/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/10/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 3 - 12' (H902040-01)

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	06/15/2019	ND	2.37	119	2.00	1.55	
Toluene*	<0.050	0.050	06/15/2019	ND	2.35	117	2.00	0.355	
Ethylbenzene*	<0.050	0.050	06/15/2019	ND	2.18	109	2.00	1.60	
Total Xylenes*	<0.150	0.150	06/15/2019	ND	6.61	110	6.00	1.99	
Total BTEX	<0.300	0.300	06/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	06/14/2019	ND	400	100	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	06/13/2019	ND	186	92.9	200	1.68	
DRO >C10-C28*	<10.0	10.0	06/13/2019	ND	181	90.3	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	06/13/2019	ND					

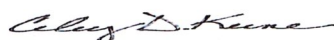
Surrogate: 1-Chlorooctane 87.4 % 41-142

Surrogate: 1-Chlorooctadecane 87.0 % 37.6-147

Cardinal Laboratories

*—Accredited Analyte

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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: 06/12/2019
 Reported: 06/19/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/10/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 3 - 15' (H902040-02)

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	06/15/2019	ND	2.37	119	2.00	1.55	
Toluene*	<0.050	0.050	06/15/2019	ND	2.35	117	2.00	0.355	
Ethylbenzene*	<0.050	0.050	06/15/2019	ND	2.18	109	2.00	1.60	
Total Xylenes*	<0.150	0.150	06/15/2019	ND	6.61	110	6.00	1.99	
Total BTEX	<0.300	0.300	06/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	06/14/2019	ND	400	100	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	06/13/2019	ND	186	92.9	200	1.68	
DRO >C10-C28*	<10.0	10.0	06/13/2019	ND	181	90.3	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	06/13/2019	ND					

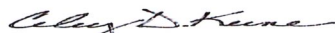
Surrogate: 1-Chlorooctane 95.3 % 41-142

Surrogate: 1-Chlorooctadecane 95.3 % 37.6-147

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 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 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 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.



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: 06/12/2019
 Reported: 06/19/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/10/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 4 - 12' (H902040-03)

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	06/15/2019	ND	2.37	119	2.00	1.55	
Toluene*	<0.050	0.050	06/15/2019	ND	2.35	117	2.00	0.355	
Ethylbenzene*	<0.050	0.050	06/15/2019	ND	2.18	109	2.00	1.60	
Total Xylenes*	<0.150	0.150	06/15/2019	ND	6.61	110	6.00	1.99	
Total BTEX	<0.300	0.300	06/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	06/14/2019	ND	400	100	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	06/13/2019	ND	186	92.9	200	1.68	
DRO >C10-C28*	<10.0	10.0	06/13/2019	ND	181	90.3	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	06/13/2019	ND					

Surrogate: 1-Chlorooctane 97.5 % 41-142

Surrogate: 1-Chlorooctadecane 97.3 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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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: 06/12/2019
 Reported: 06/19/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/10/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 4 - 14' (H902040-04)

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	06/18/2019	ND	2.14	107	2.00	2.43		
Toluene*	<0.050	0.050	06/18/2019	ND	2.13	106	2.00	1.87		
Ethylbenzene*	<0.050	0.050	06/18/2019	ND	2.02	101	2.00	1.39		
Total Xylenes*	<0.150	0.150	06/18/2019	ND	6.11	102	6.00	2.16		
Total BTEX	<0.300	0.300	06/18/2019	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9800	16.0	06/14/2019	ND	400	100	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	06/14/2019	ND	186	92.9	200	1.68		
DRO >C10-C28*	<10.0	10.0	06/14/2019	ND	181	90.3	200	2.24		
EXT DRO >C28-C36	<10.0	10.0	06/14/2019	ND						

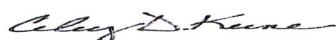
Surrogate: 1-Chlorooctane 95.4 % 41-142

Surrogate: 1-Chlorooctadecane 95.6 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

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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: 06/12/2019
Reported: 06/19/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 06/10/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 5 - 15' (H902040-05)

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	06/18/2019	ND	2.14	107	2.00	2.43	
Toluene*	<0.050	0.050	06/18/2019	ND	2.13	106	2.00	1.87	
Ethylbenzene*	0.072	0.050	06/18/2019	ND	2.02	101	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/18/2019	ND	6.11	102	6.00	2.16	
Total BTEX	<0.300	0.300	06/18/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 102 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	06/14/2019	ND	400	100	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	06/14/2019	ND	186	92.9	200	1.68	
DRO >C10-C28*	30.9	10.0	06/14/2019	ND	181	90.3	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	06/14/2019	ND					

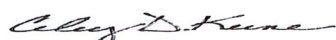
Surrogate: 1-Chlorooctane 95.9 % 41-142

Surrogate: 1-Chlorooctadecane 97.2 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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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: 06/12/2019
Reported: 06/19/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 06/10/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 5 - 19' (H902040-06)

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	06/18/2019	ND	2.14	107	2.00	2.43	
Toluene*	<0.050	0.050	06/18/2019	ND	2.13	106	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/18/2019	ND	2.02	101	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/18/2019	ND	6.11	102	6.00	2.16	
Total BTEX	<0.300	0.300	06/18/2019	ND					

Surrogate: 4-Bromofluorobenzene (PII) 103 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6480	16.0	06/14/2019	ND	400	100	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	06/14/2019	ND	186	92.9	200	1.68	
DRO >C10-C28*	<10.0	10.0	06/14/2019	ND	181	90.3	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	06/14/2019	ND					

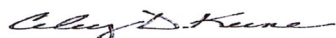
Surrogate: 1-Chlorooctane 94.2 % 41-142

Surrogate: 1-Chlorooctadecane 95.0 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 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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Celey D. Keene, Lab Director/Quality Manager

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

(lab use only)

Nix GP Battery

[illegible]



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

June 19, 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 06/12/19 14:15.

