

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Received: Reported: 05/20/2019

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: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	93.0	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

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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: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	95.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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*=Accredited Analyte

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Received:

05/20/2019

Reported:

05/28/2019

Project Name: Project Number: NIX GP BATTERY NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

05/16/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	95.1	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	1						
Surrogate: 1-Chlorooctadecane	98.6	% 37.6-14	7						

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Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY NONE GIVEN

Project Number: 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	Analyze	d 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 (PIL	92.2	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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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	Analyze	d 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 (PIL	95.1	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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

Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location:

NONE GIVEN

Sampling Date:

05/16/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	96.2 9	% 73.3-12	9						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	17						

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Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location:

NONE GIVEN NOT GIVEN

Sampling Date:

05/16/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	95.5	% 73.3-12	29						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 41-14.	2		f.				
Surrogate: 1-Chlorooctadecane	86.4	% 37.6-14	<i>47</i>						

Cardinal Laboratories

*=Accredited Analyte

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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: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	95.6	% 73.3-12	9						
Chloride, SM4500CI-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

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Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location:

NONE GIVEN

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	Analyze	d 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 (PIL	92.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: JH				9		
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 37.6-14	7						

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

Fax To:

(575) 748-4131

Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location: NONE GIVEN 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	Analyze	d 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		8			
Surrogate: 4-Bromofluorobenzene (PIL	95.4	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	17						

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

Received:

05/20/2019

Sampling Date:

05/16/2019

Reported:

05/28/2019

Sampling Type:

Soil

Project Name:

NIX GP BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Tamara Oldaker

Project Location:

NOT GIVEN

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

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	104	% 73.3-12	9						
Chloride, SM4500CI-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY

Project Number:

NONE GIVEN

Sampling Date:

05/16/2019

Sampling Type:

Soil

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

Project Location:

NOT GIVEN

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

BTEX 8021B	mg/kg A		Analyze	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 (PIL	130 5	% 73.3-12	9						
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	Analyze	d 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	?		5				
Surrogate: 1-Chlorooctadecane	107	% 37.6-14	7						

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Received: Reported: 05/20/2019

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	Analyze	d 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 (PIL	129 %	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 41-142	2						
Surrogate: 1-Chlorooctadecane	540 9	% 37.6-14	17						

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Received:

05/20/2019

Reported:

05/28/2019

Project Name: Project Number: NIX GP BATTERY 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 Analyze			d 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 (PIL	105	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 37.6-14	7						

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Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location: NONE GIVEN

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	Analyze	d 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 (PIL	109 5	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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 9	% 41-142							
Surrogate: 1-Chlorooctadecane	307	% 37.6-14	7						

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

Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location:

NONE GIVEN NOT GIVEN Sampling Date:

05/16/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.234	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 (PIL	107 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 41-142	?						-
Surrogate: 1-Chlorooctadecane	162	% 37.6-14	7						

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

Received:

05/20/2019

05/28/2019

Reported: Project Name:

NIX GP BATTERY

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

05/16/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.059	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 (PIL	110 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	?		A		7		
Surrogate: 1-Chlorooctadecane	484	% 37.6-14	7						

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Received:

05/20/2019

Reported:

05/28/2019

Project Name: Project Number: NIX GP BATTERY

Project Location:

NONE GIVEN

Sampling Date:

05/16/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.896	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 (PIL	106	% 73.3-12	9						
Chloride, SM4500CI-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	Analyze	d 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	!		2				100
Surrogate: 1-Chlorooctadecane	207	% 37.6-14	7						

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

Гах

Received: 05/20/2019 Reported: 05/28/2019

05/28/2019 NIX GP BATTERY NONE GIVEN

Project Number: Project Location:

Project Name:

NOT GIVEN

Sampling Date:

05/16/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.596	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 (PIL	117 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	2		219		1		
Surrogate: 1-Chlorooctadecane	168 9	% 37.6-14	17						

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

Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location:

NONE GIVEN 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	Analyze	d 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 (PIL	103 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 37.6-14	7						

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Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location:

NONE 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	Analyze	d 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 (PIL	95.0	% 73.3-12	9		41		1		
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY NONE GIVEN

Project Number: 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	Analyze	d 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 (PIL	93.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	6320	16.0	05/28/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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			0.	*	
Surrogate: 1-Chlorooctane	79.7	% 41-14.	2						
Surrogate: 1-Chlorooctadecane	148	% 37.6-1-	47						

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Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY NONE GIVEN

Project Number: 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	Analyze	d 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 (PIL	97.1	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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					9		
Surrogate: 1-Chlorooctadecane	108 9	% 37.6-14	7						

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

Fax To:

(575) 748-4131

Received:

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	Analyze	d 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 (PIL	94.4	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

ORDER #: (lab use only) Special Instructions: Relinquished by: Relinquished by: 9 V3-4 4 11-10 <u>₩</u> <1-8' 2 11-6 10 V3-6' V1-4' Company Name Project Manager: V2-8¹ Telephone No: City/State/Zip: Company Address: V2-6' Sampler Signature: V2-10' FIELD CODE Chase Settle 105 South 4th Street EOG Y Resources Inc. Artesia, NM 88210 575-748-147 PH EXTENDED 5-20-19 Date Date Date needed Beginning Depth Time Ime Time **Ending Depth** Received by ELOT: 5/16/2019 5/16/2019 5/16/2019 5/16/2019 5/16/2019 5/16/2019 5/16/2019 5/16/2019 5/16/2019 5/16/2019 **Date Sampled** 8:59 AM 9:27 AM 9:24 AM 9:21 AM 9:18 AM 8:48 AM 8:40 AM 9:11 AM 9:05 AM 9:02 AM Fax No: **Time Sampled** e-mail: Field Fillered Chase Total #. of Containers × × × × × × × Ice × × × HNO₃ Settle@eogresources.com HCI H₂SO₄ NaOH Na₂S₂O₃ None 5-20-19 Other (Specify) Date Date Date DW=Drinking Water SL=Sludge Report Format: S S S GW = Groundwater S=Soil/Solid S S S S S S S Project Name: NP=Non-Potable Specify Other Project Loc: 15:00 8015B Project #: TPH: × Time Time Ime × × × × × × × × TX 1005 TX 1006 TPH: PO #: 205-0750 Sample Hand Delivered by Sampler/Client Rep. ? by Courier? UPS Labels on container(s)
Custody seals on container(s)
Custody seals on cooler(s) Cations (Ca, Mg, Na, K) Sample Containers Intact? Temperature Upon Receipt: _aboratory Comments: /OCs Free of Headspace? Anions (CI, SO4, Alkalinity) x Standard TOTAL: SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Se Analyze For: Volatiles Semivolatiles Z X Nix GP Battery BTEX: 8021B × × × × × × × × × GP Battery TRRP RCI N.O.R.M. Chlorides × × × × × × × × × NPDES SAR Lone Star RUSH TAT (Pre-Schedule) 24, 48, 72 hrs ZZZZZZ

Standard TAT

× × ×

× × × × × × AB # (lab use only)

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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Relinquished by:	Relingaished by:	Relinquished by		Special Instructions	20	2	18	17	16	3	14	13	12	11	LAB # (lab use only)		ORDER #:	(ומט מסכ טווי)	lah use o				_		_	_
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4.	\ \frac{\sqrt{\sq}\}}}\sqrt{\sq}}}\sqrt{\sq}}}}\sqrt{\sq}}}}}}}}}\signt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}\signtique{\sqrt{\sint}}}}}\signtique{\sqrt{\sqrt{\sqrt{\sq}}}}}}\sqrt{\sqrt{\sq}}}}}}\signtique{\sqrt{\sqrt{\sqrt{\sq}}}}}}\signtique{\sqrt{\sqrt{\sqrt{\sq}}}}}}\signtique{\sqrt{\sq}}}}}}\signtique{\sqrt{\sq}}}}	2		ıctio	10'	ω̈́	တ္	4	0	ω	οž	.4	10'	ω			1			pler	•	pho	Stat	ıpan	ipan	ect N
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ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

