



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

November 3, 2017

Mr. Mike Bratcher/Ms. Crystal Weaver
NMOCD District II
811 S. First St.
Artesia, NM 88210

Re: Seven Rivers Compressor Station Remediation Work Plan
Section 25, T19S-R24E
Eddy County, New Mexico
2RP-3559

Mr. Bratcher/Ms. Weaver,

EOG Y Resources, Inc. is submitting the enclosed remediation work plan for the above referenced site belonging to Agave Energy Company. The plan is being submitted subsequent to the C-141 report dated on February 23, 2016.

If there are no objections with the scope of work described in the plan, EOG Y Resources, Inc. will have a contractor begin work on or after November 17, 2017.

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

Respectfully,

Chase Settle
Rep Safety & Environmental II
EOG Y Resources, Inc.

**EOG Y Resources, Inc. on behalf of
Agave Energy Company**

Remediation Work Plan

Seven Rivers Compressor Station

Section 25, T19S-R24E

Eddy County, New Mexico

November 3, 2017

2RP- 3559

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I. Location

From Artesia, NM travel south to Rock Daisy Road (CR 23), turn west and go 6.0 miles. Turn right on Crossbuck Road (CR 29) and go 1.0 mile north and then turn west and go 1.5 miles. Turn left on caliche road then go 0.3 miles. Stay on right and follow for 1.4 miles to station.

II. Background

On February 23, 2016 Agave Energy Company submitted to the NMOCD District II office a Form C-141 for the release of an unknown volume once a historic release was discovered after the removal of a fiberglass tank. The affected area is approximately 25 feet by 25 feet within the old battery where the tank was located. Initial delineation samples were taken by Agave personnel on 6/19/2015, with further samples taken on 2/04/2016 and sent to a NMOCD approved laboratory (results submitted by Agave).

On June 27, 2017, further remediation work was turned over to EOG Y Resources, Inc. in accordance with an agreement between Agave Energy Company and Yates Petroleum Corporation. EOG personnel met with Agave personnel onsite and then developed a sampling plan from there. Initial EOG sampling was conducted on July 5 & 7, 2017, within the boundaries of the old battery and sent to a NMOCD approved laboratory (7/12/2017, results enclosed), no chloride testing was conducted due to previous Agave sampling analytical data ruling out that constituent as a contaminant at this site. Based on the S2 sample results, a core rig was acquired and further sampling was conducted on August 10, 2017 in the S2 area with samples sent to a NMOCD approved laboratory (8/15/2017, results enclosed).

III. Surface and Ground Water

Area surface geology is Cenozoic Quaternary. Based on information from the New Mexico Office of the State Engineer database regarding this location (Section 25, T19S-R24E), depth to groundwater is approximately 322 feet. Watercourses in the area are dry except for infrequent flows in response to major precipitation events.

IV. NMOCD Ranking Criteria

The ranking for this site is zero (0) based on the following:

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

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

Benzene	10 ppm
BTEX	50 ppm
TPH	5,000 ppm
Chlorides	No established RRAL

V. Soils

The area consists of soils that are loam based topsoil on top of a sand and caliche layers that are interspersed with clay seams before rock layers are met at 35 feet, and continuing throughout, below grade surface (bgs) which create the barrier to migration of contaminants through the subsurface to groundwater.

VI. Scope of Work

Based on enclosed 2017 analytical results, the depth to groundwater (322'), and a decrease in TPH and BTEX, EOG Y Resources, Inc. will remove the top five (5) feet of soil and store it near location for backfill purposes, then excavate from six (6) feet bgs to a depth of up to forty (40) feet bgs, removing the impacted soil from the S2/C area, bottom hole and sidewall confirmation sampling will determine the final vertical (up to 40' bgs) and horizontal extents of the excavation. EOG Y Resources, Inc. will take sidewall samples in the 4 cardinal directions as well as bottom hole samples, send these samples to a NMOCD approved laboratory, and will stop the excavation once these sample results have returned under the RRALs for BTEX and TPH for the site. Sidewall samples will be collected at 3 points for each direction, one between 10-15' bgs, the second between 20-25' bgs, and the third between 30-35' bgs. This excavated material will then be placed into a lined, bermed containment. The material will then undergo bioremediation until confirmation samples confirm that BTEX and TPH are below RRALs. Confirmation sampling of the material will be conducted by way of a 5-point composite samples. Once the material tests below RRALs for BTEX and TPH, the excavation will be backfilled with the remediated soil. After the excavation has been backfilled, the area will be reseeded with the appropriate seed mix for the area. When remediation work is completed a C-141 Final Report will be submitted to the NMOCD requesting closure of the site.

VII. Bioremediation Method

In order to determine which method will effectively remediate the soils below RRALs, we will be conducting a pilot project with a product called Cool-Ox on the first 100 cy of impacted material that is excavated. If the Cool-Ox product successfully remediates the soil to levels below the RRALs, we will use this product to remediate all remaining impacted material. If this product is unsuccessful, we will lay the soil into the containment in a 6-8 inch lift and use Micro Blaze, which has been used numerous times successfully throughout the area for bioremediation of soils impacted by BTEX and TPH. We will be trying the new product in an attempt to reduce the amount of time that the excavation is left open for bioremediation to occur. Normal Micro Blaze applications can take up to 180 days, while Cool-Ox promotes a remediation time of 48 hours from the time the product is applied to the time when the soils have completed full bioremediation, this will drastically reduce the dangers involved with having such a deep excavation left open by reducing the amount of time that the excavation must remain open before being backfilled.

Table 1

Soil Analytical Data

Soil Analytical Data

Sample ID	Depth (ft. bgs)	Date	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH (GRO)	TPH (DRO)	TPH EXT DRO	Total TPH	Chlorides
S1-1'	1'	7/05/17	<0.050	0.073	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-----
S1-2'	2'	7/05/17	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-----
S3-1'	1'	7/05/17	<0.050	0.064	<0.050	<0.150	<0.300	<10.0	222	218	440	-----
S3-2'	2'	7/05/17	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	436	378	814	-----
S2-1'	1'	7/05/17	<0.050	<0.050	<0.050	5.12	5.12	440	1790	570	2800	-----
S2-2'	2'	7/05/17	<0.050	<0.050	<0.050	4.25	4.25	443	1230	394	2067	-----
S2-3'	3'	7/05/17	<0.050	<0.050	<0.050	3.76	3.76	141	313	111	565	-----
S2-4'	4'	7/05/17	<0.050	<0.050	<0.050	3.26	3.26	153	299	83.7	535.7	-----
S2-5'	5'	7/05/17	<0.050	<0.050	<0.050	9.03	9.03	224	263	59.9	546.9	-----
S2-6'	6'	7/05/17	0.089	3.88	9.74	54.7	58.7	1070	909	177	2156	-----
S2-7'	7'	7/05/17	0.140	4.84	11.1	97.6	114	2630	1660	305	4595	-----
S2-8'	8'	7/05/17	0.105	2.36	5.30	49.5	57.2	408	162	36.0	606	-----
S2-9'	9'	7/05/17	<2.00	<2.00	30.2	297	328	3800	1790	306	5896	-----
S2-10'	10'	7/05/17	<2.00	<2.00	30.6	302	333	5130	2440	429	7999	-----
S2-11'	11'	7/05/17	1.00	<1.00	17.0	157	175	2100	668	152	2920	-----
S2-13'	13'	7/05/17	<5.00	<5.00	60.9	581	642	7090	2280	553	9923	-----
S2-15'	15'	7/07/17	4.12	57.5	25.9	188	276	4250	378	231	4859	-----
S2-16'	16'	7/07/17	6.22	76.2	23.1	170	276	3800	477	1624	4439	-----
S2-17'	17'	7/07/17	3.89	25.9	15.5	128	173	2390	591	198	3179	-----
S2-18'	18'	7/07/17	0.914	5.50	5.51	49.6	61.6	1200	279	91.6	1570.6	-----
S2-19'	19'	7/07/17	6.50	22.8	15.1	128	172	1770	459	87.7	2316.7	-----
S2-20'	20'	7/07/17	10.9	53.1	26.0	227	317	3360	774	189	4323	-----
S2-21'	21'	7/07/17	18.3	99.1	35.2	305	457	7530	1720	423	9673	-----
S2-23'	23'	7/07/17	25.6	129	41.1	352	548	11300	2590	603	14493	-----
C-25'	25'	8/10/17	6.84	42.0	16.1	134	199	2560	832	169	3561	-----
C-30'	30'	8/10/17	1.10	11.7	6.92	62.5	82.2	826	926	236	1988	-----
C-35'	35'	8/10/17	1.49	18.5	8.62	99.7	128	1980	616	162	2758	-----
C-40'	40'	8/10/17	0.310	4.13	2.65	26.7	33.8	281	422	123	826	-----
C-45'	45'	8/10/17	0.052	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	12.9	12.9	-----
C-50'	50'	8/10/17	0.148	0.963	0.606	4.98	6.70	25.9	50.8	17.3	94	-----
C-60'	60'	8/10/17	0.093	0.778	0.540	5.87	7.28	70.1	293	109	472.1	-----
C-65'	65'	8/10/17	0.093	0.069	0.060	0.474	0.696	<10.0	15.2	11.0	26.2	-----
C-70"	70"	8/10/17	<0.050	0.058	0.078	0.540	0.676	<10.0	45.2	13.0	58.2	-----
C-75'	75'	8/10/17	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.8	<10.0	26.8	-----
C-80'	80'	8/10/17	<0.050	<0.050	<0.050	0.220	<0.300	<10.0	92.3	33.9	126.2	-----

Figure 1

Site Map with Sample Points



Figure 2

Site Map (Historical Imagery)



Appendix A

NMOSE Well Log



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
RA 04727			ED	1	2	26	19S	24E		541594	3611184*	354	322	32

Average Depth to Water: **322 feet**

Minimum Depth: **322 feet**

Maximum Depth: **322 feet**

Record Count: 1

PLSS Search:

Section(s): 23-26

Township: 19S

Range: 24E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Appendix B

Soil Sample Laboratory Data



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

July 12, 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 07/10/17 17:06.

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

Cardinal Laboratories is 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: 07/10/2017
 Reported: 07/12/2017
 Project Name: SEVEN RIVERS COMPRESSOR STATION
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/05/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S1 - 1' (H701782-01)

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	07/11/2017	ND	2.18	109	2.00	1.57		
Toluene*	0.073	0.050	07/11/2017	ND	2.05	103	2.00	2.35		
Ethylbenzene*	<0.050	0.050	07/11/2017	ND	2.07	104	2.00	3.34		
Total Xylenes*	<0.150	0.150	07/11/2017	ND	6.12	102	6.00	3.39		
Total BTEX	<0.300	0.300	07/11/2017	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 100 % 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	<10.0	10.0	07/11/2017	ND	211	106	200	5.25		
DRO >C10-C28	<10.0	10.0	07/11/2017	ND	218	109	200	1.36		
EXT DRO >C28-C36	<10.0	10.0	07/11/2017	ND						

Surrogate: 1-Chlorooctane 88.6 % 28.3-164

Surrogate: 1-Chlorooctadecane 94.0 % 34.7-157

Cardinal Laboratories

*=Accredited Analyte

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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:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S1 - 2' (H701782-02)

BTEX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2017	ND	2.18	109	2.00	1.57		
Toluene*	<0.050	0.050	07/11/2017	ND	2.05	103	2.00	2.35		
Ethylbenzene*	<0.050	0.050	07/11/2017	ND	2.07	104	2.00	3.34		
Total Xylenes*	<0.150	0.150	07/11/2017	ND	6.12	102	6.00	3.39		
Total BTEX	<0.300	0.300	07/11/2017	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 99.8 % 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	<10.0	10.0	07/11/2017	ND	211	106	200	5.25		
DRO >C10-C28	<10.0	10.0	07/11/2017	ND	218	109	200	1.36		
EXT DRO >C28-C36	<10.0	10.0	07/11/2017	ND						

Surrogate: 1-Chlorooctane 88.7 % 28.3-164

Surrogate: 1-Chlorooctadecane 92.3 % 34.7-157

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*=Accredited Analyte

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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:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S3 - 1' (H701782-03)

BTEX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2017	ND	2.18	109	2.00	1.57		
Toluene*	0.064	0.050	07/11/2017	ND	2.05	103	2.00	2.35		
Ethylbenzene*	<0.050	0.050	07/11/2017	ND	2.07	104	2.00	3.34		
Total Xylenes*	<0.150	0.150	07/11/2017	ND	6.12	102	6.00	3.39		
Total BTEX	<0.300	0.300	07/11/2017	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 97.9 % 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	<10.0	10.0	07/11/2017	ND	211	106	200	5.25		
DRO >C10-C28	222	10.0	07/11/2017	ND	218	109	200	1.36		
EXT DRO >C28-C36	218	10.0	07/11/2017	ND						

Surrogate: 1-Chlorooctane 108 % 28.3-164

Surrogate: 1-Chlorooctadecane 140 % 34.7-157

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* = Accredited Analyte

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Analytical Results For:

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

Received:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S3 - 2' (H701782-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	<0.050	0.050	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	<0.050	0.050	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	<0.150	0.150	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEX	<0.300	0.300	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 100 % 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	<10.0	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	436	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	378	10.0	07/11/2017	ND					

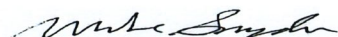
Surrogate: 1-Chlorooctane 85.1 % 28.3-164

Surrogate: 1-Chlorooctadecane 118 % 34.7-157

Cardinal Laboratories

*=Accredited Analyte

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



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:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 1' (H701782-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	<0.050	0.050	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	<0.050	0.050	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	5.12	0.150	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEX	5.12	0.300	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 84.2 % 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	440	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	1790	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	570	10.0	07/11/2017	ND					

Surrogate: 1-Chlorooctane 112 % 28.3-164

Surrogate: 1-Chlorooctadecane 119 % 34.7-157

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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:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 2' (H701782-06)

BTX 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	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	<0.050	0.050	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	<0.050	0.050	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	4.25	0.150	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTX	4.25	0.300	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 92.0 % 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	443	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	1230	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	394	10.0	07/11/2017	ND					

Surrogate: 1-Chlorooctane 121 % 28.3-164

Surrogate: 1-Chlorooctadecane 130 % 34.7-157

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 ARTESIA NM, 88210
 Fax To: (575) 748-4131

 Received: 07/10/2017
 Reported: 07/12/2017
 Project Name: SEVEN RIVERS COMPRESSOR STATION
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/05/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S2 - 3' (H701782-07)

BTEX 8021B		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	<0.050	0.050	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	<0.050	0.050	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	3.76	0.150	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEX	3.76	0.300	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 94.4 % 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	141	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	313	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	111	10.0	07/11/2017	ND					

Surrogate: 1-Chlorooctane 102 % 28.3-164

Surrogate: 1-Chlorooctadecane 105 % 34.7-157

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Received:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 4' (H701782-08)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	<0.050	0.050	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	<0.050	0.050	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	3.26	0.150	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEx	3.26	0.300	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 137 % 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	153	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	299	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	83.7	10.0	07/11/2017	ND					


Surrogate: 1-Chlorooctane 98.0 % 28.3-164

Surrogate: 1-Chlorooctadecane 107 % 34.7-157

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Received:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 5' (H701782-09)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	<0.050	0.050	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	<0.050	0.050	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	9.03	0.150	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEX	9.03	0.300	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 165 % 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	224	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	263	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	59.9	10.0	07/11/2017	ND					

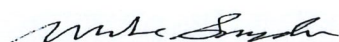
Surrogate: 1-Chlorooctane 98.2 % 28.3-164

Surrogate: 1-Chlorooctadecane 102 % 34.7-157

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Received:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 6' (H701782-10)

BTEX 8021B		mg/kg	Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.089	0.050	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	3.88	0.050	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	9.74	1.00	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	54.7	0.150	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEX	58.7	0.300	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 275 % 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	1070	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	909	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	177	10.0	07/11/2017	ND					

Surrogate: 1-Chlorooctane 129 % 28.3-164

Surrogate: 1-Chlorooctadecane 111 % 34.7-157

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 105 SOUTH 4TH STREET
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 Fax To: (575) 748-4131

Received:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 7' (H701782-11)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.140	0.050	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	4.84	0.050	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	11.1	0.050	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	97.6	0.150	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEX	114	0.300	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 128 % 72-148

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	2630	10.0	07/11/2017	ND	211	106	200	5.25		
DRO >C10-C28	1660	10.0	07/11/2017	ND	218	109	200	1.36		
EXT DRO >C28-C36	305	10.0	07/11/2017	ND						

Surrogate: 1-Chlorooctane 175 % 28.3-164

Surrogate: 1-Chlorooctadecane 123 % 34.7-157

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

Received:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 8' (H701782-12)

BTEX 8021B	mg/kg	Analyzed By: MS					S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.105	0.050	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	2.36	0.050	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	5.30	0.050	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	49.5	0.150	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEX	57.2	0.300	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 185 % 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	408	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	162	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	36.0	10.0	07/11/2017	ND					

Surrogate: 1-Chlorooctane 98.7 % 28.3-164

Surrogate: 1-Chlorooctadecane 99.3 % 34.7-157

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 ARTESIA NM, 88210
 Fax To: (575) 748-4131

Received:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 9' (H701782-13)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	<2.00	2.00	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	30.2	2.00	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	297	6.00	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEX	328	12.0	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 72-148

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3800	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	1790	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	306	10.0	07/11/2017	ND					

Surrogate: 1-Chlorooctane 180 % 28.3-164

Surrogate: 1-Chlorooctadecane 130 % 34.7-157

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Received:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 10' (H701782-14)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	<2.00	2.00	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	30.6	2.00	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	302	6.00	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTX	333	12.0	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 111 % 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	5130	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	2440	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	429	10.0	07/11/2017	ND					

Surrogate: 1-Chlorooctane 150 % 28.3-164

Surrogate: 1-Chlorooctadecane 135 % 34.7-157

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Analytical Results For:

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 ARTESIA NM, 88210
 Fax To: (575) 748-4131

Received:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 11' (H701782-15)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.00	1.00	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	<1.00	1.00	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	17.0	1.00	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	157	3.00	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTX	175	6.00	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 111 % 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	2100	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	668	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	152	10.0	07/11/2017	ND					

Surrogate: 1-Chlorooctane 132 % 28.3-164

Surrogate: 1-Chlorooctadecane 121 % 34.7-157

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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:	07/10/2017	Sampling Date:	07/05/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 13' (H701782-16)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	<5.00	5.00	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	60.9	5.00	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	581	15.0	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEX	642	30.0	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 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	7090	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	2280	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	553	10.0	07/11/2017	ND					

Surrogate: 1-Chlorooctane 153 % 28.3-164

Surrogate: 1-Chlorooctadecane 129 % 34.7-157

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 ARTESIA NM, 88210
 Fax To: (575) 748-4131

Received:	07/10/2017	Sampling Date:	07/07/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 15' (H701782-17)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.12	2.00	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	57.5	2.00	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	25.9	2.00	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	188	6.00	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEX	276	12.0	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 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	4250	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	378	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	231	10.0	07/11/2017	ND					

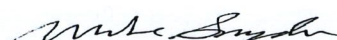
Surrogate: 1-Chlorooctane 134 % 28.3-164

Surrogate: 1-Chlorooctadecane 106 % 34.7-157

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 ARTESIA NM, 88210
 Fax To: (575) 748-4131

Received:	07/10/2017	Sampling Date:	07/07/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 16' (H701782-18)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	6.22	2.00	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	76.2	2.00	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	23.1	2.00	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	170	6.00	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEX	276	12.0	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 106 % 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	3800	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	477	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	162	10.0	07/11/2017	ND					

Surrogate: 1-Chlorooctane 123 % 28.3-164

Surrogate: 1-Chlorooctadecane 98.7 % 34.7-157

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Received:	07/10/2017	Sampling Date:	07/07/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 17' (H701782-19)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.89	1.00	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	25.9	1.00	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	15.5	1.00	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	128	3.00	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEX	173	6.00	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 107 % 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	2390	10.0	07/11/2017	ND	211	106	200	5.25	
DRO >C10-C28	591	10.0	07/11/2017	ND	218	109	200	1.36	
EXT DRO >C28-C36	198	10.0	07/11/2017	ND					

Surrogate: 1-Chlorooctane 135 % 28.3-164

Surrogate: 1-Chlorooctadecane 117 % 34.7-157

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Analytical Results For:

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

Received:	07/10/2017	Sampling Date:	07/07/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 18' (H701782-20)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.914	0.500	07/11/2017	ND	2.18	109	2.00	1.57	
Toluene*	5.50	0.500	07/11/2017	ND	2.05	103	2.00	2.35	
Ethylbenzene*	5.51	0.500	07/11/2017	ND	2.07	104	2.00	3.34	
Total Xylenes*	49.6	1.50	07/11/2017	ND	6.12	102	6.00	3.39	
Total BTEX	61.6	3.00	07/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 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	1200	10.0	07/11/2017	ND	211	106	200	5.25		
DRO >C10-C28	279	10.0	07/11/2017	ND	218	109	200	1.36		
EXT DRO >C28-C36	91.6	10.0	07/11/2017	ND						

Surrogate: 1-Chlorooctane 120 % 28.3-164

Surrogate: 1-Chlorooctadecane 112 % 34.7-157

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

 Received: 07/10/2017
 Reported: 07/12/2017
 Project Name: SEVEN RIVERS COMPRESSOR STATION
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/07/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S2 - 19' (H701782-21)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	6.50	1.00	07/12/2017	ND	2.24	112	2.00	1.38	
Toluene*	22.8	1.00	07/12/2017	ND	2.09	105	2.00	2.43	
Ethylbenzene*	15.1	1.00	07/12/2017	ND	2.19	110	2.00	1.92	
Total Xylenes*	128	3.00	07/12/2017	ND	6.50	108	6.00	2.22	
Total BTEX	172	6.00	07/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PII) 106 % 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	1770	10.0	07/11/2017	ND	223	112	200	3.41	
DRO >C10-C28	459	10.0	07/11/2017	ND	222	111	200	0.319	
EXT DRO >C28-C36	87.7	10.0	07/11/2017	ND					


Surrogate: 1-Chlorooctane 116 % 28.3-164

Surrogate: 1-Chlorooctadecane 98.1 % 34.7-157

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 ARTESIA NM, 88210
 Fax To: (575) 748-4131

Received:	07/10/2017	Sampling Date:	07/07/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 20' (H701782-22)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	10.9	2.00	07/12/2017	ND	2.24	112	2.00	1.38	
Toluene*	53.1	2.00	07/12/2017	ND	2.09	105	2.00	2.43	
Ethylbenzene*	26.0	2.00	07/12/2017	ND	2.19	110	2.00	1.92	
Total Xylenes*	227	6.00	07/12/2017	ND	6.50	108	6.00	2.22	
Total BTEX	317	12.0	07/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 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	3360	10.0	07/11/2017	ND	223	112	200	3.41	
DRO >C10-C28	774	10.0	07/11/2017	ND	222	111	200	0.319	
EXT DRO >C28-C36	189	10.0	07/11/2017	ND					

Surrogate: 1-Chlorooctane 143 % 28.3-164

Surrogate: 1-Chlorooctadecane 102 % 34.7-157

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Analytical Results For:

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

Received:	07/10/2017	Sampling Date:	07/07/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 21' (H701782-23)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	18.3	5.00	07/12/2017	ND	2.24	112	2.00	1.38	
Toluene*	99.1	5.00	07/12/2017	ND	2.09	105	2.00	2.43	
Ethylbenzene*	35.2	5.00	07/12/2017	ND	2.19	110	2.00	1.92	
Total Xylenes*	305	15.0	07/12/2017	ND	6.50	108	6.00	2.22	
Total BTEX	457	30.0	07/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 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	7530	10.0	07/11/2017	ND	223	112	200	3.41	
DRO >C10-C28	1720	10.0	07/11/2017	ND	222	111	200	0.319	
EXT DRO >C28-C36	423	10.0	07/11/2017	ND					

Surrogate: 1-Chlorooctane 139 % 28.3-164

Surrogate: 1-Chlorooctadecane 113 % 34.7-157

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 ARTESIA NM, 88210
 Fax To: (575) 748-4131

Received:	07/10/2017	Sampling Date:	07/07/2017
Reported:	07/12/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: S2 - 23' (H701782-24)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	25.6	5.00	07/12/2017	ND	2.24	112	2.00	1.38	
Toluene*	129	5.00	07/12/2017	ND	2.09	105	2.00	2.43	
Ethylbenzene*	41.1	5.00	07/12/2017	ND	2.19	110	2.00	1.92	
Total Xylenes*	352	15.0	07/12/2017	ND	6.50	108	6.00	2.22	
Total BTX	548	30.0	07/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 72-148

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	11300	50.0	07/11/2017	ND	223	112	200	3.41		
DRO >C10-C28	2590	50.0	07/11/2017	ND	222	111	200	0.319		
EXT DRO >C28-C36	603	50.0	07/11/2017	ND						

Surrogate: 1-Chlorooctane 242 % 28.3-164

Surrogate: 1-Chlorooctadecane 144 % 34.7-157

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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 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



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

Sampler Signature:

e-mail: Chase.Settle@eoqresources.com

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

PO #: 205-0750

Project Name: Seven Rivers Compressor Station

Project #:

Project Loc: Seven Rivers Compressor Station

LAB # (lab use only)		FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 8015B EXT	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	SAR	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT	
101-188	S1-1'				7/5/2017	8:59 AM		1	X								S	X														X	
	S1-2'				7/5/2017	9:01 AM		1	X								S	X														X	
	S3-1'				7/5/2017	9:24 AM		1	X								S	X														X	
	S3-2'				7/5/2017	9:26 AM		1	X								S	X														X	
	S2-1'				7/5/2017	9:07 AM		1	X								S	X														X	
	S2-2'				7/5/2017	9:09 AM		1	X								S	X														X	
	S2-3'				7/5/2017	9:10 AM		1	X								S	X														X	
	S2-4'				7/5/2017	9:12 AM		1	X								S	X														X	
	S2-5'				7/5/2017	9:15 AM		1	X								S	X														X	
	S2-6'				7/5/2017	9:18 AM		1	X								S	X														X	

Relinquished by:

Relinquished by:

Relinquished by:

Date: 7/10/17 Time: 5:05

Date: 7/10/17 Time: 5:06

Received by:

Received by:

Received by ELOT:

Temperature Upon Receipt: 76 °C

Laboratory Comments:

Sample Containers Intact? Y

VOCs Free of Headspace? Y

Labels on containers(s) Y

Custody seals on container(s) Y

Custody seals on cooler(s) Y

Sample Hand Delivered by Sampler/Client Rep. ? Y

by Courier? UPS DHL FedEx Lone Star



ARDINAL LABORATORIES
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(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

Sampler Signature: _____

Fax No: _____

e-mail: _____

Chase Settle@eogresources.com

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

PO #: 205-0750

Project Name:

Seven Rivers Compressor Station

Project #:

Project Loc:

Seven Rivers Compressor Station

AB # (lab use only)		FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix	Analyze For:																	
									Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 8015B EXT	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B 5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	SAR	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT		
11	S2-7'				7/5/2017	9:21 AM		1	X									S	X														X	
12	S2-8'				7/5/2017	9:31 AM		1	X									S	X														X	
13	S2-9'				7/5/2017	9:34 AM		1	X									S	X														X	
14	S2-10'				7/5/2017	9:37 AM		1	X									S	X														X	
15	S2-11'				7/5/2017	9:40 AM		1	X									S	X														X	
16	S2-13'				7/5/2017	9:45 AM		1	X									S	X														X	
17	S2-15'				7/7/2017	11:51 AM		1	X									S	X														X	
18	S2-16'				7/7/2017	11:55 AM		1	X									S	X														X	
19	S2-17'				7/7/2017	12:02 PM		1	X									S	X														X	
20	S2-18'				7/7/2017	12:06 PM		1	X									S	X														X	
Special Instructions:																																		
Relinquished by: _____ Date _____ Time _____ Received by: <i>Lawrence Delatorre</i> Date <i>7/10/17</i> Time <i>5:07</i>																																		
Relinquished by: _____ Date _____ Time _____ Received by: _____ Date _____ Time _____																																		
Relinquished by: _____ Date _____ Time _____ Received by: _____ Date _____ Time _____																																		
Temperature Upon Receipt: _____ °C																																		



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

Sampler Signature: _____

e-mail: _____

Chase Settle@eoqresources.com

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Project Name: Seven Rivers Compressor Station

Project #:

Project Loc: Seven Rivers Compressor Station

PO #: 205-0750

AB # (lab use only)		FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix	Analyze For:																	
									Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 8015B EXT	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	SAR	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT		
21	S2-19'				7/7/2017	12:11 PM		1	X									S	X														X	
22	S2-20'				7/7/2017	12:14 PM		1	X									S	X														X	
23	S2-21'				7/7/2017	12:17 PM		1	X									S	X														X	
24	S2-23'				7/7/2017	12:22 PM		1	X									S	X														X	
Special Instructions:																																		
Relinquished by:	Date	Time	Received by:	Date	Time																													
Relinquished by:	Date	Time	Received by:	Date	Time																													
Relinquished by:	Date	Time	Received by:	Date	Time																													

Laboratory Comments:
Sample Containers Intact? Y
VOCs Free of Headspace? Y
Labels on containers? Y
Custody seals on cooler(s)? Y
Custody seals on cooler(s)? Y
Sample Hand Delivered by Sampler/Client Rep.? Y
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: 72.95 °F



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

August 15, 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 08/11/17 13:00.

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

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	08/11/2017	Sampling Date:	08/10/2017
Reported:	08/15/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: C - 25' (H702119-01)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	6.84	1.00	08/12/2017	ND	1.93	96.5	2.00	1.55	QM-07
Toluene*	42.0	1.00	08/12/2017	ND	1.79	89.6	2.00	1.80	QM-07
Ethylbenzene*	16.1	1.00	08/12/2017	ND	1.87	93.7	2.00	2.22	QM-07
Total Xylenes*	134	3.00	08/12/2017	ND	5.56	92.7	6.00	2.32	QM-07
Total BTX	199	6.00	08/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 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	2560	10.0	08/12/2017	ND	218	109	200	9.71	
DRO >C10-C28	832	10.0	08/12/2017	ND	234	117	200	11.9	
EXT DRO >C28-C36	169	10.0	08/12/2017	ND					


Surrogate: 1-Chlorooctane 132 % 28.3-164

Surrogate: 1-Chlorooctadecane 99.7 % 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:	08/11/2017	Sampling Date:	08/10/2017
Reported:	08/15/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: C - 30' (H702119-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.10	0.500	08/12/2017	ND	1.93	96.5	2.00	1.55	
Toluene*	11.7	0.500	08/12/2017	ND	1.79	89.6	2.00	1.80	
Ethylbenzene*	6.92	0.500	08/12/2017	ND	1.87	93.7	2.00	2.22	
Total Xylenes*	62.5	1.50	08/12/2017	ND	5.56	92.7	6.00	2.32	
Total BTEX	82.2	3.00	08/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 113 % 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	826	10.0	08/12/2017	ND	218	109	200	9.71	
DRO >C10-C28	926	10.0	08/12/2017	ND	234	117	200	11.9	
EXT DRO >C28-C36	236	10.0	08/12/2017	ND					

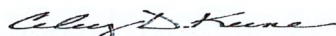
Surrogate: 1-Chlorooctane 126 % 28.3-164

Surrogate: 1-Chlorooctadecane 101 % 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:	08/11/2017	Sampling Date:	08/10/2017
Reported:	08/15/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: C - 35' (H702119-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.49	0.500	08/12/2017	ND	1.93	96.5	2.00	1.55	
Toluene*	18.5	0.500	08/12/2017	ND	1.79	89.6	2.00	1.80	
Ethylbenzene*	8.62	0.500	08/12/2017	ND	1.87	93.7	2.00	2.22	
Total Xylenes*	99.7	1.50	08/12/2017	ND	5.56	92.7	6.00	2.32	
Total BTEX	128	3.00	08/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 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	1980	10.0	08/12/2017	ND	218	109	200	9.71	
DRO >C10-C28	616	10.0	08/12/2017	ND	234	117	200	11.9	
EXT DRO >C28-C36	162	10.0	08/12/2017	ND					

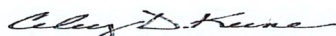
Surrogate: 1-Chlorooctane 141 % 28.3-164

Surrogate: 1-Chlorooctadecane 107 % 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:	08/11/2017	Sampling Date:	08/10/2017
Reported:	08/15/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: C - 40' (H702119-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.310	0.100	08/12/2017	ND	1.93	96.5	2.00	1.55	
Toluene*	4.13	0.100	08/12/2017	ND	1.79	89.6	2.00	1.80	
Ethylbenzene*	2.65	0.100	08/12/2017	ND	1.87	93.7	2.00	2.22	
Total Xylenes*	26.7	0.300	08/12/2017	ND	5.56	92.7	6.00	2.32	
Total BTEx	33.8	0.600	08/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 126 % 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	281	10.0	08/12/2017	ND	218	109	200	9.71	
DRO >C10-C28	422	10.0	08/12/2017	ND	234	117	200	11.9	
EXT DRO >C28-C36	123	10.0	08/12/2017	ND					

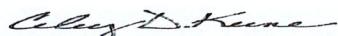
Surrogate: 1-Chlorooctane 106 % 28.3-164

Surrogate: 1-Chlorooctadecane 93.8 % 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:	08/11/2017	Sampling Date:	08/10/2017
Reported:	08/15/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: C - 45' (H702119-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.052	0.050	08/12/2017	ND	1.93	96.5	2.00	1.55	
Toluene*	<0.050	0.050	08/12/2017	ND	1.79	89.6	2.00	1.80	
Ethylbenzene*	<0.050	0.050	08/12/2017	ND	1.87	93.7	2.00	2.22	
Total Xylenes*	<0.150	0.150	08/12/2017	ND	5.56	92.7	6.00	2.32	
Total BTEX	<0.300	0.300	08/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 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	<10.0	10.0	08/12/2017	ND	218	109	200	9.71	
DRO >C10-C28	<10.0	10.0	08/12/2017	ND	234	117	200	11.9	
EXT DRO >C28-C36	12.9	10.0	08/12/2017	ND					

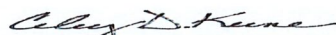
Surrogate: 1-Chlorooctane 86.1 % 28.3-164

Surrogate: 1-Chlorooctadecane 87.3 % 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:	08/11/2017	Sampling Date:	08/10/2017
Reported:	08/15/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: C - 50' (H702119-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.148	0.050	08/12/2017	ND	1.93	96.5	2.00	1.55	
Toluene*	0.963	0.050	08/12/2017	ND	1.79	89.6	2.00	1.80	
Ethylbenzene*	0.606	0.050	08/12/2017	ND	1.87	93.7	2.00	2.22	
Total Xylenes*	4.98	0.150	08/12/2017	ND	5.56	92.7	6.00	2.32	
Total BTEX	6.70	0.300	08/12/2017	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
GRO C6-C10	25.9	10.0	08/12/2017	ND	218	109	200	9.71	
DRO >C10-C28	50.8	10.0	08/12/2017	ND	234	117	200	11.9	
EXT DRO >C28-C36	17.3	10.0	08/12/2017	ND					

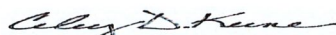
Surrogate: 1-Chlorooctane 94.4 % 28.3-164

Surrogate: 1-Chlorooctadecane 98.5 % 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:	08/11/2017	Sampling Date:	08/10/2017
Reported:	08/15/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: C - 60' (H702119-08)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.093	0.050	08/12/2017	ND	1.93	96.5	2.00	1.55	
Toluene*	0.778	0.050	08/12/2017	ND	1.79	89.6	2.00	1.80	
Ethylbenzene*	0.540	0.050	08/12/2017	ND	1.87	93.7	2.00	2.22	
Total Xylenes*	5.87	0.150	08/12/2017	ND	5.56	92.7	6.00	2.32	
Total BTEX	7.28	0.300	08/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 115 % 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	70.1	10.0	08/12/2017	ND	218	109	200	9.71	
DRO >C10-C28	293	10.0	08/12/2017	ND	234	117	200	11.9	
EXT DRO >C28-C36	109	10.0	08/12/2017	ND					

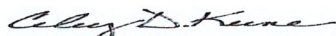
Surrogate: 1-Chlorooctane 90.0 % 28.3-164

Surrogate: 1-Chlorooctadecane 85.9 % 34.7-157

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Analytical Results For:

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

Received:	08/11/2017	Sampling Date:	08/10/2017
Reported:	08/15/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: C - 65' (H702119-09)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.093	0.050	08/12/2017	ND	1.93	96.5	2.00	1.55	
Toluene*	0.069	0.050	08/12/2017	ND	1.79	89.6	2.00	1.80	
Ethylbenzene*	0.060	0.050	08/12/2017	ND	1.87	93.7	2.00	2.22	
Total Xylenes*	0.474	0.150	08/12/2017	ND	5.56	92.7	6.00	2.32	
Total BTX	0.696	0.300	08/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 106 % 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	<10.0	10.0	08/12/2017	ND	218	109	200	9.71	
DRO >C10-C28	15.2	10.0	08/12/2017	ND	234	117	200	11.9	
EXT DRO >C28-C36	11.0	10.0	08/12/2017	ND					

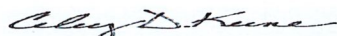
Surrogate: 1-Chlorooctane 90.0 % 28.3-164

Surrogate: 1-Chlorooctadecane 89.0 % 34.7-157

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Analytical Results For:

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

Received:	08/11/2017	Sampling Date:	08/10/2017
Reported:	08/15/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: C - 70' (H702119-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2017	ND	1.93	96.5	2.00	1.55	
Toluene*	0.058	0.050	08/12/2017	ND	1.79	89.6	2.00	1.80	
Ethylbenzene*	0.078	0.050	08/12/2017	ND	1.87	93.7	2.00	2.22	
Total Xylenes*	0.540	0.150	08/12/2017	ND	5.56	92.7	6.00	2.32	
Total BTEX	0.676	0.300	08/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 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	<10.0	10.0	08/12/2017	ND	218	109	200	9.71	
DRO >C10-C28	45.2	10.0	08/12/2017	ND	234	117	200	11.9	
EXT DRO >C28-C36	13.0	10.0	08/12/2017	ND					

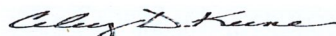
Surrogate: 1-Chlorooctane 94.6 % 28.3-164

Surrogate: 1-Chlorooctadecane 103 % 34.7-157

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Analytical Results For:

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

Received:	08/11/2017	Sampling Date:	08/10/2017
Reported:	08/15/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: C - 75' (H702119-11)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2017	ND	1.93	96.5	2.00	1.55	
Toluene*	<0.050	0.050	08/12/2017	ND	1.79	89.6	2.00	1.80	
Ethylbenzene*	<0.050	0.050	08/12/2017	ND	1.87	93.7	2.00	2.22	
Total Xylenes*	<0.150	0.150	08/12/2017	ND	5.56	92.7	6.00	2.32	
Total BTEX	<0.300	0.300	08/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 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	<10.0	10.0	08/12/2017	ND	218	109	200	9.71	
DRO >C10-C28	26.8	10.0	08/12/2017	ND	234	117	200	11.9	
EXT DRO >C28-C36	<10.0	10.0	08/12/2017	ND					

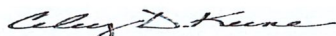
Surrogate: 1-Chlorooctane 96.8 % 28.3-164

Surrogate: 1-Chlorooctadecane 93.5 % 34.7-157

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Analytical Results For:

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

Received:	08/11/2017	Sampling Date:	08/10/2017
Reported:	08/15/2017	Sampling Type:	Soil
Project Name:	SEVEN RIVERS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: C - 80' (H702119-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2017	ND	1.93	96.5	2.00	1.55	
Toluene*	<0.050	0.050	08/12/2017	ND	1.79	89.6	2.00	1.80	
Ethylbenzene*	<0.050	0.050	08/12/2017	ND	1.87	93.7	2.00	2.22	
Total Xylenes*	0.220	0.150	08/12/2017	ND	5.56	92.7	6.00	2.32	
Total BTEX	<0.300	0.300	08/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 101 % 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	<10.0	10.0	08/12/2017	ND	218	109	200	9.71	
DRO >C10-C28	92.3	10.0	08/12/2017	ND	234	117	200	11.9	
EXT DRO >C28-C36	33.9	10.0	08/12/2017	ND					


Surrogate: 1-Chlorooctane 86.0 % 28.3-164

Surrogate: 1-Chlorooctadecane 88.6 % 34.7-157

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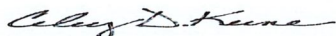
Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Chase Settle

Company Name: EOG Y Resources Inc.

Company Address: 105 South 4th Street

City/State/Zip: Artesia, NM 88210

Telephone No: 575-748-4171

Sample Signature:

e-mail: Chase.Settle@eoqresources.com

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Project Name: Seven Rivers Compressor Station

Project #:

Project Loc: Seven Rivers Compressor Station

PO #: 205-0750

ORDER #: H702119

LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix	Analyze For:																		
										Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	TPH: 8015B EXT	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	SAR	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT	
1	C-25'					8/10/2017	7:22 PM		1	X									S			X													X	
2	C-30'					8/10/2017	7:35 PM		1	X									S			X													X	
3	C-35'					8/10/2017	8:05 PM		1	X									S			X													X	
4	C-40'					8/10/2017	8:17 PM		1	X									S			X													X	
5	C-45'					8/10/2017	8:34 PM		1	X									S			X													X	
6	C-50'					8/10/2017	9:01 PM		1	X									S			X													X	
7	C-55'					8/10/2017	9:40 PM		1	X									S			X													X	
8	C-60'					8/10/2017	9:50 PM		1	X									S			X													X	
9	C-65'					8/10/2017	10:05 PM		1	X									S			X													X	
10	C-70'					8/10/2017	10:16 PM		1	X									S			X													X	
Special Instructions: TPH Extended Report																																				
*Cancelled as per client 8/15/17																																				
Relinquished by:		Date	Time	Received by:	Date	Time																								Date	Time					
		8-11-17	1:00		8/11/17	1:00																								8/11/17	1:00					
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Appendix C

Form C-141 Initial

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-141
Revised August 8, 2011

FEB 23 2016

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

RECEIVED

PAB1605634968 Release Notification and Corrective Action

PAB1605635112

OPERATOR

X Initial Report

Final Report

Name of Company	Agave Energy Company	Contact	Kerry Egan
Address	326 West Quay Artesia, NM 88210	Telephone No.	575 513-8988
Facility Name:	Seven Rivers Compressor Station	Facility Type:	Compressor Station

Surface Owner:	Mineral Owner:	API No.
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LOCATION OF RELEASE

Unit Letter	Section 25	Township 19S	Range 24E	Feet from the	North/South Line	Feet from the	East/West Line	County EDDY
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Latitude 32.636136 Longitude -104.549427

NATURE OF RELEASE

Type of Release: Pipeline liquids	Volume of Release: Unknown (historic leak)	Volume Recovered: N/A
Source of Release: Pipeline liquids,	Date and Hour of Occurrence: Unknown (historic leak)	Date and Hour of Discovery: 2/16/16
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Two fiberglass tanks located on the north side of the compressor station, placed in a dirt containment, were used to collect pipeline liquids from PVC water and gas lines in the area. Upon removal of the tanks there were no indications of soil contamination. After removal, signs of soil contamination began to appear where the tanks had been. All PVC gas lines in the area have been shut in and blown down.

Describe Area Affected and Cleanup Action Taken.*

The area with signs of contamination is only 15' by 15'. The containment, which has been removed, is approximately 30' by 50' in extent. This is believed at this point to be the worst case for contamination. Investigation is beginning to determine the total extent of contamination.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Kerry Egan</i>		OIL CONSERVATION DIVISION	
Printed Name: Kerry Egan		Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Eng Tech		Approval Date: 2/25/16	Expiration Date: N/A
E-mail Address: KEgan@agaveenergy.com		Conditions of Approval:	
Date: 2/23/16 Phone: 575 748-4555		Remediation per O.C.D. Rules & Guidelines SUBMIT REMEDIATION PROPOSAL NO LATER THAN: 3/24/16	
		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

2RP-355A