

Seven Rivers Compressor Station Soil Data Table

Sample ID	Depth (ft. bgs)	Date	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH (GRO)	TPH (DRO)	TPH EXT DRO	Total TPH	Chlorides
H703606-01	0'-5' Composite	12/26/17	<0.050	<0.050	<0.050	0.978	0.978	40.6	332	116	488.6	-
H703607-01	0'-5' Composite	12/26/17	<0.050	<0.050	<0.050	0.949	0.949	34.3	289	119	442.3	-
H800064-01	Initial Exc Composite A	01/03/18	<0.500	1.40	4.02	31.6	37.0	235	330	79.8	644.8	-
H800064-02	Initial Exc Composite B	01/03/18	<0.500	2.77	6.89	61.9	71.5	316	285	68.9	669.9	-
H800064-03	Initial Exc Composite C	01/03/18	<0.500	4.00	9.85	78.4	92.3	405	320	79.3	804.3	-
H800175-01	Cool-Ox Treatment Composite	01/15/18	<0.050	1.11	3.04	23.7	27.8	52.3	31.2	<10.0	83.5	-

Soil samples collected 12/26/2017 were done by the 5-point composite method at a multitude of depths for each sample hole to get a truly representative sample of the soil. Samples were collected after the first 5' of soil was removed from the treatment area. These sample analytical results are H703606-01 and H703607-01.

Soil samples collected 01/03/2018 were completed as soil that was excavated was moved to the treatment cell. With each bucket of material that was transferred to the cell, a sample was collected to create composite samples of the soil prior to treatment with Cool-Ox. H800064-01 consisted of soil from approximately 5' bgs to 8' bgs. H800064-02 consisted of soil from approximately 8' bgs to 11' bgs. H800064-03 consisted of soil from approximately 11' bgs to 13' bgs.

H800175-01 was collected by way of a 5-point composite sample. This soil was treated with Cool-Ox on 01/04/2018, the soil was not dry enough to sample until 01/15/2018. 5 sample points within the treatment cell were sampled from surface to the liner at approximately 6 inch intervals, providing for an accurate sample of the treated soil.



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

December 28, 2017

CHASE SETTLE

EOG Y RESOURCES, INC

105 SOUTH 4TH STREET

ARTESIA, NM 88210

RE: SEVEN RIVERS COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 12/27/17 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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](http://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:	12/27/2017	Sampling Date:	12/26/2017
Reported:	12/28/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SEVEN RIVERS COMPRESSOR STATION		

**Sample ID: 0-5' COMPOSITE (H703606-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/28/2017	ND	2.10	105	2.00	1.37	
Toluene*	<0.050	0.050	12/28/2017	ND	2.04	102	2.00	0.344	
Ethylbenzene*	<0.050	0.050	12/28/2017	ND	1.99	99.6	2.00	0.767	
<b>Total Xylenes*</b>	<b>0.978</b>	0.150	12/28/2017	ND	6.09	102	6.00	0.976	
<b>Total BTEX</b>	<b>0.978</b>	0.300	12/28/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 115 % 72-148

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>40.6</b>	10.0	12/28/2017	ND	206	103	200	7.68	
<b>DRO &gt;C10-C28*</b>	<b>332</b>	10.0	12/28/2017	ND	188	94.1	200	8.62	
<b>EXT DRO &gt;C28-C36</b>	<b>116</b>	10.0	12/28/2017	ND					

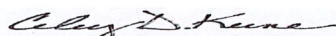
Surrogate: 1-Chlorooctane 84.1 % 28.3-164

Surrogate: 1-Chlorooctadecane 82.0 % 34.7-157

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

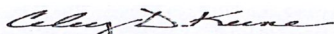
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





(lab use only)		Sanitizer Signature: _____	
ORDER #: <b>17031006</b>			
LAB # (lab use only)			
FIELD CODE			
0-5' Composite			
Beginning Depth	0'		
Ending Depth	5'		
Date Sampled	12/26/2017		
Time Sampled	10:34 AM		
Field Filtered			
Total #. of Containers	1		
Ice	X		
HNO <sub>3</sub>			
HCl			
H <sub>2</sub> SO <sub>4</sub>			
NaOH			
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>			
None			
Other (Specify)			
DW=Drinking Water SL=Sludge			
GW = Groundwater S=Soil/Solid			
NP=Non-Potable Specify Other			
TPH: <b>8015B EXT</b>	S		
TPH: TX 1005 TX 1006	X		
Cations (Ca, Mg, Na, K)			
Anions (Cl, SO <sub>4</sub> , Alkalinity)			
SAR / ESP / CEC			
Metals: As Ag Ba Cd Cr Pb Hg Se			
Volatiles			
Semivolatiles			
<b>BTEX 8021B</b> /5030 or BTEX 8260	X		
RCI			
N.O.R.M.			
Chlorides			
SAR			
<b>RUSH TAT</b> (Pre-Schedule) 24, 48, 72 hrs	X		
Standard TAT			

Special Instructions:		<b>TPH Extended Report</b>	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:

