



APPROVED NMOCD

By Kristen Lynch at 9:45 am, Nov 22, 2016

October 28, 2016

Reference No. 088210-29

Mr. Zane Kurtz
Sr. Safety and Environmental Representative
5509 Champions Dr.
Midland, TX 79706
VIA E-Mail: zane_kurtz@eogresources.com

Dear Mr. Kurtz:

**Re: Assessment Summary Report
EOG Water Gathering Junction – Endurance 25 SWD #2 (API #30-025-41067)
1RP-4330
EOG Resources, Inc.
Site Location: Unit E, Sec. 25, T 26-S, R 33-E
(Lat 32.0152°, Long -103.5309°)
Lea County, New Mexico**

On behalf of EOG Resources Inc. (EOG), GHD Services, Inc. (GHD) is pleased to present this report for the above referenced site. Assessment activities were performed at the EOG Water Gathering Junction – Endurance 25 SWD #2 (hereafter referred to as the “Site”), from June 29, 2016 through August 24, 2016 by GHD. The Site is located within Unit E, Section 25, Township 26 South, Range 33 East, in Lea County, New Mexico.

The Site is an active well site approximately 21 miles west-southwest of Jal, New Mexico. According to EOG personnel, a release of approximately 350 barrels (bbls) of produced water occurred when a valve was found open and releasing water. Approximately 250 bbls was recovered. The release was discovered on June 28, 2016. A C-141 Form was submitted to the New Mexico Oil Conservation Division (NMOCD) on June 29, 2016 and remediation permit (RP) number 1RP-4330 was assigned.

Initial soil sampling of the flow path release area began on June 29, 2016 and was performed by GHD. Four of 6 soil samples initially collected returned chloride concentrations in soil exceeding the 250 mg/kg the Recommended Remediation Action Limit (RRAL) for chloride. Subsequent soil sampling was performed by GHD beginning in July through August of 2016 and is discussed further in this report.

1. Introduction

A C-141 Form was submitted to the New Mexico Oil Conservation Division (NMOCD) and remediation permit (RP) number 1RP-4330 was assigned. Approximately 10,000 cubic yards (yd³) of impacted soil was removed and disposed of at the Lea Land LLC, east of Carlsbad, New Mexico (Lea Land).

During the clean-up of the release, United States BLM personnel observed the work being performed and issued a Notice of Written Order. The Notice of Written order was submitted by the BLM for the release dated July 7, 2016.



There are relatively few groundwater wells in the area of the Site with which to obtain a depth to groundwater. Based on information available from the New Mexico Tech Pit Portal website the closest USGS gauging site, approximately 1.7 miles west-northwest of the site, indicates groundwater at depth of approximately 77 feet below ground surface (bgs) in 2015.

There does not appear to be any well head protection areas and no surface water bodies within 200 to 1000 ft of the Site. Therefore, the preliminary total ranking score for the Site is 10 (see table below).

Based on this score, the applicable NMOCD Site-specific Recommended Remediation Action Limits (RRALs) are 10 milligrams per kilogram (mg/kg) for benzene, 50 mg/kg for total benzene, toluene, ethylbenzene, and xylenes (BTEX), 1000 mg/kg for total petroleum hydrocarbons (TPH), and 250 mg/kg for chlorides.

New Mexico Oil Conservation Division Site Assessment	
Ranking Criteria	Score
Depth to Ground Water (< 100 ft bgs)	10
Wellhead Protection Area (> 1000 ft from water source, > 200 ft from domestic source)	0
Distance to Surface Body Water (200-1000 ft)	0
Ranking Criteria Total Score	10*
*Because the ranking criteria total score is 10, NMOCD established RRALs are 10 mg/kg for benzene, 50 mg/kg for total BTEX, 1,000 mg/kg for TPH ¹ , and 250 mg/kg for chlorides.	

1. NMOCD Guidelines for Remediation of Leaks, Spills and Releases, August 13, 1993

2. Assessment Activities

Site assessment activities were performed by GHD and began on July 21, 2016 (Figure 1, 2). Excavation activities were performed by SDR Enterprises, LLC of Hobbs, New Mexico. Soil samples were analyzed by Hall Environmental Analysis Laboratory (Hall Environmental) of Albuquerque, New Mexico. All analytical data are included as Appendix A. There were two primary areas of excavation: first is the initial release area between the gas line and the poly lines east of the main road and second is the flow path to the west of the main road.

In the initial release area, twenty-one soil samples were collected by GHD on July 21, July 22, July 25, and August 10, 2016 to assess the horizontal and vertical extent of chloride concentrations in the soil. Soil samples were collected using a hand auger at depths of 4.0 to 12 ft bgs depending on field screening results. The samples were submitted to Hall Environmental for analysis of chloride by EPA Method 300.

Laboratory analytical results from the initial release area indicate that chloride concentrations in four samples along the west berm of the excavation were above the RRAL for chloride; the remaining samples that were submitted were below the RRAL for chloride (Table 1). The samples exceeding the RRAL are located along the poly line, where excavation cannot continue under the lines.



In the flow path area, Seventy-two soil samples were collected by GHD on July 26 through August 9, 2016 to assess the horizontal and vertical extent of chloride concentrations in the soil. Soil samples were collected using a hand auger at depths of 2.0 to 12 ft bgs depending on field screening results. All samples were submitted to Hall Environmental for analysis of chloride by EPA Method 300.

Laboratory analytical results from the initial release area indicate that chloride concentrations in two samples in the center of the flow path excavation were above the RRAL for chloride; the remaining samples that were submitted were below the RRAL for chloride (Table 1). Based on this, it appears that the vertical and horizontal extent of chloride has been assessed.

A total of approximately 10,000 cubic yards (1048 tons) of impacted soil were excavated and transported to Lea Land for landfill disposal. Waste manifests are included as Appendix B.

On September 13, 2016 two confirmation samples were collected in the flow path area, where previous sampling indicated exceedance of the RRAL. The samples were submitted to Hall Environmental for analysis of chloride by EPA Method 300. Laboratory analytical results from this event indicate that chloride concentrations were below the RRAL for chloride (Table 1). Based on this, it appears that the vertical and horizontal extent of chloride has been assessed.

3. Summary and Recommendations

Based on the assessment of the petroleum hydrocarbon and chloride concentrations, GHD recommends the following:

- Placement of a 20 mil polyethylene liner in the bottom of the excavation indicated as "Location C" at a depth of 4 ft bgs.
- Backfilling of the excavation with clean fill material and wheel compacting to grade.
- Fertilizing and reseeding of the disturbed area with a BLM-approved seed mix.

Following completion of the above activities EOG will request that no further action be required for the Site. Should you have any questions, or require additional information regarding this submittal, please feel free to contact myself or Bernie Bockisch at (505) 884-0672 or Bernard.Bockisch@ghd.com.

Sincerely,

GHD

A handwritten signature in black ink that reads "Betsy K. Gerwig". The signature is written in a cursive, flowing style.

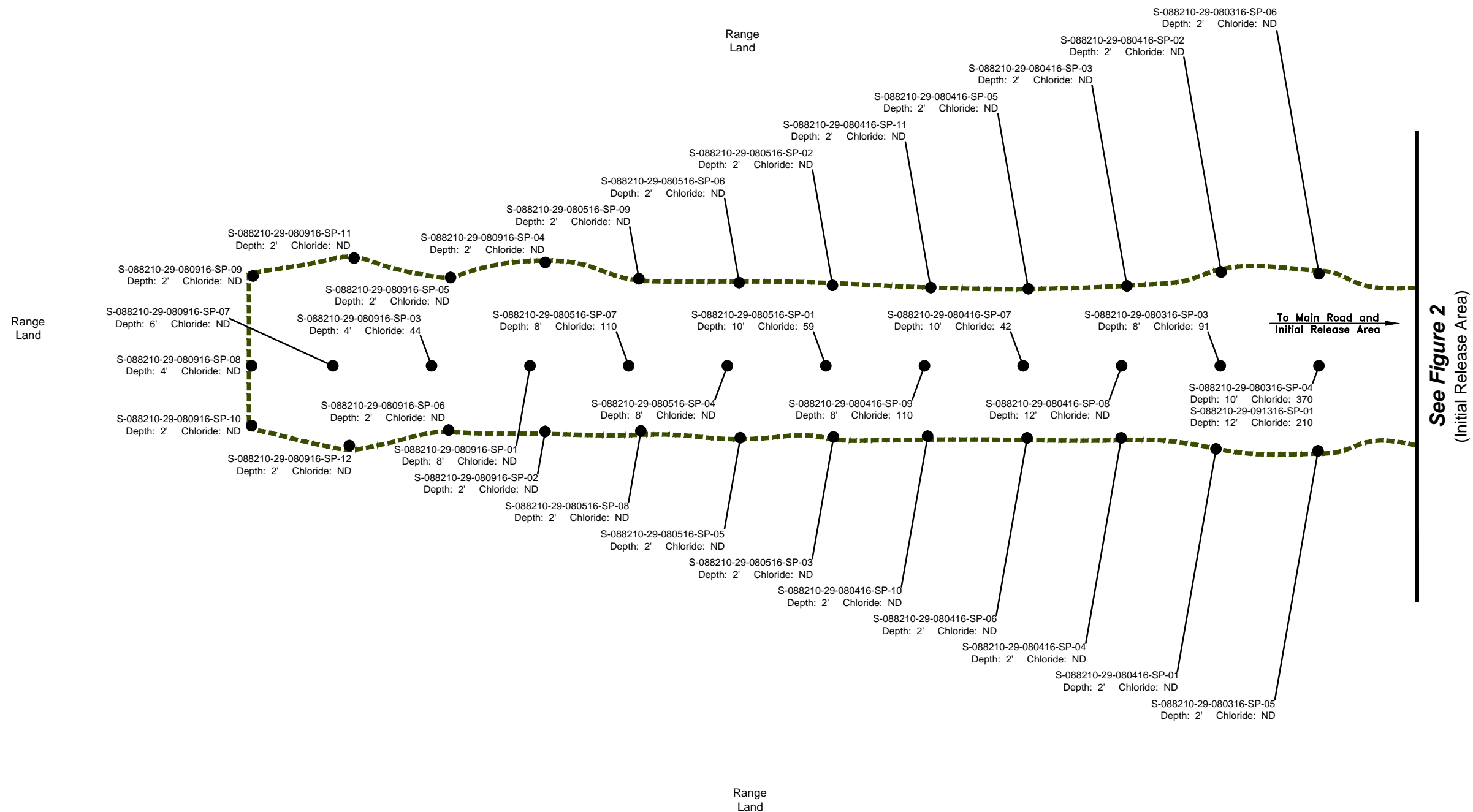
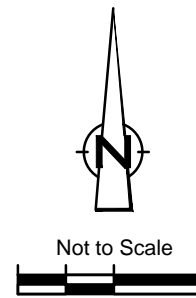
Betsy Gerwig
Senior Project Manager

BB/mc/02

A handwritten signature in blue ink that reads "Bernard Bockisch". The signature is written in a cursive, flowing style.

Bernard Bockisch
Senior Project Manager

Figures

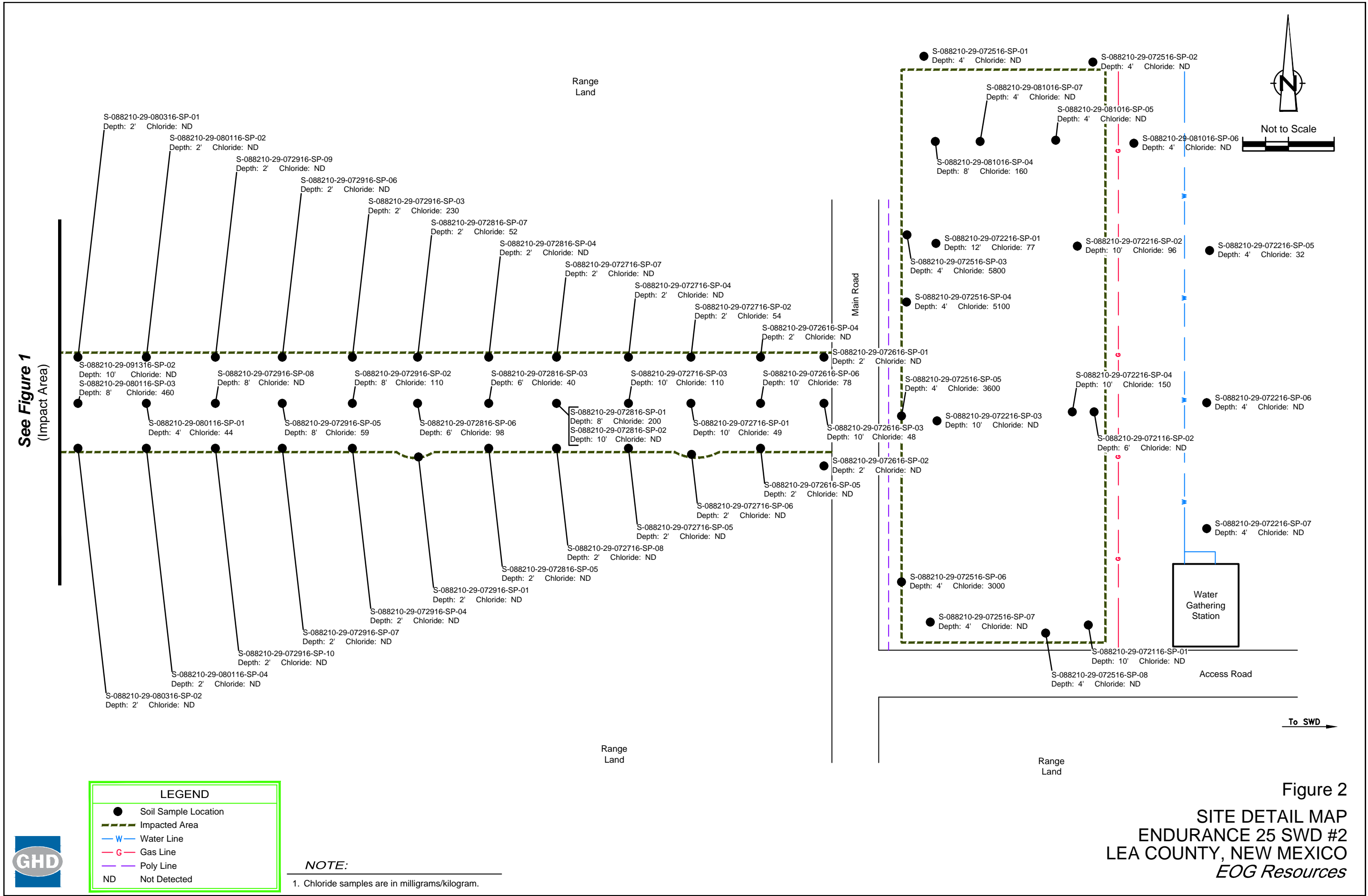


LEGEND

- Soil Sample Location
- Impacted Area
- ND Not Detected

NOTE:
1. Chloride samples are in milligrams/kilogram.

Figure 1
SITE DETAIL MAP
ENDURANCE 25 SWD #2
LEA COUNTY, NEW MEXICO
EOG Resources



Tables

Table 1
EOG Water Gathering Junction – Endurance 25 SWD #2
Soil Analytical Data

Sample ID	Depth (ft. bgs)	Date	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH (GRO)	TPH (DRO)	Total TPH	Chloride
Location A	7.5	6/30/2016	<0.023	<0.046	<0.046	<0.092	<0.207	<4.6	<9.3	<13.9	11,000
Location B	1.5	6/30/2016	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	15	15	94
Location F	4.5	6/30/2016	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.9	<14.8	<30
Location E	2.2	6/30/2016	<0.023	<0.047	<0.047	<0.094	<0.211	<4.7	<9.9	<14.6	5,900
Location D	3.5	7/01/2016	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<10	<15	8,000
Location C	4.5	7/01/2016	<0.024	<0.047	<0.047	<0.095	<0.213	<4.7	<10	<14.7	10,000
S-088210-29-072116-SP-01	10.0	7/21/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072116-SP-02	6.0	7/21/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072216-SP-01	12.0	7/22/2016	--	--	--	--	--	--	--	--	77
S-088210-29-072216-SP-02	10.0	7/22/2016	--	--	--	--	--	--	--	--	96
S-088210-29-072216-SP-03	10.0	7/22/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072216-SP-04	10.0	7/22/2016	--	--	--	--	--	--	--	--	150
S-088210-29-072216-SP-05	4.0	7/22/2016	--	--	--	--	--	--	--	--	32
S-088210-29-072216-SP-06	4.0	7/22/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072216-SP-07	4.0	7/22/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072516-SP-01	4.0	7/25/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072516-SP-02	4.0	7/25/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072516-SP-03	4.0	7/25/2016	--	--	--	--	--	--	--	--	5,800
S-088210-29-072516-SP-04	4.0	7/25/2016	--	--	--	--	--	--	--	--	5,100
S-088210-29-072516-SP-05	4.0	7/25/2016	--	--	--	--	--	--	--	--	3,600
S-088210-29-072516-SP-06	4.0	7/25/2016	--	--	--	--	--	--	--	--	3,000
S-088210-29-072516-SP-07	4.0	7/25/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072516-SP-08	4.0	7/25/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072616-SP-01	2.0	7/26/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072616-SP-02	2.0	7/26/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072616-SP-03	10.0	7/26/2016	--	--	--	--	--	--	--	--	48
S-088210-29-072616-SP-04	2.0	7/26/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072616-SP-05	2.0	7/26/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072616-SP-06	10.0	7/26/2016	--	--	--	--	--	--	--	--	78
S-088210-29-072716-SP-01	10.0	7/27/2016	--	--	--	--	--	--	--	--	49
S-088210-29-072716-SP-02	2.0	7/27/2016	--	--	--	--	--	--	--	--	54
S-088210-29-072716-SP-03	10.0	7/27/2016	--	--	--	--	--	--	--	--	110
S-088210-29-072716-SP-04	2.0	7/27/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072716-SP-05	2.0	7/27/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072716-SP-06	2.0	7/27/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072716-SP-07	2.0	7/27/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072716-SP-08	2.0	7/27/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072816-SP-01	8.0	7/28/2016	--	--	--	--	--	--	--	--	200
S-088210-29-072816-SP-02	10.0	7/28/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072816-SP-03	6.0	7/28/2016	--	--	--	--	--	--	--	--	40
S-088210-29-072816-SP-04	2.0	7/28/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072816-SP-05	2.0	7/28/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072816-SP-06	6.0	7/28/2016	--	--	--	--	--	--	--	--	98
S-088210-29-072816-SP-07	2.0	7/28/2016	--	--	--	--	--	--	--	--	52
S-088210-29-072816-SP-08	stockpile	7/28/2016	--	--	--	--	--	--	--	--	2,700
S-088210-29-072916-SP-01	2.0	7/29/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072916-SP-02	8.0	7/29/2016	--	--	--	--	--	--	--	--	110
S-088210-29-072916-SP-03	2.0	7/29/2016	--	--	--	--	--	--	--	--	230
S-088210-29-072916-SP-04	2.0	7/29/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072916-SP-05	8.0	7/29/2016	--	--	--	--	--	--	--	--	59
S-088210-29-072916-SP-06	2.0	7/29/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072916-SP-07	2.0	7/29/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072916-SP-08	8.0	7/29/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072916-SP-09	2.0	7/29/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-072916-SP-10	2.0	7/29/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080116-SP-01	4.0	8/01/2016	--	--	--	--	--	--	--	--	44
S-088210-29-080116-SP-02	2.0	8/01/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080116-SP-03	8.0	8/01/2016	--	--	--	--	--	--	--	--	460
S-088210-29-080116-SP-04	2.0	8/01/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080116-SP-05	stockpile	8/01/2016	--	--	--	--	--	--	--	--	2,000
S-088210-29-080116-SP-06	stockpile	8/01/2016	--	--	--	--	--	--	--	--	2,000

Table 1
EOG Water Gathering Junction – Endurance 25 SWD #2
Soil Analytical Data

Sample ID	Depth (ft. bgs)	Date	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH (GRO)	TPH (DRO)	Total TPH	Chloride
S-088210-29-080316-SP-01	2.0	8/03/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080316-SP-02	2.0	8/03/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080316-SP-03	8.0	8/03/2016	--	--	--	--	--	--	--	--	91
S-088210-29-080316-SP-04	10.0	8/03/2016	--	--	--	--	--	--	--	--	370
S-088210-29-080316-SP-05	2.0	8/03/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080316-SP-06	2.0	8/03/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080416-SP-01	2.0	8/04/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080416-SP-02	2.0	8/04/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080416-SP-03	2.0	8/04/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080416-SP-04	2.0	8/04/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080416-SP-05	2.0	8/04/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080416-SP-06	2.0	8/04/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080416-SP-07	10.0	8/04/2016	--	--	--	--	--	--	--	--	42
S-088210-29-080416-SP-08	12.0	8/04/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080416-SP-09	8.0	8/04/2016	--	--	--	--	--	--	--	--	110
S-088210-29-080416-SP-10	2.0	8/04/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080416-SP-11	2.0	8/04/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080516-SP-01	10.0	8/05/2016	--	--	--	--	--	--	--	--	59
S-088210-29-080516-SP-02	2.0	8/05/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080516-SP-03	2.0	8/05/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080516-SP-04	8.0	8/05/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080516-SP-05	2.0	8/05/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080516-SP-06	2.0	8/05/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080516-SP-07	8.0	8/05/2016	--	--	--	--	--	--	--	--	110
S-088210-29-080516-SP-08	2.0	8/05/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080516-SP-09	2.0	8/05/2016	--	--	--	--	--	--	--	--	<30
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S-088210-29-080916-SP-02	2.0	8/09/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080916-SP-03	4.0	8/09/2016	--	--	--	--	--	--	--	--	44
S-088210-29-080916-SP-04	2.0	8/09/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080916-SP-05	2.0	8/09/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080916-SP-06	2.0	8/09/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080916-SP-07	6.0	8/09/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080916-SP-08	4.0	8/09/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080916-SP-09	2.0	8/09/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080916-SP-10	2.0	8/09/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080916-SP-11	2.0	8/09/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-080916-SP-12	2.0	8/09/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-081016-SP-01	stockpile	8/10/2016	--	--	--	--	--	--	--	--	2,000
S-088210-29-081016-SP-02	stockpile	8/10/2016	--	--	--	--	--	--	--	--	4,000
S-088210-29-081016-SP-03	stockpile	8/10/2016	--	--	--	--	--	--	--	--	3,500
S-088210-29-081016-SP-04	8.0	8/10/2016	--	--	--	--	--	--	--	--	160
S-088210-29-081016-SP-05	4.0	8/10/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-081016-SP-06	4.0	8/10/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-081016-SP-07	4.0	8/10/2016	--	--	--	--	--	--	--	--	<30
S-088210-29-082416-SP-01	stockpile mix ratio 3:1	8/24/2016	--	--	--	--	--	--	--	--	1,100
S-088210-29-082416-SP-02	stockpile mix ratio 4:1	8/24/2016	--	--	--	--	--	--	--	--	590
S-088210-29-082416-SP-03	stockpile mix ratio 2:1	8/24/2016	--	--	--	--	--	--	--	--	620
S-088210-29-091316-SP-01	12.0	9/13/2016	--	--	--	--	--	--	--	--	210
S-088210-29-091316-SP-02	10.0	9/13/2016	--	--	--	--	--	--	--	--	<30
Recommended Remediation Action Limits			10	Total BTEX: 50				Total TPH: 1,000		250	

Notes:
All samples are in milligrams per kilogram
Bolded numbers are above the RRAL

Appendices

Appendix A

Laboratory Analytical Reports



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

July 18, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Endurance 25 SWD #2

OrderNo.: 1607199

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 6 sample(s) on 7/6/2016 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1607199

Date Reported: 7/18/2016

CLIENT: GHD

Client Sample ID: Location A

Project: Endurance 25 SWD #2

Collection Date: 6/30/2016 12:35:00 PM

Lab ID: 1607199-001

Matrix: SOIL

Received Date: 7/6/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	11000	750		mg/Kg	500	7/13/2016 10:07:56 AM	26328
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	7/8/2016 1:26:44 PM	26283
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/8/2016 1:26:44 PM	26283
Surr: DNOP	92.0	70-130		%Rec	1	7/8/2016 1:26:44 PM	26283
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/7/2016 2:11:37 PM	26258
Surr: BFB	101	80-120		%Rec	1	7/7/2016 2:11:37 PM	26258
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	7/7/2016 2:11:37 PM	26258
Toluene	ND	0.046		mg/Kg	1	7/7/2016 2:11:37 PM	26258
Ethylbenzene	ND	0.046		mg/Kg	1	7/7/2016 2:11:37 PM	26258
Xylenes, Total	ND	0.092		mg/Kg	1	7/7/2016 2:11:37 PM	26258
Surr: 4-Bromofluorobenzene	98.9	80-120		%Rec	1	7/7/2016 2:11:37 PM	26258

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1607199

Date Reported: 7/18/2016

CLIENT: GHD

Client Sample ID: Location B

Project: Endurance 25 SWD #2

Collection Date: 6/30/2016 1:40:00 PM

Lab ID: 1607199-002

Matrix: SOIL

Received Date: 7/6/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	94	30		mg/Kg	20	7/11/2016 2:25:27 PM	26328
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	15	10		mg/Kg	1	7/8/2016 2:32:00 PM	26283
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/8/2016 2:32:00 PM	26283
Surr: DNOP	95.2	70-130		%Rec	1	7/8/2016 2:32:00 PM	26283
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/7/2016 3:22:27 PM	26258
Surr: BFB	102	80-120		%Rec	1	7/7/2016 3:22:27 PM	26258
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/7/2016 3:22:27 PM	26258
Toluene	ND	0.048		mg/Kg	1	7/7/2016 3:22:27 PM	26258
Ethylbenzene	ND	0.048		mg/Kg	1	7/7/2016 3:22:27 PM	26258
Xylenes, Total	ND	0.097		mg/Kg	1	7/7/2016 3:22:27 PM	26258
Surr: 4-Bromofluorobenzene	98.8	80-120		%Rec	1	7/7/2016 3:22:27 PM	26258

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1607199**

Date Reported: **7/18/2016**

CLIENT: GHD

Client Sample ID: Location F

Project: Endurance 25 SWD #2

Collection Date: 6/30/2016 6:45:00 PM

Lab ID: 1607199-003

Matrix: SOIL

Received Date: 7/6/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	7/11/2016 2:37:51 PM	26328
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/8/2016 2:53:49 PM	26283
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/8/2016 2:53:49 PM	26283
Surr: DNOP	90.8	70-130		%Rec	1	7/8/2016 2:53:49 PM	26283
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/7/2016 5:20:29 PM	26258
Surr: BFB	102	80-120		%Rec	1	7/7/2016 5:20:29 PM	26258
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	7/7/2016 5:20:29 PM	26258
Toluene	ND	0.049		mg/Kg	1	7/7/2016 5:20:29 PM	26258
Ethylbenzene	ND	0.049		mg/Kg	1	7/7/2016 5:20:29 PM	26258
Xylenes, Total	ND	0.098		mg/Kg	1	7/7/2016 5:20:29 PM	26258
Surr: 4-Bromofluorobenzene	97.0	80-120		%Rec	1	7/7/2016 5:20:29 PM	26258

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1607199**

Date Reported: **7/18/2016**

CLIENT: GHD

Client Sample ID: Location E

Project: Endurance 25 SWD #2

Collection Date: 6/30/2016 7:48:00 PM

Lab ID: 1607199-004

Matrix: SOIL

Received Date: 7/6/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	5900	300		mg/Kg	200	7/13/2016 10:20:20 AM	26328
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/8/2016 3:15:37 PM	26283
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/8/2016 3:15:37 PM	26283
Surr: DNOP	92.9	70-130		%Rec	1	7/8/2016 3:15:37 PM	26283
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/7/2016 5:44:04 PM	26258
Surr: BFB	102	80-120		%Rec	1	7/7/2016 5:44:04 PM	26258
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	7/7/2016 5:44:04 PM	26258
Toluene	ND	0.047		mg/Kg	1	7/7/2016 5:44:04 PM	26258
Ethylbenzene	ND	0.047		mg/Kg	1	7/7/2016 5:44:04 PM	26258
Xylenes, Total	ND	0.094		mg/Kg	1	7/7/2016 5:44:04 PM	26258
Surr: 4-Bromofluorobenzene	96.5	80-120		%Rec	1	7/7/2016 5:44:04 PM	26258

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1607199

Date Reported: 7/18/2016

CLIENT: GHD

Client Sample ID: Location D

Project: Endurance 25 SWD #2

Collection Date: 7/1/2016 12:45:00 PM

Lab ID: 1607199-005

Matrix: SOIL

Received Date: 7/6/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	8000	300		mg/Kg	200	7/13/2016 10:32:45 AM	26328
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/8/2016 2:26:30 PM	26283
Motor Oil Range Organics (MRO)	ND	51		mg/Kg	1	7/8/2016 2:26:30 PM	26283
Surr: DNOP	86.9	70-130		%Rec	1	7/8/2016 2:26:30 PM	26283
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/7/2016 6:07:39 PM	26258
Surr: BFB	99.1	80-120		%Rec	1	7/7/2016 6:07:39 PM	26258
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	7/7/2016 6:07:39 PM	26258
Toluene	ND	0.050		mg/Kg	1	7/7/2016 6:07:39 PM	26258
Ethylbenzene	ND	0.050		mg/Kg	1	7/7/2016 6:07:39 PM	26258
Xylenes, Total	ND	0.10		mg/Kg	1	7/7/2016 6:07:39 PM	26258
Surr: 4-Bromofluorobenzene	94.2	80-120		%Rec	1	7/7/2016 6:07:39 PM	26258

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1607199

Date Reported: 7/18/2016

CLIENT: GHD

Client Sample ID: Location C

Project: Endurance 25 SWD #2

Collection Date: 7/1/2016 3:30:00 PM

Lab ID: 1607199-006

Matrix: SOIL

Received Date: 7/6/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	10000	750		mg/Kg	500	7/13/2016 10:45:09 AM	26328
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/8/2016 2:48:37 PM	26283
Motor Oil Range Organics (MRO)	ND	51		mg/Kg	1	7/8/2016 2:48:37 PM	26283
Surr: DNOP	91.8	70-130		%Rec	1	7/8/2016 2:48:37 PM	26283
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/7/2016 6:31:17 PM	26258
Surr: BFB	101	80-120		%Rec	1	7/7/2016 6:31:17 PM	26258
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/7/2016 6:31:17 PM	26258
Toluene	ND	0.047		mg/Kg	1	7/7/2016 6:31:17 PM	26258
Ethylbenzene	ND	0.047		mg/Kg	1	7/7/2016 6:31:17 PM	26258
Xylenes, Total	ND	0.095		mg/Kg	1	7/7/2016 6:31:17 PM	26258
Surr: 4-Bromofluorobenzene	96.3	80-120		%Rec	1	7/7/2016 6:31:17 PM	26258

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607199

18-Jul-16

Client: GHD

Project: Endurance 25 SWD #2

Sample ID	MB-26328		SampType: MBLK		TestCode: EPA Method 300.0: Anions					
Client ID:	PBS		Batch ID: 26328		RunNo: 35578					
Prep Date:	7/11/2016		Analysis Date: 7/11/2016		SeqNo: 1101743		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26328		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 26328		RunNo: 35578					
Prep Date:	7/11/2016		Analysis Date: 7/11/2016		SeqNo: 1101744		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.3	90	110			

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607199

18-Jul-16

Client: GHD

Project: Endurance 25 SWD #2

Sample ID	LCS-26283		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 26283		RunNo: 35512					
Prep Date:	7/7/2016		Analysis Date: 7/8/2016		SeqNo: 1100013		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	37	10	50.00	0	74.1	62.6	124			
Surr: DNOP	4.0		5.000		79.2	70	130			

Sample ID	MB-26283	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID: 26283			RunNo: 35512					
Prep Date:	7/7/2016	Analysis Date: 7/8/2016			SeqNo: 1100014		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.9		10.00		79.2	70	130			

Sample ID	1607199-001AMS		SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	Location A		Batch ID: 26283		RunNo: 35511					
Prep Date:	7/7/2016		Analysis Date: 7/8/2016		SeqNo: 1100134		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	51.02	0	84.8	33.9	141			
Surr: DNOP	4.6		5.102		90.8	70	130			

Sample ID	1607199-001AMSD		SampType:	MSD		TestCode:	EPA Method 8015M/D: Diesel Range Organics				
Client ID:	Location A		Batch ID:	26283		RunNo:	35511				
Prep Date:	7/7/2016		Analysis Date:	7/8/2016		SeqNo:	1100135		Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	39	9.7	48.59	0	80.6	33.9	141	9.91	20		
Surr: DNOP	4.1		4.859		84.9	70	130	0	0		

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607199

18-Jul-16

Client: GHD

Project: Endurance 25 SWD #2

Sample ID	MB-26258		SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	PBS		Batch ID: 26258		RunNo: 35484					
Prep Date:	7/6/2016		Analysis Date: 7/7/2016		SeqNo: 1098917		Units: mg/Kg			
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	80	120			

Sample ID	LCS-26258		SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	LCSS		Batch ID: 26258		RunNo: 35484					
Prep Date:	7/6/2016		Analysis Date: 7/7/2016		SeqNo: 1098918		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	80	120			
Surr: BFB	1100		1000		108	80	120			

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607199

18-Jul-16

Client: GHD

Project: Endurance 25 SWD #2

Sample ID	MB-26258		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	PBS		Batch ID:	26258		RunNo:	35484			
Prep Date:	7/6/2016		Analysis Date:	7/7/2016		SeqNo:	1098935	Units:	mg/Kg	
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	0.96		1.000		96.3	80	120			

Sample ID	LCS-26258		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	LCSS		Batch ID:	26258		RunNo:	35484			
Prep Date:	7/6/2016		Analysis Date:	7/7/2016		SeqNo:	1098936	Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	99.2	75.3	123			
Toluene	0.99	0.050	1.000	0	99.4	80	124			
Ethylbenzene	1.0	0.050	1.000	0	100	82.8	121			
Xylenes, Total	3.0	0.10	3.000	0	100	83.9	122			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

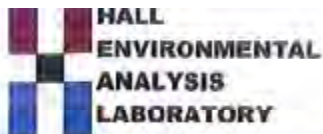
Sample ID	1607199-001AMS		SampType:	MS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	Location A		Batch ID:	26258		RunNo:	35484			
Prep Date:	7/6/2016		Analysis Date:	7/7/2016		SeqNo:	1098938	Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.024	0.9515	0	93.1	71.5	122			
Toluene	0.89	0.048	0.9515	0	93.8	71.2	123			
Ethylbenzene	0.95	0.048	0.9515	0	99.8	75.2	130			
Xylenes, Total	2.9	0.095	2.854	0	99.9	72.4	131			
Surr: 4-Bromofluorobenzene	1.0		0.9515		105	80	120			

Sample ID	1607199-001AMSD		SampType:	MSD		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	Location A		Batch ID:	26258		RunNo:	35484			
Prep Date:	7/6/2016		Analysis Date:	7/7/2016		SeqNo:	1098939	Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9823	0	104	71.5	122	13.7	20	
Toluene	1.0	0.049	0.9823	0	105	71.2	123	14.2	20	
Ethylbenzene	1.0	0.049	0.9823	0	106	75.2	130	9.25	20	
Xylenes, Total	3.1	0.098	2.947	0	105	72.4	131	7.94	20	
Surr: 4-Bromofluorobenzene	1.0		0.9823		104	80	120	0	0	

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
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: GHD

Work Order Number: 1607199

ReptNo: 1

Received by/date:

Logged By: Lindsay Mangin

7/6/2016 9:30:00 AM

Completed By: Lindsay Mangin

7/6/2016 2:20:51 PM

Reviewed By:

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? FedEx

Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ 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) properly 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? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
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 ☐
- # of preserved bottles checked for pH:
(<2 or >12 unless noted)
Adjusted?
Checked by:

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ 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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.5	Good	Yes			

GHD

Mailing Address:

5121 Indian School Rd NE Ste. 200
Albuquerque NM, 87110

Phone #: (505) 884-0672

Email or Fax#

5A/QC Packages

☐ Standard ☐ Level 4 (Full Validation)

Accreditation:

☐ NELAP ☐ Other

EDD (Type)

Date _____

Time

Matrix

Sample Request ID

Container Type and #

Preservative
Type

HEAL No.

by \mathbb{R}

1999

Site

Time:

Reinforced by:

[illegible]

Received by:

Date	Time
------	------

Remarks

 $\frac{\pi}{\omega}$

Time:

Relinquished by:

1

Received by:

Date	Time
------	------

1021

6975056975056



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

August 05, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Endurance

OrderNo.: 1607D20

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 9 sample(s) on 7/26/2016 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1607D20

Date Reported: 8/5/2016

CLIENT: GHD
Project: Endurance

Lab Order: 1607D20

Lab ID: 1607D20-001 **Collection Date:** 7/21/2016 1:46:00 PM
Client Sample ID: S-088210-29-072116-SP-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	7/29/2016 12:27:11 AM	26675

Lab ID: 1607D20-002 **Collection Date:** 7/21/2016 1:47:00 PM
Client Sample ID: S-088210-29-072116-SP-02 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	7/29/2016 1:04:25 AM	26675

Lab ID: 1607D20-003 **Collection Date:** 7/22/2016 10:20:00 AM
Client Sample ID: S-088210-29-072216-SP-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	77	30		mg/Kg	20	7/29/2016 1:16:50 AM	26675

Lab ID: 1607D20-004 **Collection Date:** 7/22/2016 10:22:00 AM
Client Sample ID: S-088210-29-072216-SP-02 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	96	30		mg/Kg	20	7/29/2016 1:29:14 AM	26675

Lab ID: 1607D20-005 **Collection Date:** 7/22/2016 10:24:00 AM
Client Sample ID: S-088210-29-072216-SP-03 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	7/29/2016 1:41:38 AM	26675

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 1 of 3
	D	Sample Diluted Due to Matrix	E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1607D20

Date Reported: 8/5/2016

CLIENT: GHD
Project: Endurance

Lab Order: 1607D20

Lab ID: 1607D20-006 **Collection Date:** 7/22/2016 10:26:00 AM

Client Sample ID: S-088210-29-072216-SP-04 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	150	30		mg/Kg	20	7/29/2016 1:54:03 AM	26675

Lab ID: 1607D20-007 **Collection Date:** 7/22/2016 11:50:00 AM

Client Sample ID: S-088210-29-072216-SP-05 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	32	30		mg/Kg	20	8/1/2016 1:31:10 PM	26717

Lab ID: 1607D20-008 **Collection Date:** 7/22/2016 11:52:00 AM

Client Sample ID: S-088210-29-072216-SP-06 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	8/1/2016 1:43:35 PM	26717

Lab ID: 1607D20-009 **Collection Date:** 7/22/2016 11:54:00 AM

Client Sample ID: S-088210-29-072216-SP-07 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	8/1/2016 1:56:00 PM	26717

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607D20

05-Aug-16

Client: GHD
Project: Endurance

Sample ID	MB-26675		SampType: mblk		TestCode: EPA Method 300.0: Anions					
Client ID:	PBS		Batch ID: 26675		RunNo: 36075					
Prep Date:	7/28/2016		Analysis Date: 7/28/2016		SeqNo: 1117847		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26675		SampType: lcs		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 26675		RunNo: 36075					
Prep Date:	7/28/2016		Analysis Date: 7/28/2016		SeqNo: 1117848		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.3	90	110			

Sample ID	MB-26717		SampType:	MBLK		TestCode:	EPA Method 300.0: Anions				
Client ID:	PBS		Batch ID:	26717		RunNo:	36149				
Prep Date:	8/1/2016		Analysis Date:	8/1/2016		SeqNo:	1119517		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	ND	1.5									

Sample ID	LCS-26717		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 26717		RunNo: 36149					
Prep Date:	8/1/2016		Analysis Date: 8/1/2016		SeqNo: 1119518		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	90	110			

Qualifiers:

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

Sample Log-In Check List

Client Name: GHD

Work Order Number: 1607D20

RptNo: 1

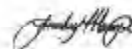
Received by/date:

AS

07/26/16

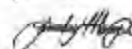
Logged By: Lindsay Mangin

7/26/2016 10:00:00 AM



Completed By: Lindsay Mangin

7/26/2016 10:03:26 AM



Reviewed By:

AS

07/26/16

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 $>0^{\circ}\text{C}$ 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) properly 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? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
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 ☐

 # of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by:

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ 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	Signed By
1	4.9	Good	Yes			

Chain-of-Custody Record

ent: CHD - Albuquerque

iling Address: 6121 Indian School Rd NE

200, Albuquerque, NM, 87110

one #: 505-884-0672

ail or Fax#: Bernard.Bachisch@chd.com

/QC Package:

Standard ☐ Level 4 (Full Validation)

creditation

NELAP ☐ Other

EDD (Type)

Sample Request ID

Time

Matrix

Container Type and #

Preservative Type

HEAL No.

On Ice: ☒ Yes ☐ No

Sample Temperature: 4.9°C

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Endurance

Project #:

088210/29

Project Manager:

Bernard Bachisch

Sampler:

Steve Perez

On Ice: ☒ Yes ☐ No

Sample Temperature: 4.9°C

Turn-Around Time:

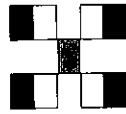
☒ Standard ☐ Rush

Project Name:

Endurance

Project #:

088210/29



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chloride 300.0	Air Bubbles (Y or N)
											X	

Remarks:

Received by: Spk Date: 7/25/16 Time: 0800

Received by: am/turn Date: 07/26/16 Time: 1000

Relinquished by: Steven Perez

Relinquished by: Spk

Time: 5/16 0800

Time: 9/16 1900



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

August 08, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Endurance

OrderNo.: 1607D97

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 8 sample(s) on 7/27/2016 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1607D97

Date Reported: 8/8/2016

CLIENT: GHD
Project: Endurance

Lab Order: 1607D97

Lab ID: 1607D97-001 **Collection Date:** 7/25/2016 2:30:00 PM
Client Sample ID: S-088210-29-072516-SP-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/1/2016 7:55:52 PM	26731

Lab ID: 1607D97-002 **Collection Date:** 7/25/2016 2:34:00 PM
Client Sample ID: S-088210-29-072516-SP-02 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/1/2016 8:33:05 PM	26731

Lab ID: 1607D97-003 **Collection Date:** 7/25/2016 2:40:00 PM
Client Sample ID: S-088210-29-072516-SP-03 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	5800	300		mg/Kg	200	8/2/2016 8:07:52 PM	26731

Lab ID: 1607D97-004 **Collection Date:** 7/25/2016 2:45:00 PM
Client Sample ID: S-088210-29-072516-SP-04 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	5100	150		mg/Kg	100	8/2/2016 8:20:16 PM	26731