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

				The second secon
Project Manager:	Chase Settle	Project Name:	Nix GP Battery	attery
Company Name	Company Name EOG Y Resources Inc.	Project #:		
Company Address: 105 South 4th Street	105 South 4th Street	Project Loc:	Nix GP Battery	attery
City/State/Zip:	Artesia, NM 88210	PO #: 205-0750	750	
Telephone No:	575-748-1471 Fax No:	Report Format: X Standard	andard TRRP	₽ NPDES

Sampler Signature:

e-mail:

Chase Settle@eogresources.com

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Relinquished by:

Date

Time

Received by ELOT:

Date

Time

Temperature Upon Receipt:

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST



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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keena

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Fax To:

(575) 748-4131

Received:

05/20/2019

Sampling Date:

05/16/2019

Reported:

05/28/2019

Sampling Type:

Soil

Project Name:

NIX GP BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Tamara Oldaker

Project Location:

NOT GIVEN

Sample ID: H 1 (H901814-01)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	96.4	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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*=Accredited Analyte

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

Γαλ

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: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: H 2 (H901814-02)

Received:

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	95.4	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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						2	
Surrogate: 1-Chlorooctadecane	107	% 37.6-14	7						

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

Received:

05/20/2019

Reported:

05/28/2019

Project Name: Project Number: NIX GP BATTERY 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	Analyze	d 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 (PIL	93.2	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY NONE GIVEN

Project Number: 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	Analyze	d 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 (PIL	95.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	2						
Surrogate: 1-Chlorooctadecane	90.5	% 37.6-14	17						

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

Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location:

NONE GIVEN

Sampling Date:

05/16/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: H 5 (H901814-05)

BTEX 8021B	mg,	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	97.3	% 73.3-12	9	*					
Chloride, SM4500Cl-B	mg,	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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

Fax To:

(575) 748-4131

Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location:

NONE 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	Analyze	d 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 (PIL	96.0	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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*=Accredited Analyte

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

Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY NONE GIVEN

Project Number: Project Location:

NOT GIVEN

Sampling Date:

ng Date: 05/16/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: H 7 (H901814-07)

Sample 1D: H 7 (H901814-07)	mg/	ka	Analyze	d By: ms					
BTEX 8021B	ilig/	ky	Analyze				~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		
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 (PIL	95.69	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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05/20/2019

Received: 05/28/2019 Reported:

NIX GP BATTERY Project Name: Project Number: NONE GIVEN

Project Location: NOT GIVEN Sampling Date:

05/16/2019

Soil Sampling Type:

Cool & Intact

Sampling Condition: Sample Received By:

Tamara Oldaker

Sample ID: H 8 (H901814-08)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	96.3	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	2						
Surrogate: 1-Chlorooctadecane	92.1	% 37.6-14	17						

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

Fax

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 Cool & Intact

Sampling Condition: Sample Received By:

Tamara Oldaker

Sample ID: H 9 (H901814-09)

Received:

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	93.1	% 73.3-12	9				-		
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	?				7		
Surrogate: 1-Chlorooctadecane	94.8	% 37.6-14	7						

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

Fax To:

(575) 748-4131

Received: Reported: 05/20/2019

05/28/2019

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

Project Location:

NOT GIVEN

Sampling Date:

05/16/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: H 10 (H901814-10)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	107	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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Celeg & Kreene



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: Project Location:

NONE 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	Analyze	d 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 (PIL	96.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 37.6-14	7						

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

Received:

05/20/2019

Reported:

05/28/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location:

NONE GIVEN 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	Analyze	d 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 (PIL	94.7	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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Notes and Definitions

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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

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Temperature Upon Receipt:	Sample Hand Delivered by Sampler/Client Rep. ? by Courier? UPS	Custody seals on container(s) Custody seals on cooler(s)	VOCs Free of Headspace?	Sample Containers Intact?	Laboratory Comments:				-	- 1	\neg					Semivolatiles				Analyze For:				z		Z
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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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Temperature Upon Receipt:	UPS	Sample Hand Delivered by Sampler/Client Rep. ?	Custody seals on container(s) Custody seals on cooler(s)	VOCs Free of Headspace?	Sample Containers Intact?	Laboratory Comments:										Semivolatiles			П	ze F				Z		Z
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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 accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keena