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.

Cardinal Laboratories is accredited 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.

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: 06/12/2019
Reported: 06/19/2019
Project Name: NIX GP BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 06/10/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 4 - 2 (H902041-01)

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	06/18/2019	ND	2.14	107	2.00	2.43	
Toluene*	<0.050	0.050	06/18/2019	ND	2.13	106	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/18/2019	ND	2.02	101	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/18/2019	ND	6.11	102	6.00	2.16	
Total BTEX	<0.300	0.300	06/18/2019	ND					

Surrogate: 4-Bromofluorobenzene (PII) 102 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	06/14/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/14/2019	ND	236	118	200	4.47	
DRO >C10-C28*	521	10.0	06/14/2019	ND	215	108	200	7.27	
EXT DRO >C28-C36	347	10.0	06/14/2019	ND					

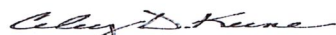
Surrogate: 1-Chlorooctane 98.3 % 41-142

Surrogate: 1-Chlorooctadecane 159 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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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: 06/12/2019
 Reported: 06/19/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/10/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 5 - 2 (H902041-02)

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	06/18/2019	ND	2.14	107	2.00	2.43	
Toluene*	<0.050	0.050	06/18/2019	ND	2.13	106	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/18/2019	ND	2.02	101	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/18/2019	ND	6.11	102	6.00	2.16	
Total BTEX	<0.300	0.300	06/18/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 102 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	06/14/2019	ND	400	100	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	06/13/2019	ND	236	118	200	4.47	
DRO >C10-C28*	132	10.0	06/13/2019	ND	215	108	200	7.27	
EXT DRO >C28-C36	84.0	10.0	06/13/2019	ND					


Surrogate: 1-Chlorooctane 93.2 % 41-142

Surrogate: 1-Chlorooctadecane 105 % 37.6-147

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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: 06/12/2019
 Reported: 06/19/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/10/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 6 - 2 (H902041-03)

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	06/18/2019	ND	2.14	107	2.00	2.43	
Toluene*	<0.050	0.050	06/18/2019	ND	2.13	106	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/18/2019	ND	2.02	101	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/18/2019	ND	6.11	102	6.00	2.16	
Total BTEX	<0.300	0.300	06/18/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 102 % 73.3-129

Chloride, SM4500Cl-B			mg/kg						
			Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	06/14/2019	ND	400	100	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	06/13/2019	ND	236	118	200	4.47	
DRO >C10-C28*	154	10.0	06/13/2019	ND	215	108	200	7.27	
EXT DRO >C28-C36	20.7	10.0	06/13/2019	ND					

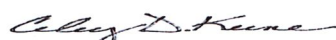
Surrogate: 1-Chlorooctane 101 % 41-142

Surrogate: 1-Chlorooctadecane 128 % 37.6-147

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Analytical Results For:

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

 Received: 06/12/2019
 Reported: 06/19/2019
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/10/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 10 - 2 (H902041-04)

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	06/18/2019	ND	2.14	107	2.00	2.43	
Toluene*	<0.050	0.050	06/18/2019	ND	2.13	106	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/18/2019	ND	2.02	101	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/18/2019	ND	6.11	102	6.00	2.16	
Total BTEX	<0.300	0.300	06/18/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	06/14/2019	ND	400	100	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	06/13/2019	ND	236	118	200	4.47	
DRO >C10-C28*	<10.0	10.0	06/13/2019	ND	215	108	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	06/13/2019	ND					

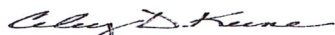
Surrogate: 1-Chlorooctane 92.7 % 41-142

Surrogate: 1-Chlorooctadecane 94.2 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

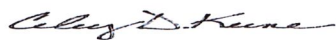
Notes and Definitions

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

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

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Discussion

Project #:

Project Loc:

PO #: 205-0750

Fax No:

Report Format: ☒ Standard

Chase Settle@eogresources.com

ORDER #: F-902041

(lab use only)
ORDER #:
H902041
LAB # (lab use only)
FIELD CODE
H4-2 H5-2 H6-2 H10-2
Beginning Depth
Ending Depth
Date Sampled
Time Sampled
Field Filtered
Total #. of Containers
Ice
HNO ₃
HCl
H ₂ SO ₄
NaOH
Na ₂ S ₂ O ₃
None
Other (Specify)
DW=Drinking Water SL=Sludge
GW = Groundwater S=Soil/Solid
NP=Non-Potable Specify Other
TPH: 8015B
TPH: TX 1005 TX 1006
Cations (Ca, Mg, Na, K)
Anions (Cl, SO ₄ , Alkalinity)
SAR / ESP / CEC
Metals: As Ag Ba Cd Cr Pb Hg Se
Volatiles
Semivolatiles
BTEX: 8021B
RCI
N.O.R.M.
Chlorides
SAR
RUSH TAT (Pre-Schedule) 24, 48, 72 hrs
Standard TAT

Relinquished by:
Relinquished by:
Relinquished by:
Special Instructions:
6-12-19 11:30 Received by Jucara Kladyne
6-12-19 14:15 Date Time
Received by ELDT:
Date Time
Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?
Labels on container(s) Custody seals on container(s) Custody seals on cooler(s) Sample Hand Delivered by Sampler/Client Rep? ? by Courier? UPS DHL Fedex Lone Star
Temperature Upon Receipt: 39°C #9710