Laboratory Comments:		Sample Containers Intact?	
VOCs Free of Headspace?		Y	
Labels on container(s)		Y	
Custody seals on container(s)		Y	
Sample Hand Delivered		Y	
by Sampler/Client Rep.?		Y	
by Courier?		Y	
UPS		DHL	
FedEx		Lone Star	
Temperature Upon Receipt: 14.6°C		14.6°C	



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

December 28, 2017

CHASE SETTLE

EOG Y RESOURCES, INC

105 SOUTH 4TH STREET

ARTESIA, NM 88210

RE: SEVEN RIVERS COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 12/27/17 11:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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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:	12/27/2017	Sampling Date:	12/26/2017
Reported:	12/28/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SEVEN RIVERS COMPRESSOR STATION		

**Sample ID: 0-5' COMPOSITE (H703607-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/28/2017	ND	2.10	105	2.00	1.37	
Toluene*	<0.050	0.050	12/28/2017	ND	2.04	102	2.00	0.344	
Ethylbenzene*	<0.050	0.050	12/28/2017	ND	1.99	99.6	2.00	0.767	
<b>Total Xylenes*</b>	<b>0.949</b>	0.150	12/28/2017	ND	6.09	102	6.00	0.976	
<b>Total BTEX</b>	<b>0.949</b>	0.300	12/28/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 112 % 72-148

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>34.3</b>	10.0	12/28/2017	ND	206	103	200	7.68	
<b>DRO &gt;C10-C28*</b>	<b>289</b>	10.0	12/28/2017	ND	188	94.1	200	8.62	
<b>EXT DRO &gt;C28-C36</b>	<b>119</b>	10.0	12/28/2017	ND					

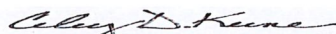
Surrogate: 1-Chlorooctane 90.6 % 28.3-164

Surrogate: 1-Chlorooctadecane 90.6 % 34.7-157

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

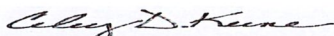
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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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

Company Name: EOG Y Resources Inc.

Company Address: 105 South 4th Street

City/State/Zip: Artesia, NM 88210

Telephone No: 575-748-4171

Fax No:

Sampler Signature:

e-mail:

[Chase.Settle@eoqresources.com](mailto:Chase.Settle@eoqresources.com)

Project Name: Seven Rivers Compressor Station

Project #:

Project Loc: Seven Rivers Compressor Station

PO #: 205-0750

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)

ORDER #: 4703607

LAB # (lab use only)

FIELD CODE

1 0-5 Composite

Beginning Depth

0

Ending Depth

5

Date Sampled

12/26/2017

Time Sampled

10:31 AM

Field Filtered

Total #. of Containers

1

Ice

X

HNO<sub>3</sub>

HCl

H<sub>2</sub>SO<sub>4</sub>

NaOH

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Sol/Solid

NP=Non-Potable Specify Other

TPH: 8015B EXT

TPH: TX 1005 TX 1006

Cations (Ca, Mg, Na, K)

Anions (Cl, SO<sub>4</sub>, Alkalinity)

SAR / ESP / CEC

Metals: As Ag Ba Cd Cr Pb Hg Se

Volatiles

Semivolatiles

BTEX 8021B/5030 or BTEX 8260

X

RCI

N.O.R.M.

Chlorides

SAR

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

X

Standard TAT

Special Instructions:

TPH Extended Report

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

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) ☒  
Sample Hand Delivered ☒  
by Sampler/Client Rep. ? ☒  
by Courier? ☒ UPS ☒ DHL ☒ FedEx ☒ Lone Star  
Temperature Upon Receipt: 16°C



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

January 09, 2018

CHASE SETTLE

EOG Y RESOURCES, INC

105 SOUTH 4TH STREET

ARTESIA, NM 88210

RE: SEVEN RIVERS COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 01/08/18 13:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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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: 01/08/2018  
Reported: 01/09/2018  
Project Name: SEVEN RIVERS COMPRESSOR STATION  
Project Number: NONE GIVEN  
Project Location: SEVEN RIVERS COMPRESSOR STATION

Sampling Date: 01/03/2018  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: INITIAL -A (H800064-01)**

BTEX 8021B		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/09/2018	ND	2.01	100	2.00	0.0569	
Toluene*	1.40	0.500	01/09/2018	ND	1.98	99.0	2.00	1.03	
Ethylbenzene*	4.02	0.500	01/09/2018	ND	1.95	97.7	2.00	0.314	
Total Xylenes*	31.6	1.50	01/09/2018	ND	6.06	101	6.00	0.168	
Total BTEX	37.0	3.00	01/09/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIB) 110 % 72-148

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	235	10.0	01/08/2018	ND	185	92.7	200	3.12	
DRO >C10-C28*	330	10.0	01/08/2018	ND	181	90.5	200	1.73	
EXT DRO >C28-C36	79.8	10.0	01/08/2018	ND					

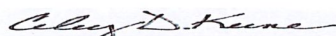
Surrogate: 1-Chlorooctane 92.9 % 28.3-164