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Fax To:

(575) 748-4131

Received:

06/12/2019

Sampling Date:

06/10/2019

Reported:

06/19/2019

Sampling Type:

Soil

Project Name:

NIX GP BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Tamara Oldaker

Project Location:

NOT GIVEN

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

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	104	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	06/14/2019	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	17						

Cardinal Laboratories

*=Accredited Analyte

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

Fax

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: So

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

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

Received:

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	105	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	06/14/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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*=Accredited Analyte

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

Fax To:

(575) 748-4131

Received:

06/12/2019

Reported:

06/19/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location: NONE GIVEN 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	Analyze	d 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 (PIL	103 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	06/14/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS				-	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 41-142							
Surrogate: 1-Chlorooctadecane	97.3 9	% 37.6-14	7						

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Celeg D. Keene



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 NIX GP BATTERY

Project Name: 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	Analyze	d 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 (PIL	106 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9800	16.0	06/14/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	?		2				
Surrogate: 1-Chlorooctadecane	95.6	% 37.6-14	7						

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Celeg D. Keene



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

Received:

06/12/2019

Reported:

06/19/2019

Project Name:

NIX GP BATTERY NONE GIVEN

Project Number:

Sampling Date:

06/10/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Project Location:

NOT GIVEN

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

BTEX 8021B	mg,	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	06/14/2019	ND	400	100	400	0.00	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

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Celeg D. Kreene



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

Received:

06/12/2019

Reported: Project Name: 06/19/2019

Project Number:

NIX GP BATTERY 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	Analyze	d 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 (PIL	103 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6480	16.0	06/14/2019	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

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ND

Notes and Definitions

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

Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories *=Accredited Analyte

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Celeg & Keene

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

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

Selli Iquisi led by	Selinguished by:	cellinguisned by		Special				5	Cr	2	S	12	-	LAB # (lab use only)		ORDER #:		lab use only)							
lied by.	hed by:	ned by		Special Instructions:				V5-19'	V5-15'	V4-14'	V4-12'	V3-15'	V3-12'					only)	Sampler Signature:		Telephone No:	City/State/Zip:	Company Add	Company Name	Project Manager:
				TPHE										FIELD CODE	1	ロボのアンドイ	200	1	ture:		575-748-1471	Artesia, NM 88210	Company Address: 105 South 4th Street	1e EOG Y Resources Inc.	er: Chase Settle
Calc	D Cale	6-12-19		TPH EXTENDED needed.											1000				1	1		38210	Street	rces Inc.	
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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 accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keena

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Received:

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: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIL	102 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	06/14/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d 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	ı.	-					
Surrogate: 1-Chlorooctadecane	159 % 37.6-147		7						

Cardinal Laboratories

*=Accredited Analyte

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

Fax

Reported: Project Name: 06/12/2019 06/19/2019 NIX GP BATTERY NONE GIVEN

Project Number: Project Location:

Received:

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	Analyze	d 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 (PIL	102 %	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	06/14/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 %	6 41-142							
Surrogate: 1-Chlorooctadecane	105 %	37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keene



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: Project Location:

NONE 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	Analyze	d 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 (PIL	102 5	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	06/14/2019	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 41-142							
Surrogate: 1-Chlorooctadecane	128 % 37.0		7						

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*=Accredited Analyte

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

Fax To:

(575) 748-4131

Received:

06/12/2019

Reported:

06/19/2019

Project Name:

NIX GP BATTERY

Project Number: Project Location:

NONE 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	Analyze	d 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 (PIL	102 5	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	06/14/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS	5				
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	% 37.6-14	7						

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

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	Date	Date	6-12-19	Date		TPH EXTENDED needed.										FIELD CODE	10-1	したりゅうの上		ture:	575-748-1471	Artesia, NM 88210	Company Address: 105 South 4th Street	IE EOG Y Resources Inc.	er: Chase Settle
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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST