

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

October 23, 2017

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

Ro.

Compromise SWD Remediation Work Plan

30-015-25665

Section 30, T18S-R27E 1980' FNL & 880' FEL Eddy County, New Mexico

2RP-4208

Mr. Bratcher/Ms. Weaver,

EOG Y Resources, Inc. is submitting the enclosed remediation work plan for the above referenced site. The plan is being submitted subsequent to the C-141 report dated on May 15, 2017.

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 6, 2017.

If you have any questions, feel free to call me at (575) 748-4171.

Respectfully,

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



EOG Y Resources, Inc.

Compromise SWD

Remediation Work Plan

Section 30, T18S-R27E

Eddy County, New Mexico

October 23, 2017

2RP- 4208



| l. | Location | 1 |
|------|--------------------------|----|
| II. | Background | 1 |
| III. | Surface and Ground Water | 1 |
| IV. | NMOCD Ranking Criteria | 1, |
| V. | Soils | 1 |
| VI. | Scope of Work | 2 |

Tables:

Table 1: Soil Analytical Data

Figures:

Figure 1: Site Map

Figure 2: Site Map with Vertical Sample Points

Figure 3: Site Map with Background Sample Point

Photos

Appendices:

Appendix A: NMOSE Well Log Information

Appendix B: Soil Sample Laboratory Data

Appendix C: Form C-141 Initial



I. Location

From the intersection of US 285 and Dayton Road, follow Dayton Road east for 5.0 miles. Turn south for 1,250 feet, then west on the least road to the location.

II. Background

On May 15, 2017, EOG Y Resources, Inc. submitted to the NMOCD District II office a Form C-141 for the release of 129.5 B/PW and 0.5 B/O with 129.5 B/PW and 0.5 B/O recovered. The affected area is approximately 62 feet by 28 feet within a lined and concrete bottomed containment, with an additional area of 70 feet by 60 feet effected by overflow on the southeast corner of the location pad. There was a failure of a rubber connection line that connects the pump system to the flow line that caused the release to occur. Initial delineation samples were taken on May 8, 2017 prior to submission of the C-141 and sent to a NMOCD approved laboratory (May 12, 2017 and May 23, 2017 results enclosed). Based on the initial sample results, background samples were collected on September 19, 2017 and sent to a NMOCD approved laboratory (September 26, 2017 results enclosed).

III. Surface and Ground Water

Area surface geology is Paleozoic Permian. Based on information from the New Mexico Office of the State Engineer database regarding this location (Section 30, T18S-R27E) and monitor wells installed by Yates Petroleum Corporation at the injection well site, depth to groundwater is approximately 17 feet. This entire area is prone to flooding during rain events because it is located in the historical Kaiser Lake bed, and has been flooded numerous times when the Pecos River, which is approximately 1700 feet away, overflows the banks.

IV. NMOCD Ranking Criteria

The ranking for this site is twenty (20) based on the following:

Depth to ground water < 50'
Wellhead Protection Area > 1000'
Distance to surface water body > 1000'

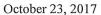
Based on the ranking criteria, the NMOCD established RRALs for this site are:

Benzene 10 ppm BTEX 50 ppm TPH 100 ppm

Chlorides No established RRAL

V. Soils

The area consists of soils that are loam based with thin seams of sand layers in some places before transitioning into clay layers.





VI. Scope of Work

Based on enclosed analytical results, background chloride levels, and a decrease in chlorides within the release area, EOG Y Resources, Inc. will excavate four (4) feet of impacted soil from the release area off of the concrete production foundation, hauling all excavated soil to a NMOCD approved facility for disposal. EOG Y Resources, Inc. will take sidewall samples at 1' bgs to confirm that all edges of the release area have been identified and excavated, then install a 20 ml synthetic liner and backfill the excavated area with four (4) feet of caliche. There will be no revegetative measures taken since the release occurred on the production pad of an active salt water disposal facility. The TPH & BTEX for the remaining soil are within the RRAL's for BTEX (50 ppm) and TPH (100 ppm) for the Total Ranking Score of twenty (20), no further analytical testing of TPH and/or BTEX will be conducted. When remediation work is completed a C-141 Final Report will be submitted to the NMOCD requesting closure of the site.



Table 1Soil Analytical Data



Soil Analytical Data

| Sample ID | Depth (ft. bgs) | Date | Benzene | Toluene | Ethylbenzene | Xylenes | BTEX | TPH (GRO) | TPH (DRO) | Total TPH | Chlorides |
|------------|--------------------|---------|---------|---------|--------------|---------|------|--------------|--------------|--------------|-----------|
| S1-1' | 1' | 5/8/17 | ND | ND | ND | ND | ND | ND | ND | ND | 6900 |
| S1-2' | 2' | 5/8/17 | ND | ND | ND | ND | ND | ND | ND | ND | 980 |
| S1-3' | 3' | 5/8/17 | ND | ND | ND | ND | ND | ND | ND | ND | 1500 |
| S1-4' | 4' | 5/8/17 | ND | ND | ND | ND . | ND | ND | ND | ND | 1100 |
| S1-6' | 6' | 5/8/17 | ND | ND | ND | ND | ND | ND | ND | ND | 1200 |
| S1-8' | 8' | 5/8/17 | | | | | 99 | | 10 | | 1400 |
| S1-10' | 10' | 5/8/17 | \ | | | | | | | | 1000 |
| S1-12' | 12' | 5/8/17 | | | | | | | | | 1200 |
| S1-14' | 14' | 5/8/17 | | | | , | | | | | 1800 |
| S2-1' | 1' | 5/8/17 | ND | ND | ND | ND | ND | ND | ND | ND | 3300 |
| S2-2' | 2' | 5/8/17 | ND | ND | ND | ND | ND | ND | ND | ND | 50 |
| S2-3' | 3' | 5/8/17 | ND | ND | ND | ND | ND | ND | ND | ND | 1100 |
| S2-4' | 4' | 5/8/17 | ND | ND | ND | ND | ND | ND | ND | ND | 1100 |
| S2-6' | 6' | 5/8/17 | ND | ND | ND | ND | ND | ND | ND | ND | 1000 |
| S2-8' | 8' | 5/8/17 | 1 | | | | | | | | 860 |
| S2-10' | 10' | 5/8/17 | | | | | | | | | 1000 |
| S2-12' | 12' | 5/8/17 | | | | | | | | | 1100 |
| S2-14' | 14' | 5/8/17 | | | | | | | | | 1600 |
| BKSE-1' | 1' | 9/19/17 | | | | | | | | | 80 |
| BKSE-3' | 3' | 9/19/17 | | | | | | 7 | | | 128 |
| BKSE-5' | 5' | 9/19/17 | | | × | | | | | | 384 |
| BKSE-7' | 7' | 9/19/17 | | * : , | | | | | | | 576 |
| BKSE-9' | 9' | 9/19/17 | | | | | | | | | 720 |
| BKSE-11' | 11' | 9/19/17 | | | | | | | | | 720 |
| BKSE-13' | 13' | 9/19/17 | | | | | | | - | | 1220 |
| BKSE-14.5' | 14.5' | 9/19/17 | | | | | | 1 | - | | 1120 |



Figure 1 Site Map

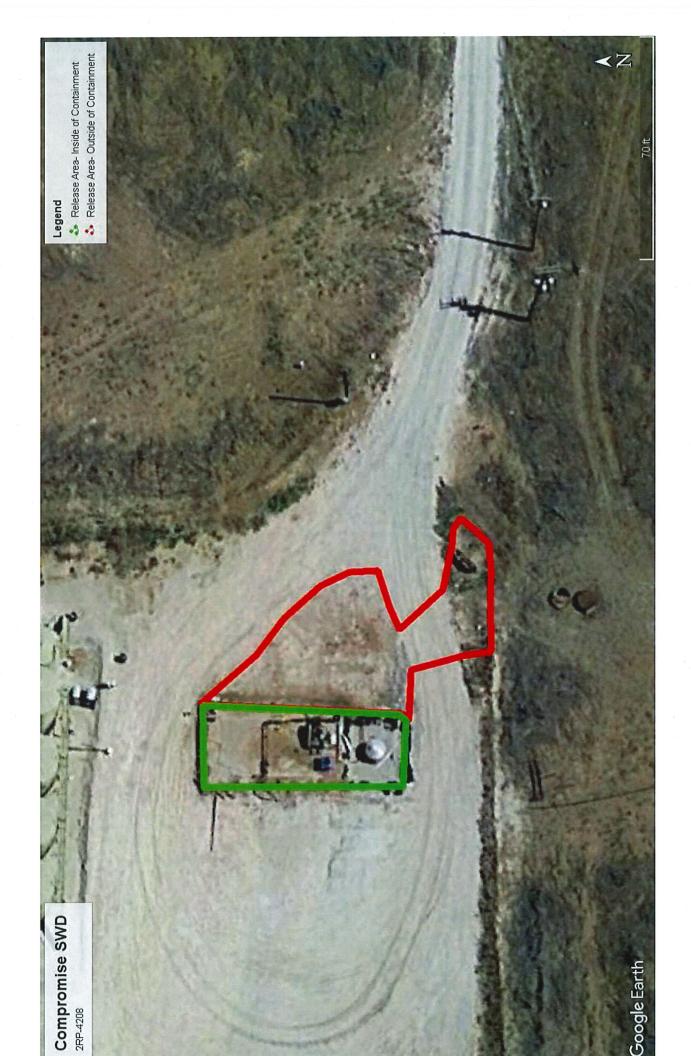




Figure 2 Vertical Sample Points

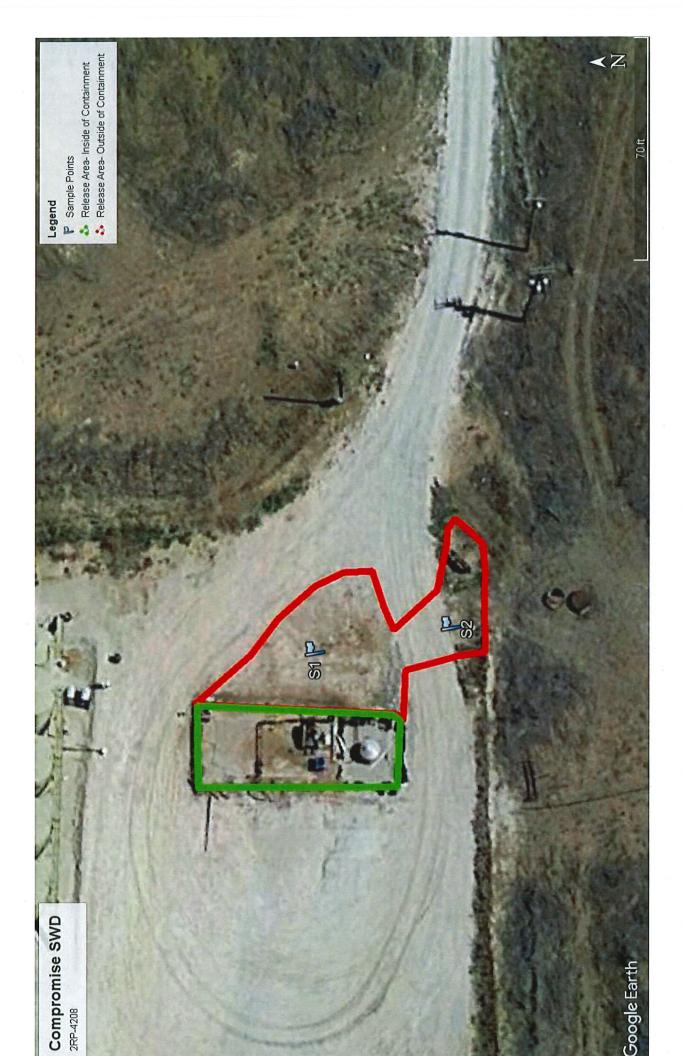


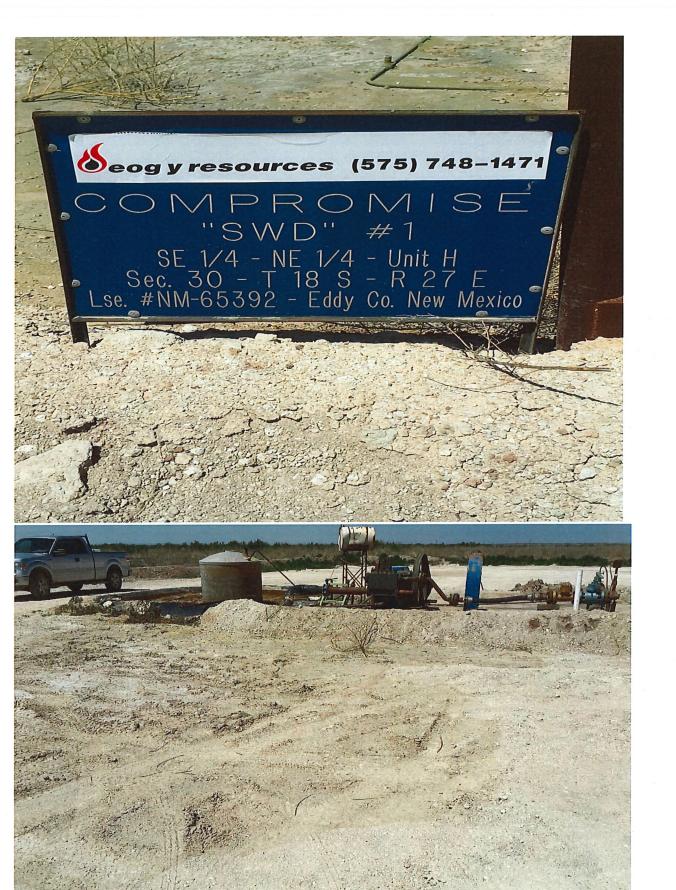


Figure 3 Background Sample Point





Photos









Appendix A NMOSE Well Log



New Mexico Office of the State Engineer Wells with Well Log Information

| (in feet) | th Depth | Well Water Driller | 25 13 HAMMER, RODNEY | 29 17 HAMMER, RODNEY | 25 18 HAMMER, RODNEY | |
|---|----------|----------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------|
| | | Date | 08/28/2015 | 07/22/2015 08/28/2015 | 07/22/2015 08/28/2015 | |
| | | - | 07/22/2015 | | 07/22/2015 | |
| | | Y Distance Start Date | 3620584 | 315 07/20/2015 | 317 07/20/2015 | |
| (NAD83 UTM in meters) | | ¥ | | 3620494 💨 | 3620428 | |
| (NAD83 | | × | 564352 | 564647 | 564502 | |
| (quarters are 1-NW 2-NE 3-SW 4-SE) (quarters are smallest to largest) | b b b | County Source 6416 4 Sec Tws Rng | ED Shailow 1 4 2 30 18S 27E | ED Shallow 4 4 2 30 18S 27E | ED Shallow 3 4 2 30 18S 27E | |
| (R=POD has been replaced O=orphaned, C=the file is closed) | POD | Code Subbasin | | | | 3 |
| (A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right | | POD Number | KA 12280 PO151 | RA 12280 POD3 | RA 12250 POD2 | Record Count: 3 |

License
Number
1186
1186
1186

UTMNAD83 Radius Search (in meters);

Northing (Y): 3620742.63 Easting (X): 564453.16 The data is lumished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warmanies, expressed or implied, concerning the accuracy, cempleteness, reliability, usability, or suitability for any particular purpose of the data.