Surrogate: 1-Chlorooctadecane 86.6 % 34.7-157

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:	01/08/2018	Sampling Date:	01/03/2018
Reported:	01/09/2018	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SEVEN RIVERS COMPRESSOR STATION		

**Sample ID: INITIAL -B (H800064-02)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/09/2018	ND	2.01	100	2.00	0.0569	
Toluene*	2.77	0.500	01/09/2018	ND	1.98	99.0	2.00	1.03	
Ethylbenzene*	6.89	0.500	01/09/2018	ND	1.95	97.7	2.00	0.314	
Total Xylenes*	61.9	1.50	01/09/2018	ND	6.06	101	6.00	0.168	
Total BTX	71.5	3.00	01/09/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 114 % 72-148

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	316	10.0	01/08/2018	ND	185	92.7	200	3.12	
DRO >C10-C28*	285	10.0	01/08/2018	ND	181	90.5	200	1.73	
EXT DRO >C28-C36	68.9	10.0	01/08/2018	ND					

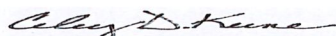
Surrogate: 1-Chlorooctane 91.3 % 28.3-164

Surrogate: 1-Chlorooctadecane 81.0 % 34.7-157

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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:	01/08/2018	Sampling Date:	01/03/2018
Reported:	01/09/2018	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SEVEN RIVERS COMPRESSOR STATION		

### Sample ID: INITIAL -C (H800064-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/09/2018	ND	2.01	100	2.00	0.0569	
Toluene*	4.00	0.500	01/09/2018	ND	1.98	99.0	2.00	1.03	
Ethylbenzene*	9.85	0.500	01/09/2018	ND	1.95	97.7	2.00	0.314	
Total Xylenes*	78.4	1.50	01/09/2018	ND	6.06	101	6.00	0.168	
Total BTX	92.3	3.00	01/09/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 118 % 72-148

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	405	10.0	01/08/2018	ND	185	92.7	200	3.12	
DRO >C10-C28*	320	10.0	01/08/2018	ND	181	90.5	200	1.73	
EXT DRO >C28-C36	79.3	10.0	01/08/2018	ND					

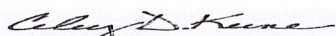
Surrogate: 1-Chlorooctane 99.0 % 28.3-164

Surrogate: 1-Chlorooctadecane 83.0 % 34.7-157

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

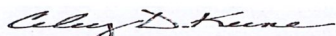
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting 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



## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Chase Settle

Company Name EOG Y Resources Inc.

**Company Address:** 105 South 4th Street

City/State/Zip: Artesia, NM 88210

Telephone No: 575-748-4171

Sampler Signature:

(lab use only)

ORDER #

Fax No:  
e-mail:

[Chase.Settle@geogresources.com](mailto:Chase.Settle@geogresources.com)

Report Format: ☒ Standard

☐ TRRP ☐ NPDES

**PO #:** 205-0750

**Project Loc:** Seven Rivers Compressor Station

**Project #:**

**Project Name:** Seven Rivers Compressor Station

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

January 17, 2018

CHASE SETTLE

EOG Y RESOURCES, INC

105 SOUTH 4TH STREET

ARTESIA, NM 88210

RE: SEVEN RIVERS COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 01/16/18 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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](http://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,

Mike Snyder For 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: 01/16/2018  
 Reported: 01/17/2018  
 Project Name: SEVEN RIVERS COMPRESSOR STATION  
 Project Number: NONE GIVEN  
 Project Location: SEVEN RIVERS COMPRESSOR STATION

 Sampling Date: 01/15/2018  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: 1-T COMPOSITE (H800175-01)**

BTX 8021B		mg/L	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2018	ND	2.03	101	2.00	1.66	
Toluene*	1.11	0.050	01/17/2018	ND	2.04	102	2.00	1.56	
Ethylbenzene*	3.04	0.050	01/17/2018	ND	2.05	103	2.00	1.44	
Total Xylenes*	23.7	0.150	01/17/2018	ND	6.31	105	6.00	1.88	
Total BTX	27.8	0.300	01/17/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIB) 173 % 81.3-128

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	52.3	10.0	01/17/2018	ND	229	114	200	0.0512	
DRO >C10-C28*	31.2	10.0	01/17/2018	ND	228	114	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/17/2018	ND					


Surrogate: 1-Chlorooctane 86.5 % 41-142

Surrogate: 1-Chlorooctadecane 78.0 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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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---

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

**Project Manager:** Chase Settle

Company Name EOG Y Resources Inc.

Company Address: 105 South 4th Street

City/State/Zip: Artesia, NM 88210

Telephone No: 575-748-4171

**Sampler Signature:**

Fax No:

**e-mail:**

[Chase.Settle@eogresources.com](mailto:Chase.Settle@eogresources.com)

Report Format: ☒ Standard

**PO #: 205-0750**

**Project Name:**

## Seven Rivers Compressor Station

Project #:

**Project Loc:** Seven Rivers Compressor Station

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