WELLS WITH WELL LOG INFORMATION

Radius: 500



Appendix BSoil Sample Laboratory Data



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 12, 2017

Chase Settle
EOG Resources
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111

FAX

RE: Compromise SWD #1

OrderNo.: 1705527

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 10 sample(s) on 5/10/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1705527

Date Reported: 5/12/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Client Sample ID: S1-1'

Project:

Compromise SWD #1

Collection Date: 5/8/2017 8:45:00 AM

Lab ID:

1705527-001

Matrix: SOIL

Received Date: 5/10/2017 9:30:00 AM

| Analyses | Result | PQL Qu | al Units | DF Date Analyzed 1 | Batch |
|-------------------------------|--------------|----------|--------------|---------------------------|-------|
| EPA METHOD 300.0: ANIONS | | | " | Analyst: I | LGT |
| Chloride | 6900 | 300 | mg/Kg | 200 5/11/2017 12:15:53 PM | 31677 |
| EPA METHOD 8015M/D: DIESEL RA | NGE ORGANICS | S | | Analyst: - | TOM |
| Diesel Range Organics (DRO) | ND | 9.6 | mg/Kg | 1 5/10/2017 1:53:59 PM | 31659 |
| Surr: DNOP | 112 | 70-130 | %Rec | 1 5/10/2017 1:53:59 PM | 31659 |
| EPA METHOD 8015D: GASOLINE R | ANGE | | | Analyst: I | NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 5/11/2017 9:22:32 AM | 31671 |
| Surr: BFB | 99.4 | 54-150 | %Rec | 1 5/11/2017 9:22:32 AM | 31671 |
| EPA METHOD 8021B: VOLATILES | | | | Analyst: I | NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 5/11/2017 9:22:32 AM | 31671 |
| Toluene | ND | 0.049 | mg/Kg | 1 5/11/2017 9:22:32 AM | 31671 |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 5/11/2017 9:22:32 AM | 31671 |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 5/11/2017 9:22:32 AM | 31671 |
| Surr: 4-Bromofluorobenzene | 116 | 66.6-132 | %Rec | 1 5/11/2017 9:22:32 AM | 31671 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 14 J
- P Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Lab Order 1705527

Date Reported: 5/12/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Compromise SWD #1

Project: Lab ID:

1705527-002

Client Sample ID: S1-2'

Collection Date: 5/8/2017 8:49:00 AM

Received Date: 5/10/2017 9:30:00 AM

| Analyses | Result | PQL Qu | al Units | DF | Date Analyzed | Batch |
|----------------------------------|---------|----------|----------|----|----------------------|--------|
| EPA METHOD 300.0: ANIONS | | | | | Analys | t: LGT |
| Chloride | 980 | 30 | mg/Kg | 20 | 5/10/2017 5:13:25 PM | 31677 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANIC | S | | | Analys | t: TOM |
| Diesel Range Organics (DRO) | ND | 9.8 | mg/Kg | 1 | 5/10/2017 2:16:01 PM | 31659 |
| Surr: DNOP | 108 | 70-130 | %Rec | 1 | 5/10/2017 2:16:01 PM | 31659 |
| EPA METHOD 8015D: GASOLINE RANG | Ε | | | | Analys | t: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 5/11/2017 9:46:39 AM | 31671 |
| Surr: BFB | 97.8 | 54-150 | %Rec | 1 | 5/11/2017 9:46:39 AM | 31671 |
| EPA METHOD 8021B: VOLATILES | | | | | Analys | t: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 5/11/2017 9:46:39 AM | 31671 |
| Toluene | ND | 0.048 | mg/Kg | 1 | 5/11/2017 9:46:39 AM | 31671 |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 5/11/2017 9:46:39 AM | 31671 |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 5/11/2017 9:46:39 AM | 31671 |
| Surr: 4-Bromofluorobenzene | 113 | 66.6-132 | %Rec | 1 | 5/11/2017 9:46:39 AM | 31671 |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 14
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1705527

Date Reported: 5/12/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Client Sample ID: S1-3'

Project:

Compromise SWD #1

Collection Date: 5/8/2017 8:55:00 AM

Lab ID:

1705527-003

Matrix: SOIL

Received Date: 5/10/2017 9:30:00 AM

| Analyses | Result | PQL Qu | al Units | DF Date Analyzed Bate | ch |
|-------------------------------|--------------|----------|----------|------------------------------|----|
| EPA METHOD 300.0: ANIONS | | | | Analyst: LG1 | Т |
| Chloride | 1500 | 75 | mg/Kg | 50 5/11/2017 12:28:17 PM 316 | 77 |
| EPA METHOD 8015M/D: DIESEL RA | NGE ORGANICS | 3 | | Analyst: TO l | M |
| Diesel Range Organics (DRO) | ND | 9.7 | mg/Kg | 1 5/10/2017 2:38:08 PM 316 | 59 |
| Surr: DNOP | 110 | 70-130 | %Rec | 1 5/10/2017 2:38:08 PM 316 | 59 |
| EPA METHOD 8015D: GASOLINE R | ANGE | | | Analyst: NS | В |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 5/11/2017 10:10:36 AM 316 | 71 |
| Surr: BFB | 98.6 | 54-150 | %Rec | 1 5/11/2017 10:10:36 AM 316 | 71 |
| EPA METHOD 8021B: VOLATILES | | | | Analyst: NS | В |
| Benzene | ND | 0.024 | mg/Kg | 1 5/11/2017 10:10:36 AM 316 | 71 |
| Toluene | ND | 0.048 | mg/Kg | 1 5/11/2017 10:10:36 AM 3167 | 71 |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 5/11/2017 10:10:36 AM 3167 | 71 |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 5/11/2017 10:10:36 AM 3167 | 71 |
| Surr: 4-Bromofluorobenzene | 114 | 66.6-132 | %Rec | 1 5/11/2017 10:10:36 AM 3167 | 71 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 14
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1705527

Date Reported: 5/12/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Client Sample ID: S1-4'

Lab ID:

Project:

1705527-004

Compromise SWD #1

Matrix: SOIL

Collection Date: 5/8/2017 9:00:00 AM Received Date: 5/10/2017 9:30:00 AM

| Analyses | Result | PQL Qu | al Units | DF Date Analyzed | Batch |
|-------------------------------|---------------|----------|----------|-------------------------|----------------|
| EPA METHOD 300.0: ANIONS | | | | Analy | st: LGT |
| Chloride | 1100 | 75 | mg/Kg | 50 5/11/2017 12:40:42 P | M 31677 |
| EPA METHOD 8015M/D: DIESEL RA | ANGE ORGANICS | 3 | | Analys | st: TOM |
| Diesel Range Organics (DRO) | ND | 10 | mg/Kg | 1 5/10/2017 3:00:20 PM | 31659 |
| Surr: DNOP | 107 | 70-130 | %Rec | 1 5/10/2017 3:00:20 PM | 31659 |
| EPA METHOD 8015D: GASOLINE R | ANGE | | | Analys | st: NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 5/11/2017 10:34:36 A | M 31671 |
| Surr: BFB | 99.5 | 54-150 | %Rec | 1 5/11/2017 10:34:36 A | M 31671 |
| EPA METHOD 8021B: VOLATILES | | | | Analys | st: NSB |
| Benzene | ND | 0.023 | mg/Kg | 1 5/11/2017 10:34:36 A | M 31671 |
| Toluene | ND | 0.047 | mg/Kg | 1 5/11/2017 10:34:36 A | M 31671 |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 5/11/2017 10:34:36 A | M 31671 |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 5/11/2017 10:34:36 A | M 31671 |
| Surr: 4-Bromofluorobenzene | 115 | 66.6-132 | %Rec | 1 5/11/2017 10:34:36 A | M 31671 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 4 of 14 J
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Lab Order 1705527

Date Reported: 5/12/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Client Sample ID: S1-6'

Project:

Compromise SWD #1

Collection Date: 5/8/2017 9:05:00 AM

Lab ID:

1705527-005

Matrix: SOIL

Received Date: 5/10/2017 9:30:00 AM

| Analyses | Result | PQL Qu | al Units | DF | Date Analyzed | Batch |
|--------------------------------|------------|----------|----------|----|----------------------|----------------|
| EPA METHOD 300.0: ANIONS | | | | | Analy | st: LGT |
| Chloride | 1200 | 30 | mg/Kg | 20 | 5/10/2017 5:50:39 PM | 1 31677 |
| EPA METHOD 8015M/D: DIESEL RAM | GE ORGANIC | S | | | Analy | st: TOM |
| Diesel Range Organics (DRO) | ND | 9.9 | mg/Kg | 1 | 5/10/2017 3:22:20 PM | 1 31659 |
| Surr: DNOP | 107 | 70-130 | %Rec | 1 | 5/10/2017 3:22:20 PM | 1 31659 |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analy | st: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 5/11/2017 10:58:28 A | M 31671 |
| Surr: BFB | 100 | 54-150 | %Rec | 1 | 5/11/2017 10:58:28 A | M 31671 |
| EPA METHOD 8021B: VOLATILES | | | | | Analy | st: NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 5/11/2017 10:58:28 A | M 31671 |
| Toluene | ND | 0.050 | mg/Kg | 1 | 5/11/2017 10:58:28 A | M 31671 |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 5/11/2017 10:58:28 A | M 31671 |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 5/11/2017 10:58:28 A | M 31671 |
| Surr: 4-Bromofluorobenzene | 116 | 66.6-132 | %Rec | 1 | 5/11/2017 10:58:28 A | M 31671 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 5 of 14
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1705527

Date Reported: 5/12/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Client Sample ID: S2-1'

Project: Compromise SWD #1

Collection Date: 5/8/2017 11:46:00 AM

Lab ID: 170

1705527-006

Matrix: SOIL

Received Date: 5/10/2017 9:30:00 AM

| Analyses | Result | PQL Qu | al Units | DF Date Analyzed Batch |
|-------------------------------|-------------|----------|----------|---------------------------------|
| EPA METHOD 300.0: ANIONS | | | | Analyst: LGT |
| Chloride | 3300 | 150 | mg/Kg | 100 5/11/2017 12:53:07 PM 31677 |
| EPA METHOD 8015M/D: DIESEL RA | NGE ORGANIC | S | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 9.4 | mg/Kg | 1 5/10/2017 3:44:38 PM 31659 |
| Surr: DNOP | 107 | 70-130 | %Rec | 1 5/10/2017 3:44:38 PM 31659 |
| EPA METHOD 8015D: GASOLINE R | ANGE | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 5/11/2017 9:31:58 AM 31671 |
| Surr: BFB | 95.7 | 54-150 | %Rec | 1 5/11/2017 9:31:58 AM 31671 |
| EPA METHOD 8021B: VOLATILES | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 5/11/2017 9:31:58 AM 31671 |
| Toluene | ND | 0.047 | mg/Kg | 1 5/11/2017 9:31:58 AM 31671 |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 5/11/2017 9:31:58 AM 31671 |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 5/11/2017 9:31:58 AM 31671 |
| Surr: 4-Bromofluorobenzene | 102 | 66.6-132 | %Rec | 1 5/11/2017 9:31:58 AM 31671 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 6 of 14
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1705527

Date Reported: 5/12/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Client Sample ID: S2-2'

Project:

Compromise SWD #1

Collection Date: 5/8/2017 11:50:00 AM

Lab ID: 1705527-007

Matrix: SOIL

Received Date: 5/10/2017 9:30:00 AM

| Analyses | Result | PQL Qu | al Units | DF | Date Analyzed | Batch |
|--------------------------------|------------|----------|----------|----|----------------------|--------|
| EPA METHOD 300.0: ANIONS | | | | | Analys | t: LGT |
| Chloride | 50 | 30 | mg/Kg | 20 | 5/10/2017 6:40:17 PM | 31677 |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANIC | S | | | Analys | t: TOM |
| Diesel Range Organics (DRO) | ND | 9.9 | mg/Kg | 1 | 5/10/2017 1:54:18 PM | 31659 |
| Surr: DNOP | 89.8 | 70-130 | %Rec | 1 | 5/10/2017 1:54:18 PM | 31659 |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analys | t: NSB |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 5/11/2017 9:55:39 AM | 31671 |
| Surr: BFB | 97.3 | 54-150 | %Rec | 1 | 5/11/2017 9:55:39 AM | 31671 |
| EPA METHOD 8021B: VOLATILES | | | | | Analys | t: NSB |
| Benzene | ND | 0.023 | mg/Kg | 1 | 5/11/2017 9:55:39 AM | 31671 |
| Toluene | ND | 0.046 | mg/Kg | 1 | 5/11/2017 9:55:39 AM | 31671 |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 5/11/2017 9:55:39 AM | 31671 |
| Xylenes, Total | ND | 0.092 | mg/Kg | 1 | 5/11/2017 9:55:39 AM | 31671 |
| Surr: 4-Bromofluorobenzene | 102 | 66.6-132 | %Rec | 1 | 5/11/2017 9:55:39 AM | 31671 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 7 of 14
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1705527

Date Reported: 5/12/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Client Sample ID: S2-3'

Project:

Compromise SWD #1

Collection Date: 5/8/2017 11:55:00 AM

Lab ID:

1705527-008

Matrix: SOIL

Received Date: 5/10/2017 9:30:00 AM

| Analyses | Result | PQL Qu | al Units | DF Date Analyzed Bat | ch |
|--------------------------------|------------|----------|----------|-----------------------------|----|
| EPA METHOD 300.0: ANIONS | | | | Analyst: LG | Т |
| Chloride | 1100 | 75 | mg/Kg | 50 5/11/2017 1:05:32 PM 316 | 77 |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANIC | S | | Analyst: TOI | M |
| Diesel Range Organics (DRO) | ND | 9.9 | mg/Kg | 1 5/10/2017 2:21:59 PM 316 | 59 |
| Surr: DNOP | 89.2 | 70-130 | %Rec | 1 5/10/2017 2:21:59 PM 316 | 59 |
| EPA METHOD 8015D: GASOLINE RAN | IGE | | | Analyst: NSI | В |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 5/11/2017 10:19:13 AM 316 | 71 |
| Surr: BFB | 98.0 | 54-150 | %Rec | 1 5/11/2017 10:19:13 AM 316 | 71 |
| EPA METHOD 8021B: VOLATILES | | | | Analyst: NSI | В |
| Benzene | ND | 0.023 | mg/Kg | 1 5/11/2017 10:19:13 AM 316 | 71 |
| Toluene | ND | 0.047 | mg/Kg | 1 5/11/2017 10:19:13 AM 316 | 71 |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 5/11/2017 10:19:13 AM 316 | 71 |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 5/11/2017 10:19:13 AM 316 | 71 |
| Surr: 4-Bromofluorobenzene | 102 | 66.6-132 | %Rec | 1 5/11/2017 10:19:13 AM 316 | 71 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 8 of 14
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1705527

Date Reported: 5/12/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Compromise SWD #1

Lab ID: 1705527-009

Project:

Client Sample ID: S2-4'

Collection Date: 5/8/2017 12:01:00 PM

Received Date: 5/10/2017 9:30:00 AM

| Analyses | Result | PQL Qu | al Units | DF | Date Analyzed | Batch |
|-------------------------------|-------------|----------|----------|----|-----------------------|---------|
| EPA METHOD 300.0: ANIONS | | | | | Analys | t: LGT |
| Chloride | 1100 | 75 | mg/Kg | 50 | 5/11/2017 1:17:56 PM | 31677 |
| EPA METHOD 8015M/D: DIESEL RA | NGE ORGANIC | S | | | Analys | t: TOM |
| Diesel Range Organics (DRO) | ND | 9.6 | mg/Kg | 1 | 5/10/2017 2:49:49 PM | 31659 |
| Surr: DNOP | 85.0 | 70-130 | %Rec | 1 | 5/10/2017 2:49:49 PM | 31659 |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analys | t: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 5/11/2017 10:43:00 AM | 1 31671 |
| Surr: BFB | 98.1 | 54-150 | %Rec | 1 | 5/11/2017 10:43:00 AM | 1 31671 |
| EPA METHOD 8021B: VOLATILES | | | | | Analys | t: NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 5/11/2017 10:43:00 AM | 1 31671 |
| Toluene | ND | 0.050 | mg/Kg | 1 | 5/11/2017 10:43:00 AM | 1 31671 |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 5/11/2017 10:43:00 AM | 1 31671 |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 5/11/2017 10:43:00 AM | 1 31671 |
| Surr: 4-Bromofluorobenzene | 102 | 66.6-132 | %Rec | 1 | 5/11/2017 10:43:00 AM | 1 31671 |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 9 of 14
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1705527

Date Reported: 5/12/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

1705527-010

Client Sample ID: S2-6'

Project:

Lab ID:

Compromise SWD #1

Collection Date: 5/8/2017 12:08:00 PM

Matrix: SOIL Received Date: 5/10/2017 9:30:00 AM

| Analyses | Result | PQL Qu | al Units | DF Date Analyzed | l Batch |
|-------------------------------|--------------|----------|----------|---------------------------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | , , , , , , , , , , , , , , , , , , , | Analyst: LGT |
| Chloride | 1000 | 30 | mg/Kg | 20 5/10/2017 7:17: | 31 PM 31677 |
| EPA METHOD 8015M/D: DIESEL RA | NGE ORGANICS | 3 | | A | Analyst: TOM |
| Diesel Range Organics (DRO) | . ND | 9.6 | mg/Kg | 1 5/10/2017 3:17: | 39 PM 31659 |
| Surr: DNOP | 84.9 | 70-130 | %Rec | 1 5/10/2017 3:17: | 39 PM 31659 |
| EPA METHOD 8015D: GASOLINE RA | ANGE | | | F | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 5/11/2017 11:06 | :40 AM 31671 |
| Surr: BFB | 98.2 | 54-150 | %Rec | 1 5/11/2017 11:06 | :40 AM 31671 |
| EPA METHOD 8021B: VOLATILES | | | | · / | Analyst: NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 5/11/2017 11:06 | :40 AM 31671 |
| Toluene | ND | 0.050 | mg/Kg | 1 5/11/2017 11:06 | :40 AM 31671 |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 5/11/2017 11:06 | :40 AM 31671 |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 5/11/2017 11:06 | :40 AM 31671 |
| Surr: 4-Bromofluorobenzene | 102 | 66.6-132 | %Rec | 1 5/11/2017 11:06 | :40 AM 31671 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix S
- Analyte detected in the associated Method Blank В
- Ε Value above quantitation range
- Analyte detected below quantitation limit Page 10 of 14 J
- P Sample pH Not In Range
- Reporting Detection Limit RL
- Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1705527

12-May-17

Client:

EOG Resources

Project:

Compromise SWD #1

Sample ID MB-31677

Prep Date: 5/10/2017

Sample ID LCS-31677

Client ID: LCSS

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 31677 Analysis Date: 5/10/2017 RunNo: 42705

SeqNo: 1343326

Units: mg/Kg

HighLimit

%RPD

Qual

Analyte Chloride

PQL

SampType: LCS

ND

1.5

TestCode: EPA Method 300.0: Anions

Batch ID: 31677

1.5

RunNo: 42705 SeqNo: 1343327

Units: mg/Kg

Prep Date: 5/10/2017 Analysis Date: 5/10/2017

SPK value SPK Ref Val

SPK value SPK Ref Val %REC LowLimit

%REC LowLimit

HighLimit

%RPD

Result

0

110

Analyte Chloride

14

15.00

95.5

RPDLimit

RPDLimit

Qual

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

RPD outside accepted recovery limits R

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Ε Value above quantitation range

Analyte detected below quantitation limits J

Page 11 of 14

P Sample pH Not In Range

Reporting Detection Limit

Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1705527

12-May-17

Client:

EOG Resources

Project:

Compromise SWD #1

| Sample ID LCS-31659 | SampT | ype: LC | s | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | |
|-----------------------------|------------|----------------|-----------|---|----------|----------|-------------|------|----------|------|
| Client ID: LCSS | Batch | ID: 31 | 659 | R | RunNo: 4 | 2671 | | | | |
| Prep Date: 5/10/2017 | Analysis D | ate: 5/ | 10/2017 | S | SeqNo: 1 | 342637 | Units: mg/k | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 48 | 10 | 50.00 | 0 | 95.4 | 63.8 | 116 | | | |
| Surr: DNOP | 4.8 | | 5.000 | | 95.3 | 70 | 130 | | | |

| Sample ID MB-31659 | SampType: MBLK | | | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | |
|-----------------------------|----------------|---------------|-----------|-------------|---|----------|-------------|------|----------|------|--|
| Client ID: PBS | Batch | 1D: 31 | 659 | R | lunNo: 4 | 2671 | | | | | |
| Prep Date: 5/10/2017 | Analysis D | ate: 5/ | 10/2017 | S | SeqNo: 1 | 342638 | Units: mg/K | (g | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | | |
| Surr: DNOP | 11 | | 10.00 | | 107 | 70 | 130 | | | | |

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Value above quantitation range

Reporting Detection Limit

- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- Sample container temperature is out of limit as specified

Page 12 of 14

Hall Environmental Analysis Laboratory, Inc.

WO#:

1705527

12-May-17

Client:

EOG Resources

Project:

Compromise SWD #1

| Sample ID MB-31671 | SampType: MBLK | | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|----------------|-----------------|-----------|--|----------|----------|-------------|------|----------|------|--|
| Client ID: PBS | Batc | h ID: 31 | 671 | F | RunNo: 4 | 2718 | | | | | |
| Prep Date: 5/10/2017 | Analysis D | Date: 5/ | 11/2017 | 8 | SeqNo: 1 | 344416 | Units: mg/H | (g | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | | |
| Surr: BFB | 1000 | | 1000 | | 100 | 54 | 150 | | | | |
| Sample ID I CS 31671 | Comp | vna: LC | | TestCode: EPA Mathod 8015D: Gasolina Range | | | | | | | |

SampType: LCS Client ID: LCSS Batch ID: 31671 RunNo: 42718 Prep Date: 5/10/2017 Units: mg/Kg Analysis Date: 5/11/2017 SeqNo: 1344417 Analyte **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Result Gasoline Range Organics (GRO) 24 5.0 25.00 97.1 76.4 125 Surr: BFB 106 150 1100 1000 54

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

Page 13 of 14

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1705527

12-May-17

Client:

EOG Resources

Project:

Compromise SWD #1

| Sample ID MB-31671 | SampType: MBLK | | | TestCode: EPA Method 8021B: Volatiles | | | | | | |
|----------------------------|----------------|---------------|-----------|---------------------------------------|----------|----------|-------------|------|----------|------|
| Client ID: PBS | Batch | 1D: 31 | 671 | RunNo: 42718 | | | | | | |
| Prep Date: 5/10/2017 | Analysis D | ate: 5/ | 11/2017 | S | SeqNo: 1 | 344435 | Units: mg/K | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 114 | 66.6 | 132 | | | |

| Sample ID LCS-31671 | Samp | Type: LC | S | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|----------------------------|------------|------------------|-----------|---------------------------------------|----------|----------|--------------|------|----------|------|--|
| Client ID: LCSS | Batcl | h ID: 31 | 671 | F | RunNo: 4 | 2718 | | | | | |
| Prep Date: 5/10/2017 | Analysis E | Date: 5 / | 11/2017 | SeqNo: 1344436 | | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Benzene | 1.0 | 0.025 | 1.000 | 0 | 99.8 | 80 | 120 | | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 99.6 | 80 | 120 | | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 101 | 80 | 120 | | | | |
| Xylenes, Total | 3.1 | 0.10 | 3.000 | 0 | 103 | 80 | 120 | | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 112 | 66.6 | 132 | | | | |

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Page 14 of 14

- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Sample Log-In Check List

| Client Name: | EOG/Yates | Work Order N | umber: 1705527 | | RcptNo: | 1 |
|-------------------------|--|--|--|--|-------------------------|-------------------|
| Received By: | Andy Jansson | 5/10/2017 9:30: | 00 AM | ONTHON | | |
| Completed By: | Andy Jansson | 5/10/2017 10:08 | 3:15 AM | www | | |
| Reviewed By: | SPE | 05/10/17 | | W. V. P | | |
| Chain of Cus | tody · | | | | | |
| 1. Custody sea | ls intact on sample | bottles? | Yes 🗆 | No 🗆 | Not Present 🗹 | |
| 2. Is Chain of C | Custody complete? | | Yes 🗹 | No 🗆 | Not Present 🗌 | |
| 3. How was the | sample delivered? | • | Courier | | | |
| <u>Log In</u> | | | | | | |
| 4. Was an atte | mpt made to cool t | he samples? | Yes 🗹 |) No □ | na 🗆 | |
| 5. Were all san | nples received at a | temperature of >0° C to 6.0° | Yes 🗹 | No 🗆 | NA 🗆 | |
| 6. Sample(s) in | n proper container(s | 3)? | Yes 🗹 | No □ | | |
| 7. Sufficient sar | mple volume for inc | dicated test(s)? | Yes 🗹 | No 🗆 | | |
| 8. Are samples | (except VOA and 0 | ONG) properly preserved? | Yes 🗹 | No 🗆 | | |
| 9. Was preserv | ative added to bott | les? | Yes 🗌 | No 🗹 | NA 🗆 | |
| 10. VOA vials ha | ve zero headspace | ? | Yes 🗌 | No 🗆 | No VOA Vials 🗹 | |
| 11. Were any sa | imple containers re | ceived broken? | Yes 🗆 | No 🗹 | # of preserved | |
| 12. Does paperw | ork match bottle la | bels? | Yes 🔽 | No 🗌 | bottles checked for pH: | |
| | pancies on chain of | | | | · · · | >12 unless noted) |
| 13, Are matrices | correctly identified | on Chain of Custody? | Yes 🗹 | No 🗌 | Adjusted? | |
| | at analyses were re | · | Yes 🗹 | No 🗌 | | |
| | ling times able to be customer for author | | Yes 🗹 | No 🗌 | Checked by: | • |
| Special Handi | ling (if applical | h(e) | | | | |
| | | ancles with this order? | Yes 🗌 | No 🗆 | NA 🗹 | |
| Person | Notified: | | late | | | : |
| By Who | om: | PARTITION AND REPORT AND ADDRESS OF THE PARTY OF THE PART | 'ia: ☐ eMail ∣ | Phone Fax | In Person | |
| Regard | Ing: | | | MARKET MA | | |
| Client I | nstructions: | Ar eksendig Pikir kilikudi elekeriki kilikula kenalulukan menembahan behandan | MINISTER OF THE PERSON NAMED ASSESSMENT OF THE PERSON NAMED AS | AND THE PROPERTY OF THE PROPER | | |
| 17. Additional re | marks: | | | | | |
| 18. <u>Cooler Infor</u> | mation | | | | | |
| Cooler No | Temp °C Cor | ndition Seal Intact Seal N | lo Seal Date | Signed By | | |
| 1 | 4.0 Good | d Yes | | | | |

| Project Name: | ב ב | | | | | X Rush | | A. S. | | AR | | VCTC | VI. | ROE | ANAI YSTS I ABODATOD |
|--|--------------|----------|-------------|-----------------------------|----------------|--------------|--------|--|-------------|--------------|---|---------------|---------------|--------|----------------------|
| Address: | | | | | Project Name | 'n | | | | Now. | led we | and in | Ichan | | 5 |
| Harrier Artesia, NM 88210 Project #: Battery | Mailing | Addres | S: | | | Compromise | SWD #1 | Ä | 1901 H | awkins | NE - | Albuque | of due. | NM 871 | g |
| ##: 575-703-6537 Battery or Fax#: Chase Settle@eogresources.com Project Manager: Package: Chase Settle Indard Level 4 (Full Validation) Sampler: Chase Settle Indard Container Chase Settle Droject Manager: Indard Sample Temperature: Container Container Container Indard Soil S1-2' 1-40z. ICE —CCZ 18:45A Soil S1-2' 1-40z. ICE —CCZ 18:55A Soil S1-3' 1-40z. ICE —CCZ 18:55A Soil S1-4' 1-40z. ICE —CCZ 11:50A Soil S1-4' 1-40z. ICE —CCZ 11:50A Soil S2-1' 1-40z. ICE —CCZ 11:50A Soil S2-2' 1-40z. ICE —CCZ 11:50A Soil S2-3' 1-40z. ICE —CCZ 11:50A Soil S2- | 105 So | uth 4th | Street Arte | esia, NM 88210 | Project #: | | | | Tel. 50 | 5-345- | 3975 | Fax | 505-34 | 5-4107 | 3 |
| or Fax#: Chase Settle@eogresources.com Project Manager: Package: Chase Settle@eogresources.com Chase Settle Indiation: Container Chase Settle AP On Ice: X/Ves □ No D (Type) Sample Temperature: C OCC C OCC 1 (Type) Type Type Type 1 (St45A) Soil S1-2' 1 - 40z ICE — CCZ 1 (St5A) Soil S1-3' 1 - 40z ICE — CCZ 1 (St5A) Soil S1-4' 1 - 40z ICE — CCZ 1 (St5A) Soil S1-4' 1 - 40z ICE — CCZ 1 (St5A) Soil S2-1' 1 - 40z ICE — CCZ 1 (St5A) Soil S2-2' 1 - 40z ICE — CCZ 1 (St5A) Soil S2-3' 1 - 40z ICE — CCZ 1 (St5A) Soil S2-3' 1 - 40z ICE — CCZ 1 (St5A) Soil S | Phone | #: | 575-703 | -6537 | 4 | Batter | | | | | A | alysis | Redne | st | |
| Package: Package: | email o | r Fax#. | Chase (| Settle@eogresources.com | Project Mana | iger | | 21.2 | 7527 | | 3 | ()-(| | | |
| ridard □ Level 4 (Full Validation) Po # 205. 0750 sitation: Sample: Chase Settle AP □ Other □ No D (Type) Sample Request ID Preservative □ Charles Time Matrix Sample Request ID Type and # Type Type R45A Soil S1-2* 1 - 4oz ICE — CoC R545A Soil S1-2* 1 - 4oz ICE — CoC R55A Soil S1-3* 1 - 4oz ICE — CoC R55A Soil S1-4* 1 - 4oz ICE — CoC R55A Soil S2-1* 1 - 4oz ICE — CoC R55A Soil S2-4* 1 - 4oz ICE — CoC R11:50A Soil S2-4* 1 - 4oz ICE — CoC R11:50A Soil S2-4* 1 - 4oz ICE — CoC R1:50B Soil S2-4* 1 - 4oz ICE — CoC R1:50B | QAVQC | Package. | | | | Chase Settle | | | 4,44 | | |)S'* | s,E; | | |
| Time Matrix Sample Request ID Container Preservative E.COC.—I. | □ Stan | dard | | ☐ Level 4 (Full Validation) | | PO #205.07 | 50 | 1. 4.4. | 7 / / | | | O4 | Эd | | |
| Container Cont | Accredi | tation: | | | Sampler: | Chase Settle | | Cont. Co. | 44612-01 | 10 | (4) | MOS | 2808 | | |
| Time Matrix Sample Request D Container Freservative Container Type and # Type Container Type and # Type Container Type Container Type Container Type Container Type Container Type Container Container | | AP | Other | | On Ice: | ⊠/Yes | oN □ | | | | 15000 | E 15 | 3/3 | (∀ | |
| Time Matrix Sample Request ID Type and # Type (705) | | (Type) | | | Sample Tem | perature: | プーフのと | | Cherry. | 4.01 | 5)- | (35-1) | 100 | r=un | |
| 8:45A Soil \$1-1' 1-40z ICE CCZ 78:49A Soil \$1-2' 1-40z ICE CCZ 78:49A Soil \$1-2' 1-40z ICE CCZ 78:50A Soil \$1-4' 1-40z ICE CCZ 79:05A Soil \$1-4' 1-40z ICE CCZ 71:15A Soil \$2-1' 1-40z ICE CCZ 711:5A Soil \$2-2' 1-40z ICE CCZ 711:5A Soil \$2-2' 1-40z ICE CCZ 711:5A Soil \$2-2' 1-40z ICE CCZ 712:0P Soil \$2-3' 1-40z ICE CCZ 712:0P Soil \$2-4' 1-40z ICE CCZ 712:0P Soil \$2-5' 1-40z ICE CCZ 712:0P Soil \$2-6' 1-40z ICE CCZ 745/H Soil | G error | T T | - | Sample Regilest D | Container | Preservative | 700 N | The state of the s | III. | Politic Pile | September | A CERTAIN CAR | 3 1947 11 2 4 | 0.1. | |
| 8:45A Soil S1-2' 1-40z. ICE —CCZ 8:55A Soil S1-3' 1-40z. ICE —CCZ 9:00A Soil S1-4' 1-40z. ICE —CCZ 9:00A Soil S1-4' 1-40z. ICE —CCZ 19:00A Soil S2-1' 1-40z. ICE —CCZ 11:50A Soil S2-2' 1-40z. ICE —CCZ 11:50A Soil S2-3' 1-40z. ICE —CCZ 11:50A Soil S2-3' 1-40z. ICE —CCZ 11:50A Soil S2-8' 1-40z. ICE —CCZ 12:01P | |) ! | | | Type and # | | 705527 | A. Theres | 250-6416-00 | F 84 4 | 111111111111111111111111111111111111111 | 3/08/17/23/50 | 7.1-7-7-7 | DENS | |
| 8:49A Soil \$1-2' 1-40z ICE —CCZ 18:55A Soil \$1-3' 1-40z ICE —CCZ 19:00A Soil \$1-4' 1-40z ICE —CCZ 19:05A Soil \$1-6' 1-40z ICE —CCZ 11:50A Soil \$2-1' 1-40z ICE —CCZ 11:50A Soil \$2-2' 1-40z ICE —CCZ 11:50A Soil \$2-3' 1-40z ICE —CCZ 11:50A Soil \$2-3' 1-40z ICE —CCZ 12:01P Soil \$2-4' 1-40z ICE —CCZ 12:01P Soil \$2-6' 1-40z ICE —CCZ 12:01P Soil \$2-6' 1-40z ICE —CCZ 12:01P Image: Time Image: Time Image: Time 1me: Relinquished by: Relinquished by: Received by: Image: Time 1me: Time Image: Time | 5/B/2017 | 8:45A | Soil | S1-1" | 1 - 4oz. | ICE | 100- | | 10 | | | - | | | |
| 8:55A Soil \$1-3' 1-40Z ICE —003 9:00A Soil \$1-4' 1-40Z ICE —004 71:146A Soil \$2-1' 1-40Z ICE —005 71:50A Soil \$2-2' 1-40Z ICE —007 71:50A Soil \$2-3' 1-40Z ICE —007 71:01P Soil \$2-4' 1-40Z ICE —007 712:06P Soil \$2-4' 1-40Z ICE —007 712:06P Soil \$2-6' 1-40Z ICE —007 712:06P Soil \$2-6' 1-40Z ICE —004 712:06P Soil \$2-6' 1-40Z ICE —004 712:06P Soil \$2-6' 1-40Z ICE —004 745M M M M M M 745M M M M M M 745M M M | 5/8/2017 | 8:49A | Soil | S1-2' | 1-402. | ICE | 1-867 | × | × | | | × | | 1 | |
| 7 9:00A Soil \$1-4' 1-402 ICE 004 7 9:05A Soil \$2-1' 1-402 ICE 005 7 11:46A Soil \$2-2' 1-402 ICE 005 7 11:50A Soil \$2-2' 1-402 ICE 007 7 12:01P Soil \$2-4' 1-402 ICE 007 7 12:08P Soil \$2-6' 1-402 ICE 004 7 12:08P Image: Time Image: Time Image: Time Image: Time 7 15:08P Image: Time Image: Time Image: Time Image: Time <td>5/8/2017</td> <td>8:55A</td> <td>Soil</td> <td>S1-3'</td> <td>1 - 40Z.</td> <td>ICE</td> <td>63</td> <td>×</td> <td>×</td> <td>-</td> <td></td> <td>×</td> <td></td> <td></td> <td></td> | 5/8/2017 | 8:55A | Soil | S1-3' | 1 - 40Z. | ICE | 63 | × | × | - | | × | | | |
| 19:05A Soil \$1-6° 1-402. ICE -005 11:46A Soil \$2-1° 1-402. ICE -007 11:50A Soil \$2-2° 1-402. ICE -007 11:55A Soil \$2-3° 1-402. ICE -007 12:06P Soil \$2-4° 1-402. ICE -007 12:06P Soil \$2-6° 1-402. ICE -007 12:06P Soil \$2-6° 1-402. ICE -007 1::06P Soil \$2-6° 1-402. ICE -007 1::06P Soil \$2-6° 1-402. ICE -007 1::06P Soil \$2-6° 1-402. ICE -007 1::ne: Relinquished by: Received by: -000 -000 1:ine: Relinquished by: Received by: -000 -000 1:ine: Relinquished by: -000 -000 -000 | 5/8/2017 | 9:00A | Soil | S14' | 1-40z. | ICE | h00- | × | × | | | × | | | |
| 11:46A Soil S2-1' 1-4oz. ICE — ∞6 11:50A Soil S2-2' 1-4oz. ICE — ∞7 11:50A Soil S2-3' 1-4oz. ICE — ∞6 12:01P Soil S2-4' 1-4oz. ICE — ∞6 12:06P Soil S2-6' 1-4oz. ICE — ∞6 12:06P Soil S2-6' 1-4oz. ICE — ∞6 11me: Relinquished by: Received by: Mull \$1(0)[17 orgs 11me: Relinquished by: Received by: Date Time | 5/B/2017 | 9:05A | Soil | S1-6' | 1 - 40z. | ICE | 500- | × | × | | | × | | | |
| 11:50A Soil S2-2' 1-4oz. ICE —oc/8 11:55A Soil S2-4' 1-4oz. ICE —oc/8 12:01P Soil S2-6' 1-4oz. ICE —co/6 12:06P Soil S2-6' 1-4oz. ICE —co/6 12:06P Soil S2-6' 1-4oz. ICE —co/6 1me. Relinquished by: Received by: Aum \$\frac{1}{10}(17 \text{ ArS})\$ Time: Relinquished by: Received by: Date Time | 5/8/2017 | 11:46A | | \$2-1. | 1 - 4oz. | ICE | 300- | × | × | | | × | 1 | | |
| 11:55A Soil S2-3' 1-4oz. ICE —oc/8 12:01P Soil S2-6' 1-4oz. ICE —co/4 12:08P Soil S2-6' 1-4oz. ICE —co/6 Time: Relinquished by: Received by: Date Time Time: Relinquished by: Received by: Date Time | 5/8/2017 | 11:50A | | .2-2. | 1 - 4oz. | ICE | 100- | × | × | | | × | | | |
| 7 12:01P Soil S2-6' 1-40z. ICE —OOA 7 12:06P Soil S2-6' 1-40z. ICE —OOO Time: Relinquished by: Received by: Date Time Time: Relinquished by: Received by: Date Time | 5/8/2017 | 11:55A | | | 1 - 4oz. | ICE | 200- | × | × | | | × | | | |
| 12:06P Soil S2-6' 1-40z. ICE —0 (0 Time: Relinquished by: Received by: Date Time Time: Relinquished by: Received by: Date Time | 5/8/2017 | 12:01P | Soil | | 1-40z. | ICE | P00- | × | × | | | × | | | |
| Time: Relinquished by: Styffy | 5/8/2017 | 12:08P | | .9-ZS | 1 - 40z. | ICE | 010- | × | × | | (| × | | - 3 | - 10 |
| Time: Relinquished by: Received by: Cun Stock Of 7 or 30 Time: Relinquished by: Date Time | | | | | | | | | | | | | | | |
| 2.45 M S CLUM S (10 (17 or 30) Time: Relinquished by: Date Time | Date: | Time: | Relinquish | ed by: | Received by: | | T. | 0 | - 1 | _ | | | | | |
| Time: Relinquished by: V Date | and the same | 2.45 PM | _ | 1 | and | m | 8 | 0 | į | | EON A | nesn. | | nea by | way 11, 2017 |
| | Date: | Time: | Relinquish | ed by: | Received by: V | | | | | | | | | | |



May 23, 2017

Chase Settle
EOG Resources
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111

EAV

FAX

RE: Compromise SWD 1

OrderNo.: 1705946

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/16/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Lab Order 1705946

Date Reported: 5/23/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Client Sample ID: S1-8'

Project:

Compromise SWD 1

Collection Date: 5/8/2017 9:10:00 AM

Lab ID:

1705946-001

Matrix: SOIL

Received Date: 5/16/2017 9:35:00 AM

| Analyses | Result | PQL Qu | al Units | DF | Date Analyzed | Batch |
|--------------------------|--------|--------|----------|----|--------------------|-----------------|
| EPA METHOD 300.0: ANIONS | | | | | Anal | yst: LGT |
| Chloride | 1400 | 75 | mg/Kg | 50 | 5/23/2017 12:23:53 | AM 31842 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 2
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1705946

23-May-17

Client:

EOG Resources

Project:

Compromise SWD 1

Sample ID MB-31842

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 31842

RunNo: 42953

HighLimit

Prep Date: 5/19/2017

Analysis Date: 5/19/2017

1.5

SeqNo: 1351558

SPK value SPK Ref Val %REC LowLimit

Units: mg/Kg

%RPD **RPDLimit**

Qual

Analyte Chloride

ND

Sample ID LCS-31842

SampType: LCS

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

5/19/2017

Batch ID: 31842 Analysis Date: 5/19/2017 RunNo: 42953

Units: mg/Kg

SeqNo: 1351559

HighLimit

RPDLimit

Qual

Analyte

Prep Date:

Result

SPK value SPK Ref Val %REC LowLimit

0

95.3

90

%RPD

15.00

110

Chloride

14

1.5

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Η

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix S

В Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits Page 2 of 2

P Sample pH Not In Range

RL Reporting Detection Limit

Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: EOG/Yates Work Order Number: 1705946 RcptNo: 1 Received By: Erin Melendrez 5/16/2017 9:35:00 AM Completed By: **Ashley Gallegos** 5/18/2017 7:50:08 AM Reviewed By: SPC 05/18/17 Chain of Custody 1. Custody seals intact on sample bottles? Yes 🗌 No 🗆 Not Present 2. Is Chain of Custody complete? Yes 🗸 No 🗆 Not Present 3. How was the sample delivered? Courier Log In 4. Was an attempt made to cool the samples? Yes 🗸 No 🗆 NA 🗌 5. Were all samples received at a temperature of >0° C to 6.0°C Yes 🗸 NA 🔲 6. Sample(s) in proper container(s)? Yes 🗹 No 🗌 7. Sufficient sample volume for indicated test(s)? Yes 🔽 No 🗆 8. Are samples (except VOA and ONG) properly preserved? Yes 🗸 No 🗆 9. Was preservative added to bottles? Yes No V NA 🗌 10. VOA vials have zero headspace? Yes 🗌 No 🗆 No VOA Vials 🗹 11. Were any sample containers received broken? Yes No 🗸 # of preserved bottles checked 12. Does paperwork match bottle labels? Yes 🗸 No 🗌 for pH; (Note discrepancies on chain of custody) (<2 or >12 unless noted) 13. Are matrices correctly identified on Chain of Custody? Yeş 🗸 No 🗆 Adjusted? 14, is it clear what analyses were requested? Yes 🗹 No 🗌 15. Were all holding times able to be met? Yes 🗸 No 🗌 Checked by: (If no, notify customer for authorization.) Special Handling (if applicable) 16. Was client notified of all discrepancies with this order? Yes 🗌 NA 🗹 Person Notified: Date By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date 5.9 Good Yes Page 1 of 1

| Multing Address: | Address: Address: uth 4th Street Arte #: 575-703- r Fax#: Chase S Package: |) IIIC | X Standa | Έ | | | The Confession of the Confessi | or appearance of the factor | | | TO THE PICTOR AND THE PICTOR |
|--|--|-----------------------------|--|----------------------|--|------------------------|--|-----------------------------|-------------|--|--|
| Project Name: Project Name: Compromise SWD #1 | Street Arte 575-703- | | The second secon | 5 | The second secon | | ANA | LYSI | SIS | BOR | ATORY |
| Soil S1-60 Self-consisted by: Street Artesia, NM 88210 Project #: Compromise SWD #1 Project #: Compromise SWD #1 Chase Settle On Ice: X, Yes BIND Sample Request ID Type and # Type Type # HEAL No. Soil S1-8 1-4oz, None Container Received by: Received by: Received by: Compromise SWD #1 Battery Project #1 Battery Container Chase Settle On Ice: X, Yes BIND Soil Type # HEAL No. Received by: Received by: Received by: Received by: Compromise SWD #1 Battery Chase Settle On Ice: X, Yes BIND Received by: Container Chase Settle Container Type # HEAL No. Received by: Compromise SWD #1 Received by: Container Received by: Compromise SWD #1 Received by: Container Chase Settle On Ice: X, Yes BIND Received by: Container Chase Settle On Ice: X, Yes BIND Received by: Container Chase Settle Container Chase Settle On Ice: X, Yes BIND Received by: Container Chase Settle Container Chase Settle On Ice: X, Yes BIND Received by: Container Chase Settle Chase Settle On Ice: X, Yes BIND Received by: Container Chase Settle Chase Se | Street Arte 575-703-1 Chase S | | Project Name | 33 | | | www.F | allenviror | nmental | moo | |
| Soil Sample Request ID Project #: | Street Arte 575-703-1 Chase S | | | Compromise : | SWD #1 | 4901 F | lawkins NE | - Albuqi | uerque, | NM 87109 | |
| Chase Settle@eogresources.com | 575-703- Chase S | | Project #: | | | Tel 5 | 05-345-397 | 5 Fax | 505-34 | 5-4107 | |
| Chase Settle Sample Samp | Chase S | 5537 | | Batter | | | | \na | s Reque | St | |
| Chase Settle Other Chase Settle Other Sample: Chase Settle Ondaritx Sample Request ID Sample: Chase Settle Ondarity Sample Request ID Type and # Type Type and # Type HEAL No. BIEX + MIBE + TMB + (G887) be ROLL 10 the Received by: Refinantished by: Refinantished by: Refinantished by: Chase Settle Ondarity Sample Investment Sample Request ID Type and # Type Type and # Type | | ettle@eogresources.com | Project Mana | ger. | | (KJt | The state of | (PC | | - | |
| Cheel 4 (Full Validation) | | | | Chase Settle | | lo si | |)S'* | 111 2.4 | | |
| Sampler: Chase Settle Onlice: X Yess Onlice: X Yess Differ: A Sample Temperature; S. Container Sample Temperature; S. Container Sample Temperature; S. Container Type and # Type Type and # Type Type (F.C.I.NO.) S1-8' Anions (F.C.I.NO.) BITEX + MITBE + TPH TYPH Melhod 80158 (C. TYPH Melhod 91 8081 Received by: Received by: Received by: Received by: The Type Type TYPH Melhod 91 8081 TYPH Melhod 9 | The second secon | □ Level 4 (Full Validation) | | PO # 205, 07 | 20 | B5) | B. at 1 | Oq. | 11 41 200 | | |
| Matrix Sample Request ID Container Preservative HEALNO. Soil S1-8 T-402. None - DOI BEE + 1 Reinquished by: Received by: Rec | ccreditation; | | Sampler: | Chase Settle | | На | (1 | | 20 11 20 | | |
| Soil Stample Temperature, Soil Soil Stample Request ID Type and # Type The Late No. Type and # Type T | 100 | | On Ice: | | ON D | 1+ | bo | S C | 5/1 | (A) | |
| Matrix Sample Request ID Type and # Type TOSOME HEAL No. Soil S1-8" 1-402. None - DOI BITEX + MIT RECEIVED BY RECEIVED BY Received by. Reinquished by: Received by: Re | EDD (Type) | | Sample Tem | 13 | | 99 | 9 P | sjej | epi | | |
| 9:10A Soil S1-8' 1-4oz. None — DOIL Time: Relinquished by: Received by: CE CE CE Received by: CE CE CE CE Received by: Relinquished by: Received by: Date Time | | 1000000 | Container Type and # | Preservative Type | HEAL NO. | TM + XƏTB TM + XƏTB | EDB (Wellio | FCRA 8 Me | olise9 1808 | The state of the s | |
| Time: Relinquished by: Received by: Received by: Received by: Bate Time Bate Time | 17 | S1-8' | 1 - 4oz. | None | - 001 | | Anna Anna Anna Anna Anna Anna Anna Anna | × | | | |
| Time: Relinquished by: Received by: Received by: Received by: Date Time: Received by: Date Time: | | | | | | | | | | | |
| Time: Relinquished by: Received by: Received by: Received by: Date Time Time: Relinquished by: Date Time | | | | i i | | | | | | | |
| Time: Relinquished by: Received by: Received by: Received by: Date Time Time: Relinquished by: Date Time | | | | | | | | A vene | | | |
| Time: Relinquished by: Received by: Received by: Received by: Time: Relinquished by: Date Time | | | | | | | | | | | |
| Time: Relinquished by: Received by: Received by: Received by: Date Time | | | | | | | | | | | |
| Time: Reinquished by: Received by: Received by: Received by: Date Time | | | | | | | | | | | |
| Time: Relinquished by: Date | Time: 9:30 | d by: | Received by: | | 15/21/21/21/21/21/21/21/21/21/21/21/21/21/ | Remarks: F | Results neer | ded by Ma | ay 23, 2 | 017. | to the second se |
| | Time; | d by: | Received by: | | | | | | | | |



May 23, 2017

Chase Settle
EOG Resources
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111

FAX

RE: Compromise SWD 1

OrderNo.: 1705945

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/16/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Lab Order 1705945

Date Reported: 5/23/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Client Sample ID: S1-10'

Project.

Compromise SWD 1

Collection Date: 5/8/2017 9:17:00 AM

Lab ID:

1705945-001

Matrix: SOIL

Received Date: 5/16/2017 9:35:00 AM

| Analyses | Result | PQL Qu | al Units | DF | Date Analyzed | Batch |
|--------------------------|--------|--------|----------|----|---------------------|-----------------|
| EPA METHOD 300.0: ANIONS | | | | | Anal | yst: LGT |
| Chloride | 1000 | 30 | mg/Kg | 20 | 5/19/2017 4:20:35 P | M 31842 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 2
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1705945

23-May-17

Client:

EOG Resources

Project:

Compromise SWD 1

Sample ID MB-31842

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 31842

RunNo: 42953

Units: mg/Kg

HighLimit

Prep Date: Analyte

Analysis Date: 5/19/2017

SeqNo: 1351558

RPDLimit

RPDLimit

Qual

Chloride

Result PQL ND

Sample ID LCS-31842

SampType: LCS

1.5

RunNo: 42953

TestCode: EPA Method 300.0: Anions

Client ID:

LCSS

5/19/2017

Batch ID: 31842

SeqNo: 1351559

SPK value SPK Ref Val %REC LowLimit

Units: mg/Kg

HighLimit

%RPD

Analyte

Prep Date:

5/19/2017

Analysis Date: 5/19/2017

SPK value SPK Ref Val

%REC 95.3

LowLimit

%RPD

Qual

Chloride

Result

1.5 15.00

110

Qualifiers:

S

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Η Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits Analyte detected in the associated Method Blank

E

Value above quantitation range Analyte detected below quantitation limits J

Page 2 of 2

P Sample pH Not In Range

RLReporting Detection Limit

Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

We b site: www.hallenvironmental.com

Sample Log-In Check List

| Client Name: | EOG/Yates | Work Order Num | ber: 1705945 | | RcptNo: | 1 |
|--------------------|---|-------------------------------------|--------------|-------------|----------------|----------------------|
| Received By: | Erin Melendrez | 5/16/2017 9:35:00 | ΑM | UNC. | 5* | |
| Completed By: | Ashley Gallegos | 5/18/2017 7:48:29 | AM | A | | |
| Reviewed By: | the o | 5/18/17 | | 0 | | |
| Chain of Cus | stody | | | | • | |
| 1. Custody sea | als intact on sample bot | tles? | Yes 🗌 | No 🗆 | Not Present 🗹 | |
| 2. Is Chain of C | Custody complete? | | Yes 🗹 | No 🗌 | Not Present | |
| 3. How was the | e sample delivered? | | Courier | | | |
| <u>Log In</u> | | | | | | |
| 4. Was an atte | empt made to cool the s | samples? | Yes 🗹 | No 🗆 | na 🗆 | |
| 5. Were all sar | mples received at a ten | nperature of >0° C to 6.0°C | Yes 🗹 | No 🗆 | na 🗆 | |
| 6. Sample(s) in | n proper container(s)? | | Yes 🗹 | No 🗌 | | |
| 7, Sufficient sa | imple volume for indica | ted test(s)? | Yes 🗹 | No 🗌 | | |
| 8. Are samples | s (except VOA and ONG | G) properly preserved? | Yes 🗹 | No 🗆 | | |
| 9. Was presen | vative added to bottles? | • | Yes 🗌 | No 🔽 | NA 🗆 | |
| 10.VOA vials ha | ave zero headspace? | | Yes 🗌 | No 🗌 | No VOA Vials 🗹 | |
| 11. Were any sa | ample containers receiv | ved broken? | Yes 🗆 | No 🗹 | # of preserved | |
| | work match bottle labels pancies on chain of cus | | Yes 🗹 | No 🗆 | for pH: | or >12 unless noted) |
| 13. Are matrices | s correctly identified on | Chain of Custody? | Yes 🗹 | No 🗆 | Adjusted? | |
| 14, Is it clear wh | nat analyses were reque | ested? | Yes 🗹 | No 🗔 | | |
| | ding times able to be m customer for authorizat | | Yes 🗸 | No ∐ | Checked by: | |
| Special Hand | lling (if applicable |) | | | | |
| 16. Was client n | notified of all discrepand | cies with this order? | Yes 🗆 | No 🗌 | NA 🗹 | |
| Persor | n Notified: | Date | | | | |
| By Wh | nom: | . Via: | eMail | Phone 🔲 Fax | ☐ In Person | |
| Regard | ding: | | | | | |
| | Instructions: | | | | | |
| 17. Additional re | emarks: | | | | | |
| 18. Cooler Info | | | ا نسیسا | | 1 | |
| Cooler N | o Temp °C Condil | tion Seal Intact Seal No Yes | Seal Date | Signed By | | |
| | | | | | | - · - · . |

| | The state of the s | | X Standard | 2 | | | | ALL | HALL ENV | 1 | | |
|------------------------------|--|--|-------------------------|-------------------------|------------------|--|-------------------|---------------------------|---|---------------------------|----------------|---|
| | | | Project Name: | ài | | | 4 | NAL | ANALYSIS | 4 | | |
| Mailing Address: | ess: | | | Compromise SWD #1 | SWD #1 | 1 | | www.hall | www.hallenvironmental.com | ental.c | w _C | |
| 105 South 4th | 1 Street Art | 105 South 4th Street Artesia, NM 88210 | Project #: | | 1 | 18 | ıl Hawkii | - BN Su | 4901 Hawkins NE - Albuquerque, NM 87105 | rque, NI | M 8710s | |
| Phone #: | 575-703-6537 | -6537 | | 400 | | T. | Tel. 505-345-3975 | 5-3975 | Fax 5 | Fax 505-345-4107 | 4107 | |
| email or Fax#: | | Chase Settle@eogresources.com | Project Manager | | 3 | _ | (| 4 | Analysis Request | Rednest | | • |
| QA/QC Package: □ Standard | 171 | □ ·Level 4 (Full Validation) | | Chase Settle | C | es ouly | lései(∏/s | | | cB.¢ | | |
| Accreditation; | □ Other | | Sampler: | Chase Settle | | 2) H91 | (1 | | | d Z80: | | |
| ☐ EDD (Type) | | | Sample Tem | Sample Temperature: Coo | ON O | # E | 817 | IA9 | l ^v O | | (V) | |
| Date Time | e Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL NO. | 1 18TM + X3T 18TM + X3T | borbaM He | borlieM) ac 10 AM9) 01 | | 91 Pesticide 30B (VOA) | OV-lməS) 07 | • |
| 582017 9:17A | Soil | S1-10' | 1-402. | None | -00 | 8 | II | 83 | nA × | 85 | 78 | |
| | | | | | | | | | | | | X |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | 17 | | | |
| | | | | | | | | | 7 | | | |
| | V - | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Date: Time; 5-16-17 9:30 | Relinquished by: | | Received by: | | | Remarks: Results needed by May 23, 2017. | Results n | Peeded b | May 23 | , 2017. | | |
| Date: Time: | Relinquished by: | | Received by: | | Police 1/01/05 | 5000 | | | | | | |

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be dearly notated on the analytical report.



May 23, 2017

Chase Settle **EOG Resources** 105 South Fourth Street Artesia, NM 88210

TEL: (575) 748-4111

FAX

RE: Compromise SWD 1

OrderNo.: 1705944

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/16/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the OC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

Only

4901 Hawkins NE

Lab Order 1705944

Date Reported: 5/23/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Project:

Compromise SWD 1

1705944-001

Client Sample ID: S1-12'

Collection Date: 5/8/2017 9:23:00 AM

Matrix: SOIL Received Date: 5/16/2017 9:35:00 AM Lab ID:

| Analyses | Result | PQL Qual | Units | DF | Date Analyzed | Batch |
|--------------------------|--------|----------|-------|----|--------------------|-----------------|
| EPA METHOD 300.0: ANIONS | | | | | Analy | /st: LGT |
| Chloride | 1200 | 75 | mg/Kg | 50 | 5/23/2017 12:11:29 | AM 31842 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 2
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1705944

23-May-17

Client:

EOG Resources

Project:

Compromise SWD 1

Sample ID MB-31842

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 31842

RunNo: 42953

Prep Date: 5/19/2017

Analysis Date: 5/19/2017

SeqNo: 1351558

Units: mg/Kg

HighLimit

RPDLimit %RPD

Qual

Analyte Chloride

Result ND **PQL**

PQL

1.5

SampType: LCS

TestCode: EPA Method 300.0: Anions

Sample ID LCS-31842 Client ID: LCSS

Batch ID: 31842

RunNo: 42953

Prep Date:

5/19/2017

Analysis Date: 5/19/2017

SeqNo: 1351559

SPK value SPK Ref Val %REC LowLimit

0

Units: mg/Kg

RPDLimit

Qual

Analyte

Result

1.5

%REC 95.3

Chloride

LowLimit

HighLimit 110

14

15.00

SPK value SPK Ref Val

90

%RPD

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit

RPD outside accepted recovery limits R

S % Recovery outside of range due to dilution or matrix В Analyte detected in the associated Method Blank

Value above quantitation range

J Analyte detected below quantitation limits

Page 2 of 2

P Sample pH Not In Range

Reporting Detection Limit

Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505 245 2075 FAV: 505 245 4107

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

| Client Name: | EOG/Yates | | Work Order Number: | 1705944 | • | RcptNo: | 1 |
|------------------------------------|-------------------|--|----------------------|--|-----------|--|----------------------|
| Received By: | Erin Melen | drez | 5/16/2017 9:35:00 AM | | une | - | |
| Completed By: | Ashley Gal | | 5/18/2017 7:47:09 AM | | LIA. | | |
| Reviewed By: | 8pe | 05/18/1 | | | 5,70 | | |
| Chain of Cus | stody | | | | | | |
| 1. Custody se | als intact on sa | imple bottles? | | Yes 🗌 | No 🗆 | Not Present 🗹 | |
| 2. Is Chain of | Custody comp | lete? | | Yes 🔽 | No 🗌 | Not Present 🗌 | |
| 3. How was th | e sample deliv | ered? | | Courier | | | |
| <u>Log In</u> | | | | | | | |
| | empt made to | cool the samples? | | Yes 🗹 | No 🗆 | NA 🗆 | |
| 5. Were all sa | mples received | d at a temperature | of >0° C to 6.0°C | Yes 🗹 | No 🗆 | na 🗆 | |
| 6. Sample(s) | in proper conta | niner(s)? | | Yes 🗹 | No 🗆 | | |
| 7. Sufficient sa | ample volume | for indicated test(s |)? | Yes 🗹 | No 🗆 | | |
| 8. Are sample | s (except VOA | and ONG) properi | y preserved? | Yes 🔽 | No 🗆 | | |
| 9. Was preser | vative added to | o bottles? | | Yes 🗌 | No 🗹 | NA 🗆 | |
| 10.VOA vials h | ave zero head | space? | | Yes 🗌 | No 🗆 | No VOA Vials 🗹 | |
| | | ers received broke | n? | Yes 🗆 | No 🗹 | | |
| | | | | | 🗂 | # of preserved bottles checked | |
| 12. Does paper | | ttle labels? ain of custody) | | Yes 🗹 | No ∐ . | for pH: (<2 c | or >12 unless noted) |
| • | | ntified on Chain of | Custody? | Yes 🗹 | No 🗌 | Adjusted? | |
| 14. Is it clear w | | | | Yes 🗹 | No 🗆 | | |
| 15. Were all ho | lding times abl | e to be met? | | Yes 🗹 | No 🗆 | Checked by: | |
| (If no, notify | customer for | authorization.) | | | | | |
| Special Hand | dling (if app | olicable) | | | | | |
| 16. Was client | notified of all d | iscrepancies with ti | nis order? | Yes 🗌 | No 🗆 | NA 🗹 | |
| Perso | n Notified: | | Date 1 | Address of the second | | | ' ; |
| By W | hom: | CHARLES IN THE STREET | Via: [| eMail | Phone Tax | In Person | |
| Rega | rding: | THE PERSONAL PROPERTY OF THE PERSONAL PROPERTY | | ALCONOMICAL AND RECEIPMENT AND AND ADDRESS OF THE A | | MANAGARIA SERVICE DE LA CONTRACTOR DE LA | |
| Client | Instructions: | A A A A A A A A A A A A A A A A A A A | | And the second second second second | | | |
| 17. Additional | remarks: | | | | · | | |
| 18. <u>Cooler Info</u> Cooler N | | Condition Se Good Yes | | Seal Date | Signed By | | |

| Mailing Address: 105 South 4th St Phone #: email or Fax#: 0AVQC Package: □ Standard Accreditation: □ NELAP □ NELAP □ Date □ Time | 10 0 1 1 1 1 1 1 | MM 88210 @eogresources.com evel 4 (Full Validation) | Project Name: Con Project #: Project Manager: Chz | Scompromise SWD #1 | | | | 1 | cooleimoning light water | 36.50 | 1 | |
|--|--|--|--|----------------------|--|-------------|-------------------|--|---------------------------------|---------------------------|---|---|
| Mailing Addra 105 South 4t Phone #: email or Fax QA/QC Packa | | Irces.com | Project #: Project Mana | Compromise | | | | WWW. | CINICIPAL | www.hallenvironmental com | mos | |
| Phone #: email or Faxa QA/QC Packa Standard Accreditation NELAP Date Tin | o l | Irces.com | Project #: Project Mana | | SWD #1 | 490 | 11 Hawkir | IS NE - | Albuque | raue. | 4901 Hawkins NE - Albuquerque, NM 87109 | |
| Phone #: email or Faxx QA/QC Packa Standard Accreditation NELAP Date Tin | | | Project Mana | | | P P | Tel. 505-345-3975 | 5-3975 | Fax 5 | 05-34 | Fax 505-345-4107 | |
| OA/QC Packa OA/QC Packa O Standard Accreditation O NELAP O EDD (Typ | | | Project Mana | Battery | y | | | A | Analysis Request | Rednes | st | |
| OA/OC Packa Standard Accreditation NELAP Delto (Typ | THE RESERVE TO SERVE THE RESERVE THE RESER | | | 0.650 | | _ | ()09 | | († ₍ | | | |
| Accreditation NELAP DEDD (Typ | 38, 5-7 | ☐ Level 4 (Full Validation) | | Chase Settle | 10 21 21 31 | - | səid) | | DS' [‡] C | cB's | | H |
| Accreditation NELAP EDD (Typ | | | | PO#205.0750 | 750 | | SBE | |)d' | d 7 | | |
| Date Tin | | The state of the s | Sampler: | Chase Settle | | | | | 'ON' | 808 | (| |
| Date Tir | | Attitude to the second | Sample Temperature: 5 | Derature: 5,0 | 76.5 | | | | - | | 4.00.000 | |
| | | Sample Request ID | Container Type and # | Preservative Type | The second second second | ex + MTE | borlleM H | ocheM) 80 o ANS) 01 | JaM 8 A지: IO,ㅋ) enoi | oloitae9 18 AOV) 80a | /-ima8) 07 | |
| | 1 | 3 | | | t+6901-1 | | | | - | | 4 | |
| 5/8/2017 9:23A | Soil | 21-12 | 1 - 4oz. | None | 100- | | | | × | | | |
| | | | | | | 3 | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | The state of the s | | | | |
| 77 | 01 | | | | - N 24 | | | American Services | | | | |
| | | | | | mental and the second s | | | | | | | |
| | | | | | | | | | | | | |
| | and the second | | | | | | | | | | | |
| | | | | | | - 2 | , A | | | | | |
| | | | The second secon | | | 28 A | | | | | | |
| Date: Time: 5-75-77 9:30 | Relinquished by: | ed by: | Received by: |] . k | Date Time ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ | Remarks: | 500 | s needer | Results needed by May 23, 2017. | 23, 20 | 17. | |
| Date: Time: | Relinquished by: | :d ba: | Received by: | | Date Time |))) | , | | | | | |

If necessary, samples submitted to Hall Environmental may be subconfracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



May 23, 2017

Chase Settle
EOG Resources
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111

FAX

RE: Compromise SWD 1

OrderNo.: 1705943

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/16/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Lab Order 1705943

Date Reported: 5/23/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Compromise SWD 1

Client Sample ID: S1-14'

Collection Date: 5/8/2017 9:30:00 AM

Lab ID: 1705943-001

Project:

Matrix: SOIL

Received Date: 5/16/2017 9:35:00 AM

| Analyses | Result | PQL Qu | al Units | DF | Date Analyzed | Batch |
|--------------------------|--------|--------|----------|----|--------------------|-----------------|
| EPA METHOD 300.0: ANIONS | | | | | Anal | yst: LGT |
| Chloride | 1800 | 75 | mg/Kg | 50 | 5/22/2017 11:59:04 | PM 31842 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- $R \quad \ RPD \ outside \ accepted \ recovery \ limits$
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 2
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1705943

23-May-17

Client:

EOG Resources

Project:

Compromise SWD 1

Sample ID MB-31842

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 31842

RunNo: 42953

Prep Date: 5/19/2017

Analysis Date: 5/19/2017

SeqNo: 1351558

Units: mg/Kg

HighLimit

RPDLimit

%RPD

Qual

Analyte Chloride

Result ND **PQL** 1.5

Sample ID LCS-31842

SampType: LCS

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Batch ID: 31842

RunNo: 42953

Prep Date:

5/19/2017

SeqNo: 1351559

Analysis Date: 5/19/2017

PQL

Units: mg/Kg

Analyte

Result

SPK value SPK Ref Val

%REC 95.3

LowLimit

HighLimit %RPD Qual

Chloride

15.00

90

RPDLimit

14

0

SPK value SPK Ref Val %REC LowLimit

1.5

110

Qualifiers:

R

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Η Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RPD outside accepted recovery limits S % Recovery outside of range due to dilution or matrix В Analyte detected in the associated Method Blank

Ε Value above quantitation range

Analyte detected below quantitation limits J

Page 2 of 2

P Sample pH Not In Range

Reporting Detection Limit

Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Sample Log-In Check List

| Client Name: | EOG/Yates | | Work Order Number: | 1705943 | | RcptNo | : 1 |
|-------------------------------------|-----------------------------------|---------------------|----------------------|-------------------------|-------------|----------------------------|----------------------|
| Received By: | Erin Melen | drez | 5/16/2017 9:35:00 AM | | une | ~ | |
| Completed By: | Ashley Gall | egos | 5/18/2017 7:45:51 AM | | La. | | |
| Reviewed By: | - | 05/18/1 | 7 | | . () | | |
| Chain of Cus | tody | | | | | | |
| 1. Custody sea | als intact on sa | mple bottles? | | Yes 🗌 | No 🗆 | Not Present 🗹 | |
| 2. Is Chain of C | Custody compl | ete? | | Yes 🗹 | No 🗆 | Not Present | |
| 3. How was the | e sample delive | ered? | | Courier | | | |
| <u>Log In</u> | | | | | | | |
| 4. Was an atte | empt made to o | cool the samples? | | Yes 🗹 | No 🗆 | na 🗆 | |
| 5. Were all sar | mples received | at a temperature | of >0° C to 6.0°C | Yes 🗹 | . No 🗆 | NA 🗆 | |
| 6. Sample(s) in | n proper conta | iner(s)? | | Yes 🗹 | No 🗆 | | |
| 7. Sufficient sa | mple volume f | or indicated test(s | s)? | Yes 🗸 | No 🗆 | | |
| | • | and ONG) proper | | Yes 🗹 | No 🗆 | | |
| 9, Was presen | ative added to | bottles? | | Yes 🗌 | No 🗹 | NA 🗆 | |
| 10.VOA vials ha | ave zero heads | space? | | Yes 🗌 | No 🗆 | No VOA Vials 🗹 | |
| 11. Were any sa | ample contains | ers received broke | en? | Yes | No 🗹 | # of preserved | |
| 12.Does paper | work match bol pancies on cha | | | Yes 🔽 | No 🗆 | bottles checked for pH: | or >12 unless noted) |
| 13. Are matrices | correctly iden | tified on Chain of | Custody? | Yes 🗹 | No 🗌 | Adjusted? | |
| 14, Is it clear wh | at analyses w | ere requested? | | Yes 🗹 | No 🗆 | | |
| 15. Were all hole (If no, notify | ding times able customer for a | | | Yes 🗹 | No □ | Checked by: | |
| Special Hand | lling (if app | <u>licable)</u> | | | | | |
| 16. Was client n | otified of all dis | screpancies with t | his order? | Yes 🗆 | No 🗆 | NA 🗹 | |
| Persor | n Notified: | | Date | - Tell want have a file | | | : |
| By Wh | iom: | | Via: | eMail 🔲 | Phone 🔲 Fax | ☐ In Person | · |
| Regard | ding: | | | | | | |
| Client | Instructions: | | | | | | |
| 17. Additional re | emarks: | | | | | | |
| 18. Cooler Info Cooler No | 1 | Condition Se | | Seal Date | Signed By | | |
| Page 1 o | f 1 | • | | | | em significant | |

| Client: EOG Y Resources, Inc. X Standard Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Name: Project Name: | M 88210 Project Name: Compromise SWD Project Name: Compromise SWD Project Name: Compromise SWD Project Manager: Chase Settle On Ice: Sampler: Compromise SWD Sampler: Chase Settle On Ice: X Yes I No Sample Temperature: 5. 9 Type and # Type Type 1 - 4oz. None | ## No |
|--|--|--|
| Project Name: Compromise SND#1 Project Hame: Compromise SND#1 Project Hame: Proj | Street Artesia. NM 88210 Street Artesia. NM 88210 Street Artesia. NM 88210 Street Artesia. NM 88210 Froject #: Compromise SWD Street Artesia. NM 88210 Froject #: Chase Settle On Joe: Sample: Container Type and # Type Type Type and # Type Type and # Type Type Type and # Type Type and # Type Type Type Artesia. None | # 16 |
| Address: Uth 4th Street Artesia, NM 88210 Uth 4th Street Artesia, NM 88210 Hoject #: Ender Chasse Settle@eooraceources.com App Conter App Conter | Street Artesia, NM 88210 Street Artesia, NM 88210 Street Artesia, NM 88210 Street Artesia, NM 88210 Chase Settle Chase Settle Chase Settle Chase Settle On loe: RYES Elle On loe: RYES Elle Container Type and # Type Type and # Type Type and # Type | 105942 Wo HEAL No. 3 WO WIBE + TMB's (8021) |
| ## 575-703-8537 ## 575-703-8537 Factorial Chase Settle@coaresources.com Project #: Project #: Projec | Street Artesia, NM 88210 575-703-6537 Chase Settle Chase Settle Chase Settle Chase Settle Chase Settle On Ice: X Yes In None Container Preservative Type and # Type Type and # Type Type and # Type | 105948 + TMB's (8021) |
| Fayer Chase Settle@eogresources com | Chase Settle@eogresources.com Chase Settle Chase Settle Chase Settle Contoc: X Ves Chase Settle Contoc: X Ves Chase Settle Container Chase Settle Contoc: X Ves Chase Settle Contoc: X | ### A MER HAND OF THE HAND OF |
| Flayer Chase Sottle@coursescom | Chase Settle@eogresources.com Project Manager: Chase Settle Chase Settle Chase Settle On Ice: XYes I No Sampler: Chase Settle On Ice: XYes I No Sample Request ID Type and # Type Type Type and # Type Type | ### PROPERTY OF THE CONTROL OF THE C |
| Contact Chase Settle Chase Set | Chase Settle Chase Settle Chase Settle Cother Matrix Sample Request ID Soil So | ### A PRINCE OF THE STORY OF TH |
| Container Chase Settle Chase S | Soil Sample Request ID Type and # Type | ### A PRE + TMB's (8 ### B PREX + MTBE + TMB's (8 ### B PREX + MTBE + TPH (Ga ### TPH (Method 80168 (Cas/ ### TPH (Method 418.1) ### TPH (Method 418.1) ### TPH (Method 418.1) ### TPH (Ga ### T |
| Time Sampler Chase Settle Chase Sampler Chase Settle Chase Sampler Chase | Sample Temperature: Sample Temperature: Sample Request ID Soil Soil Soil S1-14' 1-4oz. None | ### PATER + TMB' & PTEX + MTBE |
| Time Matrix Sample Request ID Container Preservative HEAL No. 3 S1-14" 1.40z. None O.0.) HEAL No. 3 S1-14" 1.40z. None O.0.) HTEX + MITBLE + T H | Soil S1-14' On loe: SY Yes El No Sample Temperature: 5. Call Container Preservative Type and # Type / 17 | ### ### ############################## |
| Time Matrix Sample Request ID Type and # Type TeAL No. 3 HEAL No. 3 HEAL No. 3 HEAL No. 4 HEAL No. 4 HEAL No. 5 H | Matrix Sample Request ID Container Preservative Type and # Type 7, Soil S1-14" 1-4oz. None | HTEX + MTBE BITEX + MTBE BITEX + MTBE TPH Method 80 TPH Method 60 BITEX + MTBE TPH Method 60 BITEX + MTBE TPH Method 60 BITEX + MTBE WANGE OF PRESENCE O |
| Time: Relinquished by: Time: Relinquished by: Received by: | Time Matrix Sample Request ID Container Preservative Type and # Type 178 1-40z. None | ### A PROPERTY OF THE ACT OF THE |
| 9:30A Soil S1-14' 1-40z. None | Soil S1-14' 1-4oz. None | 100 · |
| Time: Relinquished by: Received by: Received by: Received by: Received by: Date Time Time: Relinquished by: Date Time | | |
| Time: Relinquished by: Received by: Received by: Received by: Date Time COVIDITION Time: Relinquished by: Date Time | | |
| Time: Reinquished by: Received by: Received by: Received by: Date Time Selinquished by: Reinquished by: | | |
| Time: Relinquished by: ### Received by: ### Received by: ### Received by: ### Received by: ### Time: Relinquished by: ### Time: Relinquished by: #### Date Time | | |
| Time: Relinquished by: ### Received by: ################################### | | |
| Time: Relinquished by: Received by: Date Time ### Convectors Figure Federal Street Federal Street | | |
| Time: Relinquished by: Filme: Relinquished by: Date Time | | |
| Time: Relinquished by: 9:30 6:30 Federived by: Received by: Received by: Received by: Received by: Date Time | | |
| Time: Relinquished by: Received by: Date Time Company Compa | | |
| Time: Relinquished by: Received by: Received by: Received by: Received by: Received by: Received by: Date Time | | |
| Time: Relinquished by: Figure Federal By: Federal B | | |
| Time: Relinquished by: Received by: Date Time Time: Relinquished by: Date Time Time: Relinquished by: Date Time T | | |
| Time: Reinquished by: Received by: Date Time | Time: Relinquished by: Date | Time Toll |
| | Time: Relinquished by: | Date Time |



May 23, 2017

Chase Settle
EOG Resources
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111

FAX

RE: Compromise SWD 1

OrderNo.: 1705942

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/16/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

Only

4901 Hawkins NE

Lab Order 1705942

Date Reported: 5/23/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Lab ID:

Project: Compromise SWD 1

1705942-001

Client Sample ID: S2-8'

Collection Date: 5/8/2017 12:14:00 PM

Received Date: 5/16/2017 9:35:00 AM

| Analyses | Result | PQL Qu | al Units | DF | Date Analyzed | Batch |
|--------------------------|--------|--------|----------|----|---------------------|-----------------|
| EPA METHOD 300.0: ANIONS | | | | | Anal | yst: LGT |
| Chloride | 860 | 30 | mg/Kg | 20 | 5/19/2017 3:43:21 P | M 31842 |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 2
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1705942 23-May-17

Client:

EOG Resources

Project:

Compromise SWD 1

Sample ID MB-31842

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 31842

RunNo: 42953

Prep Date: 5/19/2017

Analysis Date: 5/19/2017

PQL

SeqNo: 1351558

Units: mg/Kg

SPK value SPK Ref Val %REC LowLimit

HighLimit

RPDLimit

Qual

Analyte Chloride

ND 1.5

Result

Sample ID LCS-31842

Prep Date: 5/19/2017

SampType: LCS

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Batch ID: 31842 Analysis Date: 5/19/2017 RunNo: 42953

Units: mg/Kg

SeqNo: 1351559

%RPD **RPDLimit**

%RPD

Analyte

Result

95.3

HighLimit

1.5

90 110

Qual

Chloride

15.00

0

SPK value SPK Ref Val %REC LowLimit

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded Н

% Recovery outside of range due to dilution or matrix

ND Not Detected at the Reporting Limit

RPD outside accepted recovery limits R

Analyte detected in the associated Method Blank

J

Е Value above quantitation range

Analyte detected below quantitation limits

Page 2 of 2

P Sample pH Not In Range

Reporting Detection Limit RL

Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Sample Log-In Check List

| Client Name: EOG/Yates | Work Order Number | 1705942 | | RcptNo: | 1 |
|--|--|--------------------------|----------------|---|---------------------|
| Received By: Erin Melendrez | 5/16/2017 9:35:00 AM | | war | इं | |
| Completed By: Ashley Gallegos | 5/18/2017 7:44:07 AM | | LUL AZ | | |
| Reviewed By: SPC 05/13 | 8/17 | | . (| | |
| Chain of Custody | | | | | |
| 1. Custody seals intact on sample bottles? | | Yes 🗌 | No 🗆 | Not Present 🗹 | |
| 2. Is Chain of Custody complete? | | Yes 🗹 | No 🗌 | Not Present | |
| 3. How was the sample delivered? | | Courier | | | |
| <u>Log In</u> | | | | | |
| 4. Was an attempt made to cool the sample | es? | Yes 🗹 | No 🗆 | na 🗆 | |
| 5. Were all samples received at a temperate | ure of >0° C to 6.0°C | Yes 🗹 | No 🗆 | NA 🗆 | |
| 6. Sample(s) in proper container(s)? | | Yes 🗹 | No 🗆 | | |
| 7. Sufficient sample volume for indicated tes | st(s)? | Yes 🗹 | No 🗆 | | |
| 8. Are samples (except VOA and ONG) proj | perly preserved? | Yes 🗹 | No 🗆 | | |
| 9. Was preservative added to bottles? | | Yes 🗌 | No 🗹 | NA 🗆 | |
| 10.VOA vials have zero headspace? | | Yes 🗌 | No 🗆 | No VOA Vials 🗹 | |
| 11. Were any sample containers received bro | oken? | Yes 🗆 | No 🗹 | # of preserved | |
| 40.5 | | 🗖 | 🗖 | bottles checked | |
| 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | | Yes 🗹 | No L | for pH: (<2 o | r >12 unless noted) |
| 13. Are matrices correctly identified on Chain | of Custody? | Yes 🗹 | No 🗆 | Adjusted? | |
| 14. Is it clear what analyses were requested? | | Yes 🗹 | No 🗆 | | |
| 15. Were all holding times able to be met? (If no, notify customer for authorization.) | | Yes 🗹 | No 🗆 | Checked by: | |
| Special Handling (if applicable) | | | | | |
| 16. Was client notified of all discrepancies will | th this order? | Yes 🗌 | No 🗆 | NA 🗹 | |
| Person Notified: | Date | **** | | | • |
| By Whom: | Via: [| eMail _ |] Phone [] Fax | ☐ In Person | |
| Regarding: | | CURLO UM VILLA DA SA VAL | | | |
| Client Instructions: | ALIEN SALIKA ALIEN SALIKA ALIEN SALIKA S | | | COST DOMEST WALLAND COMMAND AND A SHAPE | |
| 17. Additional remarks: | | | | | |
| 18. Cooler Information | | | | | |
| Cooler No Temp °C Condition | | Seal Date | Signed By | | |
| 1 :5.9 Good \ | 'es | | | | |

| Client | J | hain | -of-Cu | Chain-of-Custody Record | Turn-Around Time: | Тіте: | | | | | | CL | 6 | | |
|--|--------------------|------------------|--|--|---------------------------|--|-----------------------|----------------|--|------------|-----------|---|-----------------|-----------|-----|
| Project Name | Client: | EOG Y | Resource | s, Inc. | X Standa | 2 | | | | ANA | LYS | IS L | 5 8 | PRATO | ORY |
| ## 4th Street Artesia. NM 88210 | | estate contract | The second secon | | Project Name | 4 | | | | www. | allenvir | onmenta | al.con | | |
| ### 4th Street Artesia, NM 88210 | Mailing | Address | ж | | Local Community Community | Compromise | SWD #1 | 49 | 01 Hav | kins NE | - Albu | dneudne | Σ | 37109 | |
| Fax#: Chase Settle@eogresources.com | 105 So | oth 4th S | Street Arte | sia, NM 88210 | Project #: | | | ř | el. 505- | 345-397 | 5 Fe | x 505-3 | 454 | 07 | |
| Frankfin Chase Settle Chase Sett | Phone | # | 575-703- | 6537 | | Batter | y | | | | Analys | is Requ | est | | |
| Chase Settle | email o | r Fax#: | Chase S | ettle@eogresources.com | Project Mana | l i | | | (jəs | | | - | | | 333 |
| Time Matrix Sample Request D Container Preservative Preservative | QA/QC □ Stan | Package: dard | | □ Level 4 (Full Validation) | | Chase Settle PO # 205, 07 | 750 | | eelO\aa | 207 | | F (125-24) | | | |
| Time Matrix Sample Request D Container Preservative HEAL No. Time Matrix Sample Request D Container Preservative HEAL No. Time Time Heal No. Time | Accred | itation: AP | **** | 9.54 | Sampler: | Chase Settle | | V2 (1824) | 18-11-50 | (1/5) | | - X31 45 - X (F) | 10 | 15 | |
| Time Mairix Sample Request ID Type and # Type Type | O EDC | (Type) | 1 1 | | Sample Tem | 1000 | 3 | | - Dulate |)9 P | ala) | 2 134 (4 17) | Children | 1/3 A | |
| 12:14P Soil \$2-8' 1-402. None OOI | Date | Тіте | - | Sample Request ID | Container Type and # | Preservative Type | 是是是是是是 | | CALL CONTRACTOR OF THE PARTY OF | EDB (Wetho | ьм в Аяря | STATISTICS OF THE PARTY OF THE | I CHINGS OF THE | unau/vise | |
| Time: Relinquished by: Received by: Received by: Received by: Received by: Bate Time Date Time | C+00000 | 12-4AD | Coil | .8-Z5-8, | 1 - 402 | None | 100- | | | | | X | | | |
| Time: Relinquished by: Received by: Date Time Remarks: | | | | | | | | | | | | | | | |
| Time: Relinquished by: 9.30 Received by: Received by: Date Time Remarks: | * Vanaga visit les | | | The state of the s | | | | | 2 2 | | | | | | |
| Time: Relinquished by: 9.30 Filter: Relinquished by: Contact Contact | | | | The control of the co | | | | | | | | | | | |
| Time: Relinquished by: 9.30 Fine: Relinquished by: Received by: Received by: Received by: Date Time Date Time | | | | | | | | | | | | | | | |
| Time: Relinquished by: 9.30 Fine: Relinquished by: 6.30 7.10 | | | | | | | | | | | | | - | | |
| Time: Relinquished by: 9.30 Fine: Relinquished by: Received by: Received by: Received by: Received by: Received by: Received by: | | | | | | | | | | | | | | | |
| Time: Relinquished by: 9.30 Fine: Relinquished by: Received by: Received by: Received by: Date Time | | | | | | | | | | | | | - | | |
| Time: Relinquished by: 9.30 | | | | The second secon | | | | | | | | | | | |
| Time: Relinquished by: Received by: | | | | | | | | | | | | | | | |
| Time: Relinquished by: 4.3c | | | | | | | | | | | | | | | |
| Time: Relinquished by: Received by: Date Time | 5.15-17 | | Relinquish | i.kq pe | Received by: | 1) | Date Time (5/16/17(3) | Remark 7935 | in | ults nee | led by N | /lay 23, 2 | 2017. | | |
| | Date: | | Relinquish | od by: | Received by: | Control of the Contro | Date Time | | | | | | | | |
| | | | | | | | | | | | | | | | |



May 23, 2017

Chase Settle
EOG Resources
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111

FAX

RE: Compromise SWD 1

OrderNo.: 1705940

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/16/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Lab Order 1705940

Date Reported: 5/23/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Client Sample ID: S2-10'

Project:

Compromise SWD 1

Collection Date: 5/8/2017 12:19:00 PM

Lab ID: 1705940-001 Matrix: SOIL

Received Date: 5/16/2017 9:35:00 AM

| Analyses | Result | PQL Qua | ıl Units | DF Date Analyzed | Batch |
|--------------------------|--------|---------|----------|------------------------|------------------|
| EPA METHOD 300.0: ANIONS | | | | Ana | lyst: LGT |
| Chloride | 1000 | 30 | mg/Kg | 20 5/19/2017 2:53:43 F | M 31842 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 2 J
- Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1705940

23-May-17

Client:

EOG Resources

Project:

Compromise SWD 1

Sample ID MB-31842 SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 31842

RunNo: 42953

Prep Date:

5/19/2017

Analysis Date: 5/19/2017

SeqNo: 1351558

Units: mg/Kg

RPDLimit

Qual

Analyte Chloride

Result

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD

ND

PQL

SampType: LCS

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Sample ID LCS-31842

Batch ID: 31842

PQL

1.5

RunNo: 42953

Units: mg/Kg

Prep Date:

5/19/2017

Analysis Date: 5/19/2017

SeqNo: 1351559 SPK value SPK Ref Val

%REC

LowLimit

HighLimit %RPD **RPDLimit**

Qual

Result

0

95.3

90

110

Analyte Chloride

14

15.00

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Η Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix В Analyte detected in the associated Method Blank

Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

Reporting Detection Limit

Sample container temperature is out of limit as specified

Page 2 of 2



Sample Log-In Check List

| Client Name: | EOG/Yates | Work Order Numbe | r: 1705940 | | RcptNo: | 1 |
|------------------------------------|--|--------------------------|--|---------------------------------------|-----------------------------------|----------------------|
| Received By: | Erin Melendrez | 5/16/2017 9:35:00 AM | Λ | LUL. | - | |
| Completed By: | Ashley Gallegos | 5/18/2017 7:40:02 AM | A | A | | |
| Reviewed By: | SPC 05/1 | | | · · · · · · · · · · · · · · · · · · · | | |
| Chain of Cus | stody | | | | | |
| 1. Custody sea | als intact on sample bottles | ? | Yes 🗌 | No □ | Not Present 🗹 | |
| 2. Is Chain of | Custody complete? | | Yes 🗹 | No 🗆 | Not Present 🗌 | |
| 3. How was the | e sample delivered? | | Courier | | | |
| <u>Log In</u> | | | | | | |
| 4. Was an atte | empt made to cool the sam | ples? | Yes 🗹 | No 🗆 | na 🗆 | |
| 5. Were all sa | mples received at a temper | rature of >0° C to 6.0°C | Yes 🗹 | No 🗆 | na 🗆 | |
| 6. Sample(s) | in proper container(s)? | | Yes 🗹 | No 🗆 | | |
| 7. Sufficient sa | ample volume for indicated | test(s)? | Yes 🗹 | No 🗆 | | |
| 8. Are sample: | s (except VOA and ONG) p | roperly preserved? | Yes 🗹 | No 🗌 | | |
| 9. Was preser | vative added to bottles? | | Yes 🗌 | No 🗹 | NA 🗆 | |
| 10.VOA vials h | ave zero headspace? | | Yes 🗌 | No 🗆 | No VOA Vials 🗹 | |
| 11. Were any s | ample containers received | broken? | Yes 🗆 | No 🗹 🗀 | # of preserved bottles checked | |
| | work match bottle labels? epancies on chain of custoo | ly) | Yes 🗹 | No 🗆 | for pH: | or >12 unless noted) |
| 13. Are matrice | s correctly identified on Ch | ain of Custody? | Yes 🗹 | No 🗆 | Adjusted? | |
| 14. Is it clear w | hat analyses were requeste | ed? | Yes 🗹 | No 🗆 | | |
| | Iding times able to be met? customer for authorization | | Yes 🗹 | No L | Checked by: | |
| Special Hand | dling (if applicable) | | | | | |
| | notified of all discrepancies | with this order? | Yes 🗌 | No □ | NA 🗹 | |
| Perso | n Notified: | Date | C. The standard and and and and and and and and and an | PROTEST BEAUTIFUL PROTECTION | | |
| : By W | hom: | Via: | eMail 🗌 | Phone Fax | ☐ In Person | |
| Regar | rding: | | | | | |
| Client | Instructions: | | | | | •• |
| 17. Additional | remarks: | | | | | |
| 18. <u>Cooler Infe</u> Cooler N | | Seal Intact Seal No | Seal Date | Signed By | l. | |
| 1 | 5.9 Good | Yes | | | | |
| <u>.</u> | · | | | | | |

| Chent EOO Y Resources, Inc. X Standard Project Name: Compromise SVID #1 AMALYSIS LABORATORY | J | hain | 1-of-CL | Chain-of-Custody Record | Turn-Around Time: | Time: | | | | | ĺ | | | | |
|--|------------------|---------------|------------|--|-------------------------|----------------------|------------------------|--|------------|-----------|-----------|--------------------------|------------|-------------|-----|
| State Artesia, NM 88210 | Client | EOG Y | Resource | | X Standa | Į. | | | | ANA | LEN | Y Z | | NMENTA | _ > |
| Mailing Address: Mailing Add | | | | | Project Nam | | | | | WANAW | allenvir | onmen | is a | | 7 |
| Tall Stock Arterion The Project ## Tall Stock Arterion Tall Standard Tall Varieticon Tall Stock Arterion Tall Standard Tall Varieticon Tall Standard Tall Standard Tall Varieticon Tall Standard Tal | Mailing | Addres | S | Control of the contro | | Compromise | SWD #1 | 94 | 901 Haw | kins NE | - Albu | aneran | Ž | W 87109 | |
| Proper ## 575-703-6837 Proper Manager Proper Manager Proper Manager Proper Manager Proper Manager Chase Settle Chas | 105 So | uth 4th S | Street Art | esia, NM 88210 | Project #: | | | i i | el. 505- | 345-397 | it. | x 505- | 345 | 4107 | |
| Contract Chase Sattle Chase Sa | Phone | # | 575-703 | L6537 | | Batter | χ. | | | | Ana | is Req | uest | | |
| Date Time Reference Chase Sette Ch | email | r Fax#: | Chase | Settle@eogresources.com | Project Mans | iger: | | - | 113 | | | Co | | | |
| Date Time Reinquished by: Received by Received by Received by Date Time Reinquished by: Received by Date Time Date Time Reinquished by: Received by Date Time Date Time Received by Date Time Date Time Received by Date Time Date | OAVOC | Package | 0.40 | | | Chase Settle | 1100 | | 177 | | | 10.7.4.5 | | | |
| Date Time Matrix Sampler Chase Settle Sample Temperature Chase Settle Sample Temperature Chase Settle Sample Temperature Chase Settle Sample Temperature Sam | □ Star | ndard | | ☐ Level 4 (Full Validation) | | PO # 205. 0. | 750 | | 41 | | raugh | DE - () | | | |
| Date Time: Relativistic by: Container Contai | Accred | itation: | | | Sampler: | Chase Settle | | | a) 8 | (i | | 111321 | | | |
| Date: Time: Reinquished by: Received by: R | | AP | □ Other | The state of the s | On Ice; | ¥ Yes | ON □ | | G1 | 70 | R | 0.31 | | (∀ | |
| Date: Time Matrix Sample Request ID Container Preservative HEAL No. 1705-940 Bit Type and # Type 1705-940 Bit Type Bit Type 1704 Bit Bit A Matrix Bit Bit A Matrix Bit | O EDE | (Type) | | | Sample Tem | perature: 5- | नेव्ह | | 08 1 | 9 P | sjei | | () | 'ΟΛ | |
| 282317 12:19P Soil S2-10" 1-402. None - 001 | Date | | | Sample Request ID | Container Type and # | Preservative Type | HEAL No. | A STATE OF THE PARTY OF THE PAR | логдам Нат | ойвМ) ООЗ | BM 8 ARDR | CONTRACTOR OF CONTRACTOR | AOV) anasa | -Imo8) 8728 | |
| Date: Time: Relinquished by: S.15-17 4:30 Date: Time: Relinquished by: Date: Time: Relinquish | 5/8/2017 | 12:19P | | \$2-10 | 1-407 | None | 100- | - | | | | , | 7 | | |
| Date: Time: Reinquished by: Received by: Received by: Received by: Received by: Date Time Date Time: Reinquished by: Received by: Received by: Received by: Date Time | | | | | | | | -3 | | | | | | | T |
| Date: Time: Relinquished by: Si5-17 4: 30 Date Times Received by: Re | | | | | | | | | | | | | | | |
| Date: Time: Relinquished by: Received by: Date of times Remarks: Results needed by May 23, 2017. 5/5/7 %: 30 Image: Time: Relinquished by: Received by: Date of times | | | | | | | | | | | | | | | |
| Detc: Time: Relinquished by: S-15-17 4:30 Detc: Time: Relinquished by: Received by: | | | | | 1 | | | | | | | | | | |
| Detc: Time: Reinquished by: Second by: Received by: Received by: Date Times Received by: Received by: Date Times Date Times Received by: Date Times Received by: Date Times Date Times Date Times Date Times Received by: Date Times | | | | | 3 | | | | | | | | | • | |
| Date: Time: Relinquished by: S-15-17 4:30 S-15-17 4:30 Date Times Received by: Received by: Received by: Received by: Date Times Date Times Received by: Date Times Date Times Received by: Date Times | | | | | | | | | | | | | - 9 | | |
| Date: Time: Relinquished by: S.15-17 4: 30 C.15-17 4: 30 Date: Time: Relinquished by: | | | | | | | | | | | | | | | |
| Date: Time: Relinquished by: S.15-17 4:30 Date: Time: Relinquished by: Date: Time: Relinquish | | | | | | | | | | | | | | | |
| Date: Time: Relinquished by: Si 5/7 4:30 Meceived by: Received by: Received by: Received by: Date Time: Relinquished by: Date: Time: Relinquished by: | | | | | | | | | | | | | | | |
| | Date: 5:/5:/7 | Time: 9:30 | Relinquish | y bal | Received by: | | Date TIMESS (55/16/17) | Remark | S: Resi | ults need | ded by N | lay 23, | 2017 | | |
| | Date: | Time: | Relinquish | :d pa: | Received by: | | Date Time | | | | | | | | |
| Nacasasa asamala a shanifladi ta Landa a sana a | | | 1 | Table of the Cart | 10. 10. 10. 10. | | ļ | | | | | | | | |



May 23, 2017

Chase Settle
EOG Resources
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111

FAX

RE: Compromise SWD 1

OrderNo.: 1705941

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/16/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

Indest

4901 Hawkins NE

Lab Order 1705941

Date Reported: 5/23/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Client Sample ID: S2-12'

Project: Compromise SWD 1

Collection Date: 5/8/2017 12:24:00 PM

Lab ID: 1705941-001

Matrix: SOIL

Received Date: 5/16/2017 9:35:00 AM

| Analyses | Result | PQL Qu | al Units | DF | Date Analyzed | Batch |
|--------------------------|--------|--------|----------|----|--------------------|-----------------|
| EPA METHOD 300.0: ANIONS | | | | | Anal | yst: LGT |
| Chloride | 1100 | 75 | mg/Kg | 50 | 5/22/2017 11:46:39 | PM 31842 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 2
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1705941

23-May-17

Client:

EOG Resources

Project:

Compromise SWD 1

Sample ID MB-31842

SampType: MBLK

TestCode: EPA Method 300.0: Anions

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 31842

RunNo: 42953

Prep Date: 5/19/2017 Analysis Date: 5/19/2017

SeqNo: 1351558

Units: mg/Kg

Analyte

Result **PQL** SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD **RPDLimit** Qual

Chloride

ND 1.5

Sample ID LCS-31842

SampType: LCS

RunNo: 42953

Prep Date:

Client ID:

5/19/2017

LCSS

Batch ID: 31842 Analysis Date: 5/19/2017

SeqNo: 1351559

Units: mg/Kg

%RPD

Qual

Analyte

Result

SPK value SPK Ref Val 1.5

95.3

Chloride

14

15.00

%REC

HighLimit 110 **RPDLimit**

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Η Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

Reporting Detection Limit

Е

RL

Sample container temperature is out of limit as specified

Page 2 of 2



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Sample Log-In Check List

EOG/Yates **Client Name:** Work Order Number: 1705941 RcptNo: 1 5/16/2017 9:35:00 AM Received By: Erin Melendrez Completed By: **Ashley Gallegos** 5/18/2017 7:42:50 AM 05/18/17 sre Reviewed By: Chain of Custody No 🗌 Yes 🗍 Not Present 1. Custody seals intact on sample bottles? Yes 🗹 No 🗆 Not Present 2, Is Chain of Custody complete? 3. How was the sample delivered? Courier Log In 4. Was an attempt made to cool the samples? Yes 🗸 No 🗆 NA 🗌 NA 🗆 No 🔲 5. Were all samples received at a temperature of >0° C to 6.0°C Yes 🔽 No 🗆 6. Sample(s) in proper container(s)? Yes 🗹 Yes 🗸 No \square 7. Sufficient sample volume for indicated test(s)? No 🗆 Yes 🗹 8. Are samples (except VOA and ONG) properly preserved? NA 🗆 9. Was preservative added to bottles? Yes No 🗹 Yes 🗌 No 🗌 No VOA Vials 10.VOA vials have zero headspace? Yes 🗆 No V 11. Were any sample containers received broken? # of preserved bottles checked Yes 🗸 No 🗌 for pH: 12. Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) No 🗆 Adjusted? 13. Are matrices correctly identified on Chain of Custody? Yes 🗹 No 🗆 Yes 🗸 14. Is it clear what analyses were requested? No 🗌 Checked by: Yes 🗹 15. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) Yes 🗌 16. Was client notified of all discrepancies with this order? No 🗆 NA 🗸 Person Notified: Date By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date Good Yes

| Client: EOG Y Resources, Inc. X Standard Project Harre: Project Harre: Compromise SVD #1 Project Harre: Project Harre: Compromise SVD #1 Project Harre: Compromise SVD #1 Project Harre: Compromise SVD #1 Project Harre: Project Harre: Compromise SVD #1 Project Harre: Comprom | Client: EOG Y Resources, Inc. Mailing Address: 105 South 4th Street Artesia, NI Phone #: 575-703-6537 email or Fax#: Chase Settle@ | | X Standa | Ъ | | | | 4 | Ū | | 2 | | Z | |
|--|---|--|--|--|--|-----|-----------|------------|---------------------------------------|--------|-------------------|--|-----|-----|
| Solid Soli | Mailing Address: 105 South 4th Street Artesia, NI Phone #: 575-703-6537 email or Fax#: Chase Settle@ | The second secon | The state of the s | | | L | Г | ANA | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | SIL | | ROR | ATO | ZY. |
| State Artesia, NM 88210 | Mailing Address: 105 South 4th Street Artesia, NI Phone #: 575-703-6537 email or Fax#: Chase Settle@ | | Project Name | | | | Ī | WWW. | hallenv | ironme | antal.c | mo | | |
| Soil S2-12 Froject #: | 105 South 4th Street Artesia, NI Phone #: 575-703-6537 email or Fax#: Chase Settle@ | | 4.200 | Compromise 5 | 3WD#1 | 49 | 01 Hav | kins NE | - Ab | ndneu | due, N | IM 8710 | o | |
| Chase Settle@eogresources.com | Phone #: 575-703-6537 email or Fax#: Chase Settle@ | M 88210 | 200 | | | ř | el. 505- | 345-397 | 75 F | ax 50 | 5-345 | 4107 | | |
| Chase Settle@eogresources.com | email or Fax#: Chase Settle@ | | | Batten | | | | | Analy | sis Re | sanba | it | | |
| Chase Settle | SCALE STATE OF STATE | eogresources.com | Project Mana | ger. | | 300 | 1 | | | (°C | | The second secon | | F |
| Dother Samples: Chase Settle Samples: Chase Sett | | of A (Eull Volidation) | | Chase Settle | S | 110 | | | | - A | 5.9De | | | |
| Matrix Sample Request ID Type and # Type Time T | A A | יכו לו חוו מפווחפווסוו) | Sampler | Chace Settle | 3 | | (GS | (| 7 | | 1 287 | | | |
| Matrix Sample Request ID Container Preservative HEALNo. Soil S2-12 1-4oz. None - CO BITEX + MITBE TOP A Missing (NON) TOP A Miss | | | | M Yes | □ No | | 891 | 1 1/0 | - | | 18 / | (6 | | |
| Time Matrix Sample Request D Type and # Type T | | | Sample Temp | 100000 | 30 | | 1.80 | g p | | | 100 | -1-1 | | |
| 12.24P Soil S2-12 | Time Matrix | mple Request ID | Container Type and # | Preservative Type | HEAL NO. | - | odisM H9T | EDB (Metho | | | the community and | \$ | | |
| Time: Refinquished by: ### Received by: #### Control of the Part | | \$2-12 | 1-40Z. | None | 100 - | | | | | × | | _ | | |
| Time: Refinquished by: Received by: Received by: Received by: Received by: Date Time Remarks: CS/ILM/7 @ D33S Time: Refinquished by: Date Time | | | | | | | | | | | - | | | 1 |
| Time: Relinquished by: Received by: Received by: Received by: Remarks: Time: Relinquished by: Date Time Remarks: Time: Relinquished by: Date Time | | | | | A STATE OF THE STA | | | | | | | | | |
| Time: Relinquished by: Received by: CEVILUIT @ 0935 | | | | And the second second | | | | | | | | | | |
| Time: Relinquished by: Received by: Receiv | | | | | | | | | | 1 | | | | |
| Time: Relinquished by: Received by: Receiv | | | | | | | | | | | | | | |
| Time: Relinquished by: Received by: Receiv | | | | | | 9 | | | | | | | | 17= |
| Time: Relinquished by: Fine: Received by: Fine: Remarks: Fine: Remarks: Time: Relinquished by: Received by: Date Time | | | | | * | 1 = | 1 i | | 7 - 0 | | | i vene | | |
| Time: Relinquished by: Received | | | | | | | | | | | | | | |
| Time: Relinquished by: Received | | | | | | | - | | (- | | 1 | | | |
| Time: Relinquished by: Received by: Received by: Received by: Received by: Received by: Received by: Received by: Received by: Received by: | | | | | | | | | | | | | | |
| Time: Relinquished by: Date | Time: 9:33 | \\ | Received by: | 1 | Time 0/17 | - | s: Res | ults nee | ded by | May 2 | 23, 201 | .21 | | |
| | Time: | The second secon | Received by: | and the second s | ANY TO TO | VC | | | | | | | | |



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 23, 2017

Chase Settle
EOG Resources
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111

FAX

RE: Compromise SWD 1

OrderNo.: 1705947

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/16/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

Only

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 1705947

Date Reported: 5/23/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Client Sample ID: S2-14'

Project:

Compromise SWD 1

Collection Date: 5/8/2017 12:30:00 PM

1705947-001 Lab ID:

Matrix: SOIL

Received Date: 5/16/2017 9:35:00 AM

| Analyses | Result | PQL Qu | al Units | DF | Date Analyzed | Batch |
|--------------------------|--------|--------|----------|----|----------------------|-----------------|
| EPA METHOD 300.0: ANIONS | | | | | Analy | /st: LGT |
| Chloride | 1600 | 75 | mg/Kg | 50 | 5/23/2017 1:01:07 Al | M 31842 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Η Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 2 J
- P Sample pH Not In Range
- Reporting Detection Limit
- Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1705947

23-May-17

Client:

EOG Resources

Project:

Compromise SWD 1

Sample ID MB-31842

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: 31842

RunNo: 42953

Prep Date: 5/19/2017

Sample ID LCS-31842

Analysis Date: 5/19/2017

SeqNo: 1351558

Units: mg/Kg

HighLimit

Analyte

Result **PQL**

SPK value SPK Ref Val %REC LowLimit

%RPD

RPDLimit

Qual

Chloride

ND 1.5

SampType: LCS

TestCode: EPA Method 300.0: Anions

RunNo: 42953

Prep Date: 5/19/2017

Client ID:

LCSS

Batch ID: 31842 Analysis Date: 5/19/2017

SeqNo: 1351559

Units: mg/Kg

%RPD **RPDLimit**

Analyte

Result

PQL SPK value SPK Ref Val

15.00

%REC 95.3

LowLimit

HighLimit

Qual

Chloride

14

1.5

110

90

Qualifiers:

ND

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Η
- Not Detected at the Reporting Limit R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- Value above quantitation range

Reporting Detection Limit

- J Analyte detected below quantitation limits

Page 2 of 2

- P Sample pH Not In Range
- Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

| Client Name: EOG/Yates | Work Order Number: | 1705947 | | RcptNo | 1 |
|--|--|--------------------------|--|--|----------------------|
| Received By: Erin Melendrez | 5/16/2017 9:35:00 AM | | unc | - | |
| Completed By: Ashley Gallegos | 5/18/2017 7:51:28 AM | | UNG. | | |
| Reviewed By: SIZC 05/18 | | | · () | | |
| Chain of Custody | | | | | |
| 1. Custody seals intact on sample bottles? | | Yes 🗌 | No 🗆 | Not Present 🗹 | |
| 2. Is Chain of Custody complete? | | Yes 🔽 | No 🗆 | Not Present 🗌 | |
| 3. How was the sample delivered? | | Courier | | | |
| <u>Log In</u> | | | | | |
| 4. Was an attempt made to cool the samples | ? | Yes 🗹 | No 🗆 | NA 🗆 | |
| 5. Were all samples received at a temperatur | e of >0° C to 6.0°C | Yes 🗹 | No 🗆 | NA 🗆 | |
| 6. Sample(s) in proper container(s)? | | Yes 🗹 | No 🗆 | | |
| 7. Sufficient sample volume for indicated test | (s)? | Yes 🗹 | No 🗆 | | |
| 8. Are samples (except VOA and ONG) prope | erly preserved? | Yes 🗸 | No 🗆 | | |
| 9. Was preservative added to bottles? | | Yes 🗌 | No 🗹 | NA 🗆 | |
| 10.VOA vials have zero headspace? | | Yes 🗌 | No 🗆 | No VOA Vials 🗹 | |
| 11. Were any sample containers received broken | ken? | Yes 🗆 | No 🗹 . | # of preserved bottles checked | |
| 12.Does paperwork match bottle labels? (Note discrepancies on chain of custody) | | Yes 🔽 | No 🗆 | for pH: | or >12 unless noted) |
| 13. Are matrices correctly identified on Chain of | of Custody? | Yes 🗸 | No 🗌 | Adjusted? | |
| 14. Is it clear what analyses were requested? | | Yes 🗹 | No 🔲 | | |
| 15. Were all holding times able to be met? (If no, notify customer for authorization.) | | Yes 🗹 | No 🗌 | Checked by: | |
| Special Handling (if applicable) | | | | | |
| 16. Was client notified of all discrepancies with | this order? | Yes 🗌 | No 🗆 | NA 🗹 | |
| Person Notified: | Date | | THE STATE OF THE S | , , , , , , , , , , , , , , , , , , , | |
| By Whom: | Via: [| eMail 🗌 | Phone 🔲 Fax | ☐ In Person | |
| Regarding: | der der flest i der gereichtig der eine der der der der der der der der der de | The Property of the Land | The state of the s | A STATE OF THE PARTY OF THE PAR | : : |
| Client Instructions: | | | | | |
| 17. Additional remarks: | | | | | |
| 18. Cooler Information Cooler No Temp °C Condition S 1 5.9 Good Ye | | Seal Date | Signed By | | |

| Client | ٠ | | 5 | Bloom (boson in the | The state of the s | | | | | | | | | |
|--|----------------|--|--------------|-----------------------------|--|--|---------------|---------------|-----------------|------------------|-----------------|--------------------|--------|--------|
| Project Name: Project Name | Client | EOG Y | Resourc | es, Inc. | X Standa | 2 | | | - C | NAL | YSTS | 2 0 | ROF | PATORY |
| Address: | | 1 | | | Project Nam | ài | | | | www.ha | lenviron | mental | COM | |
| ## 4th Street Artesia, NM 88210 ## 575-703-6537 Fearth: Chase SettleGeogresources.com Project #: Package: Chase SettleGeogresources.com Project Manager: Chase Settle dard | Mailing | Addres | 2.5 | | | Compromise | SWD #1 | 490- | 1 Hawki | IS NE . | Albuqu | ergue, | NM 871 | 60 |
| Fax#: Chase Settle@locgresources.com | 105 So | uth 4th \$ | Street An | tesia, NM 88210 | Project #: | Address of the Control of the Contro | | Tel | 505-34 | 5-3975 | - Æ | 505-34 | 5-4107 | |
| The contract of the contract | Phone | # | 575-703 | 3-6537 | | Batte | ý | | | 4 | nalysis | Reque | st | |
| Chase Sette | email o | r Fax#: | Chase | Settle@eogresources.com | Project Mana | 118- | | (γ)1 | ((6) | to the second | (*(| | | |
| Contained Full Validation Po# 206, 0750 Evel 4 (Full Validation) Po# 206, 0750 Evel 4 (Full Validation) Sample: Chase Settle | OWOC | Package | | | 4 | Chase Settle | 100 | 10 S | eiu. | |)S'° | 5,El(| | |
| Time Refinquished by: Received by: Refinquished by: Refinqui | □ Star | idard | Differential | ☐ Level 4 (Full Validation) | The state of the s | PO # 205.0 | 750 | 6D) | /589 | | OH, |) HC | | |
| Time: Relinquished by: Received by: Reference by: Re | Accred | itation: | | | Sampler: | Chase Settle | | На | 1/3 | 1 | 4O ³ | Z808 | | |
| Time Matrix Sample Request ID Type and # Type TOSS47 TPH Method 80 TPH Met | O NEL | AP | 200 | 1 | On Ice: | | difference of | 1+ | -1.30 | 100 | | 87 | (V | |
| Time Matrix Sample Request ID Type and # Type TOSO47 TPH Method BTEX + MI BTEX + MI TIME TTME TT | O EDC | (Type) | | | Sample Tem | | 700 | 38 | COLUMN | | | - | | |
| 12:30P Soil 32-14* 1-402. None — -CO(| Date | | 1 | | Container Type and # | Preservative Type | - | TM + X∃T8 | C DOSCINA DINES | Zarate (Sec. 11) | | 2525 February 2008 | | |
| Time: Relinquished by: #:30 Received by: | 5/8/2017 | 12:30P | | S2-14" | 1-402. | None | 100- | | | | × | | 100 M | |
| Time: Relinquished by: #:30 #:30 Milestrate Maceived by: | | The same of the sa | | | | | | | | | | | 77 | |
| Time: Relinquished by: A:30 Time: Refinquished by: Received by: Date Time Time: Refinquished by: Date Time | | | | | | | | | | | - | | | |
| Time: Relinquished by: #:30 Seceived by: Faceived by: Facei | /4:t | | | | | | | | | | | | 1 | |
| Time: Relinquished by: #:30 #:30 Figure: Relinquished by: Figure: | 17 | | | | | | | | | | | | | |
| Time: Relinquished by: #:30 Figure: Relinquished by: | | | | | | | | | | | X | | - | |
| Time: Relinquished by: #:30 Figure: Relinquished by: Date Time Date Ti | | | | | | | , | | | | 9 | | i i | |
| Time: Relinquished by: #:30 | -11 -11 | | | | | | | | - | | | | | |
| Time: Relinquished by: Received by: Date Time | | | 1 | | | | | | | | × | | | |
| Time: Relinquished by: Received by: Date Time | | | | | | | | | | | | | | |
| Time: Relinquished by: | Date: 5'-15-17 | The second line of the least of | | thed by: | Received by: | | 100 | Remarks: | Result | s neede | d by May | y 23, 2 | 017. | |
| | Date: | Time: | Relinquis | shed by: | Received by: | | Date Time | | | | | | | |



September 26, 2017

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

RE: COMPROMISE

Enclosed are the results of analyses for samples received by the laboratory on 09/20/17 16:14.

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keens

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:

09/20/2017

Reported:

09/26/2017

Project Name:

COMPROMISE

Project Number:

SWD

Project Location:

NOT GIVEN

80.0

Result

128

Result

384

576

Sampling Date:

09/19/2017

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By:

Tamara Oldaker

Sample ID: BKSE- 1' (H702559-01)

Chloride, SM4500CI-B

Chloride

Chloride

Chloride

Chloride

mg/kg

Analyzed By: AC

Analyte

Result Reporting Limit

16.0

Reporting Limit

16.0

16.0

16.0

Analyzed 09/23/2017

Analyzed

09/23/2017

09/23/2017

Method Blank ND

Method Blank

ND

BS % Recovery

True Value QC 400

RPD 0.00

Qualifier

Sample ID: BKSE- 3' (H702559-02)

Chloride, SM4500Cl-B

Analyte

Analyte

mg/kg

Analyzed By: AC

alyzed By: AC

BS

432

432

% Recovery

108

108

True Value QC

400

RPD Qualifier

,

Sample ID: BKSE- 5' (H702559-03)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Reporting Limit Analyzed

Method Blank

ND

Method Blank

ND

BS 432 % Recovery

True Value QC

400

RPD 0.00

0.00

Qualifier

Qualifier

Sample ID: BKSE- 7' (H702559-04)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Analyte Result Reporting Limit

Analyzed

09/23/2017

BS 432 % Recovery 108 True Value QC 400 RPD 0.00

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 varied 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.

Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 5



Analytical Results For:

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

Received:

09/20/2017

Reported:

09/26/2017

Project Name:

COMPROMISE

Project Number: Project Location:

SWD

NOT GIVEN

Sampling Date:

Sampling Type:

Sc

Sampling Condition:

** (See Notes)

09/19/2017

Sample Received By:

Tamara Oldaker

Sample ID: BKSE- 9' (H702559-05)

| Chloride, SM4500Cl-B | mg | /kg | Analyzed By: AC | | | | | | |
|---------------------------|------------------------|-----------------|-----------------|----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 720 | 16.0 | 09/23/2017 | ND | 432 | 108 | 400 | 0.00 | |
| | | | | | | | | | |
| Sample ID: BKSE- 11' (H7 | 02559-06) | | | | | | | | |
| Chloride, SM4500CI-B | nloride, SM4500CI-B mg | | | nalyzed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 720 | 16.0 | 09/25/2017 | ND | 416 | 104 | 400 | 3.77 | QM-07 |
| | | | | | | | | | |
| Sample ID: BKSE- 13' (H7 | 02559-07) | | | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1220 | 16.0 | 09/25/2017 | ND | 416 | 104 | 400 | 3.77 | |
| | | | | | | | | | |
| Sample ID: BKSE- 14.5' (H | 702559-08) | | | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1120 | 16.0 | 09/25/2017 | ND | 416 | 104 | 400 | 3.77 | |

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 subclidaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Notes and Definitions

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene

Relinquished by: Relinquished by: Relinquished by: Special Instructions: (lab use only) ORDER #: H 702550 LAB # (lab use only) 5 BKSE-9' BKSE-11' 7 BKSE-13' BKSE-7' BKSE-14.5' BKSE-3 BKSE-1' BKSE-5' Sampler Signature: Telephone No: City/State/Zip: Company Address: 105 South 4th Street Project Manager: Company Name 101 East Marland, Hobbs, NM 88240 ARDINAL LABORATORIES FIELD CODE 575-748-4171 Artesia, NM 88210 EOG Y Resources, Inc. Chase Settle Date Date Date 14.5 7 3 ဖွ 7 Q ω -**Beginning Depth** Time ime Ime 14.5 13 7 Õ Q ω -**Ending Depth** Received by: Received by ELOT: Received by: 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 (505) 393-2326 FAX (505) 393-2476 Date Sampled 11:38 AM 11:34 AM 2:41 PM 2:30 PM 2:22 PM 2:15 PM 2:07 PM 2:00 PM Time Sampled Fax No: e-mail: Field Filtered _ _ Total #. of Containers chase settle@eogresources.com 575-748-4131 Ice HNO₃ HCI H₂SO₄ CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST NaOH Na2S2O3 0 × × × × × × × × None 120 Date Other (Specify) DW=Drinking Water SL=Sludge S S S S S S S S GW = Groundwater S=Soil/Solid Report Format: 十二十 NP=Non-Potable Specify Other Project Name: Time lime Project Loc: TPH: 418.1 8015M 8015E Project #: TPH: TX 1005 TX 1006 PO #: 205-0750 Sample Hand Delivered by Sampler/Client Rep. ? by Courier? UPS DHL Temperature Upon Receipt: dS./'C Custody seals on cooler(s) Labels on container(s)
Custody seals on container(s) Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace? Cations (Ca, Mg, Na, K) x Standard Anions (CI, SO4, Alkalinity) TCLP: SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Se Analyze For: Volatiles Semivolatiles Compromise TRRP BTEX 8021B/5030 or BTEX 8260 RCI N.O.R.M. SWD SWD FedEx Lone Star × × × × × × Chlorides × **~~~~~~** SAR NPDES ZZZZZZ RUSH TAT (Pre-Schedule) 24, 48, 72 hrs × Standard TAT Page 5 of 5



Appendix CForm C-141 Initial

NM OIL CONSERVATION

ARTESIA DISTRICT

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

MAY 1 5 2017

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit Capy to appropriate District Office in Appropriate With 19,15.29 NMAC.

| | | | ease | Notific | atio | on and Corrective Action | | | | | | | |
|--|---------------------------------------|-----------------|--------------------------|----------------------|--------------|--------------------------|---|---------------------|---|----------------|---------------|---------------------------|---------------|
| NABIT | 11373 | 3931 | | | | | | | | | | nal Report | |
| Name of Co | ompany | | | Arr | -05 | | Contact | | Mov | | | | |
| EOG Y Resources, Inc. 25575 Address | | | | | | | Chase Settle Telephone l | | New forms can be found in the | | | | |
| 104 S. 4th S | treet | | | | | | 575-748-14° | | New Mexico State Website in forms: | | | | |
| Facility Nar | | | | | | | Facility Typ | | http://www.emnrd.state.nm.us/ OCD/forms.html | | | | |
| Compromise SWD #1 | | | | | | | SWD Batter | у | | <u>UÇD</u> | 1011115.[[| <u>tmi</u> | ا |
| Surface Owner Mineral Owner | | | | | | | | | | API No | | · | 1 |
| Fee | | | | | Federal | | | | | 30-015 | | | |
| | | 100 | | LOCA | TIO | ON OF RELEASE | | | | | | | |
| | | | | | | | /South Line | Feet from the | East/\ | West Line | County | | |
| н | H 30 18S 27E 1980 | | | | | | North | 800 | 1 | East | Eddy | | |
| L | <u> </u> | <u> </u> | | | | | | 10101116 | | · | <u> </u> | | |
| Latitude 32.72051 Longitude 104.31146 | | | | | | | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | NAT | URE | E OF RELEASE | | | | | | |
| Type of Rele Produced Wa | | ide Oil | | | | | Volume of Release | | | | | 0 | - |
| Source of Re | | ide On | | | | | Date and Hour of Occurrence Date and Hour of Discovery | | | | | | |
| Pump motor | failed, caus | ing a line sepa | aration fro | m pre | ssure | | 05/01/2017; 6:35 p.m. 05/01/2017; 6:35 p.m. | | | | | | |
| Was Immedi | ate Notice (| | Ves T | 7 No | ☐ Not R | eavired | If YES, To Whom? Mike Bratcher, Crystal Weaver - NMOCD District II | | | | | | |
| D 17/40 | · · · · · · · · · · · · · · · · · · · | | 103 |] 140 | | | Date and Hour | | | | | | |
| By Whom? Bob Asher | | | | | | | 05/02/2017 | | | | | | |
| Was a Watercourse Reached? | | | | | | | If YES, Vo | lume Impacting | the Wate | ercourse. | | | |
| ☐ Yes ☒ No If a Watercourse was Impacted, Describe Fully.* | | | | | | | | | | | | | |
| If a Watercon | urse was Im | pacted, Descr | * 70-1- | | | | | | | | | | |
| The motor or | ise of Proof the injection | em and Reme | niak | en.• ure to build | up caus | ing the rubbe | r connection lin | e to separ | ate from the | e steel transf | er line. Va | cuum | |
| truck(s) was | called to ret | rieve standing | roust | about crew | was cal | led to repair d | amaged line. | | | | | | |
| Describe Are | a Affected | and Cleanup | Action Tal | ken.* | manata batta | ad aa. | ntainmant wit | h an additional | 0400 of 7(|)' V 60' | acted from a | verflow or | ıt of the |
| lined souther | st corner. V | ertical and ho | n a nneu a rizontal d | elinea | tion sample | nica coi s HAVI | Hanninghi, Wi | (5/8/2017) beer | atea of 70 i taken an | d analysis i | ran for TPH | & BTEX (| chlorides |
| lined southeast corner. Vertical and horizontal delineation samples HAV for documentation). If initial analytical results for TPH & BTEX are un | | | | | | are und | er RRAL's (s | ite ranking is 20 |) a Final I | Report, C-1 | 41 will be si | ubmitted to |) |
| NMOCD requesting closure. If the analytical results are above the RRA | | | | | | e RRAI | 's a work pla | n will be submi | tted to NA | MOCD. De | epth to Grou | ind Water | : < 50' |
| (approximately 18, Section 30, T18S-R27E per NMOSE), Wellhead RANKING IS 20. | | | | | | uneau i | rrotection At | ea; 140, Distait | ce to Sur | iace water | budy: >100 | JU, SILE | |
| I hereby certify that the information given above is true and complete to | | | | | | lete to t | he best of my | knowledge and | understar | nd that purs | uant to NMC | OCD rules | and |
| regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by t | | | | | | elease n | otifications a | nd perform corr | ective act Penort" d | ions for reli | eases which i | may endan stor of lish | iger ility |
| should their operations have failed to adequately investigate and remedi- | | | | | | emediai | le contaminati | on that pose a ti | reat to gi | ound water | r, surface wa | ter, human | health |
| or the environment. In addition, NMOCD acceptance of a C-141 report federal, state, or local laws and/or regulations. | | | | | | | t does not relieve the operator of responsibility for compliance with any other | | | | | | ner |
| federal, state, | or local lav | ws and/or regu | | | т | | | | | | | | |
| | | | | | | | OIL CONSERVATION DIVISION | | | | | | |
| Signature: | | | | | | | n | | | | | | |
| Drinted Nome | n. Chasa Sa | Hla | | | | | Approved by Environmental Specialist & Semular | | | | | | |
| Printed Name | c. Chase Se | ıuv | | | | -+ | • | 71.61. | 7 | | 7.1 | 1 \ | |
| Title: Safety | & Environn | nental Rep II | | | | | Approval Date | te: 5/1 6 11 | | Expiration | Date: N | 1/1 | |
| E-mail Addre | ess: Chase_ | Settle@eogres | sources.co | m | | | Conditions of | f Approval: | , | Λ | Attached | M | |
| Date: May 1 | 5, 2017 | | Phone | e: 575 | -748-4171 | | 2007 5 | ee at | tack | red | / Kilaonou | ~ | |
| Date: May 15, 2017 Phone: 575-748-4171 Attach Additional Sheets If Necessary | | | | | | | 08P-470 | | | | | | |