Lab ID: 1607D97-005 **Collection Date:** 7/25/2016 2:51:00 PM
Client Sample ID: S-088210-29-072516-SP-05 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	3600	150		mg/Kg	100	8/2/2016 8:32:42 PM	26731

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

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

Analytical ReportLab Order: **1607D97**Date Reported: **8/8/2016****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** GHD
Project: Endurance**Lab Order:** 1607D97**Lab ID:** 1607D97-006**Collection Date:** 7/25/2016 2:56:00 PM**Client Sample ID:** S-088210-29-072516-SP-06**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	3000	150		mg/Kg	100	8/2/2016 9:09:55 PM	26731

Lab ID: 1607D97-007**Collection Date:** 7/25/2016 3:01:00 PM**Client Sample ID:** S-088210-29-072516-SP-07**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	8/1/2016 9:35:09 PM	26731

Lab ID: 1607D97-008**Collection Date:** 7/25/2016 3:06:00 PM**Client Sample ID:** S-088210-29-072516-SP-08**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	8/1/2016 9:47:33 PM	26731

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607D97

08-Aug-16

Client: GHD
Project: Endurance

Sample ID	MB-26731		SampType: MBLK		TestCode: EPA Method 300.0: Anions					
Client ID:	PBS		Batch ID: 26731		RunNo: 36149					
Prep Date:	8/1/2016		Analysis Date: 8/1/2016		SeqNo: 1119547		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26731		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 26731		RunNo: 36149					
Prep Date:	8/1/2016		Analysis Date: 8/1/2016		SeqNo: 1119549		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.9	90	110			

Qualifiers:

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

Sample Log-In Check List

Client Name: GHD

Work Order Number: 1607D97

RcptNo: 1

Received by/date:

[Signature]

07/27/16

Logged By: Joe Archuleta

7/27/2016 9:15:00 AM

[Signature]

Completed By: Joe Archuleta

7/27/2016 11:31:19 AM

[Signature]

Reviewed By:

IO

7/27/16

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 $>0^{\circ}\text{C}$ 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) properly 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? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
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 ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ 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	Signed By
1	4.0	Good	Yes			

Chain-of-Custody Record

Client: GHD-Albuquerque

Sending Address: 6121 Indian School Rd

STE 200, Albuquerque, NM 87110

Phone #: 505-884-0672

Email or Fax#: Bernard.bowisch@ghd.com

A/QC Package: ☐ Level 4 (Full Validation)

Accreditation: ☐ NELAP ☐ Other

EDD (Type): _____

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.
7/16/14	1430	Soil	S-088210-29-072516-SF-01	4oz glass-1	Ice	1607097
	1434		S-088210-29-072516-SF-02			-001
	1440		S-088210-29-072516-SF-03			-002
	1445		S-088210-29-072516-SF-04			-003
	1451		S-088210-29-072516-SF-05			-004
	1456		S-088210-29-072516-SF-06			-005
	1501		S-088210-29-072516-SF-07			-006
	1506		S-088210-29-072516-SF-08			-007

Relinquished by: Steven Perry Date: 7/16/14 Time: 7:45

Relinquished by: [Signature] Date: 7/21/14 Time: 0915

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Endurance

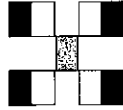
Project #: 088210/29

Project Manager: Bernard Bowisch

Sampler: Steve Perez

On Ice: ☒ Yes ☐ No

Sample Temperature: 4.0



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chloride 300.0	Air Bubbles (Y or N)
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Remarks:



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

August 04, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Endurance 25

OrderNo.: 1607E65

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 6 sample(s) on 7/28/2016 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1607E65

Date Reported: 8/4/2016

CLIENT: GHD
Project: Endurance 25

Lab Order: 1607E65

Lab ID: 1607E65-001 **Collection Date:** 7/26/2016 12:30:00 PM
Client Sample ID: S-088210-29-072616-SP-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/1/2016 4:12:30 PM	26717

Lab ID: 1607E65-002 **Collection Date:** 7/26/2016 12:35:00 PM
Client Sample ID: S-088210-29-072616-SP-02 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/1/2016 4:24:55 PM	26717

Lab ID: 1607E65-003 **Collection Date:** 7/26/2016 1:40:00 PM
Client Sample ID: S-088210-29-072616-SP-03 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	48	30		mg/Kg	20	8/1/2016 4:37:20 PM	26717

Lab ID: 1607E65-004 **Collection Date:** 7/26/2016 1:52:00 PM
Client Sample ID: S-088210-29-072616-SP-04 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/1/2016 4:49:45 PM	26717

Lab ID: 1607E65-005 **Collection Date:** 7/26/2016 1:59:00 PM
Client Sample ID: S-088210-29-072616-SP-05 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/1/2016 5:51:48 PM	26731

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1607E65

Date Reported: 8/4/2016

CLIENT: GHD

Project: Endurance 25

Lab Order: 1607E65

Lab ID: 1607E65-006

Collection Date: 7/26/2016 2:03:00 PM

Client Sample ID: S-088210-29-072616-SP-06

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	78	30		mg/Kg	20	8/1/2016 6:29:01 PM	26731

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607E65

04-Aug-16

Client: GHD
Project: Endurance 25

Sample ID	MB-26717		SampType: MBLK		TestCode: EPA Method 300.0: Anions					
Client ID:	PBS		Batch ID: 26717		RunNo: 36149					
Prep Date:	8/1/2016		Analysis Date: 8/1/2016		SeqNo: 1119517		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26717		SampType:	LCS		TestCode:	EPA Method 300.0: Anions				
Client ID:	LCSS		Batch ID:	26717		RunNo:	36149				
Prep Date:	8/1/2016		Analysis Date:	8/1/2016		SeqNo:	1119518		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	14	1.5	15.00	0	92.7	90	110				

Sample ID	MB-26731		SampType:	MBLK		TestCode:	EPA Method 300.0: Anions				
Client ID:	PBS		Batch ID:	26731		RunNo:	36149				
Prep Date:	8/1/2016		Analysis Date:	8/1/2016		SeqNo:	1119547		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	ND	1.5									

Sample ID	LCS-26731			SampType:	LCS		TestCode:	EPA Method 300.0: Anions			
Client ID:	LCSS			Batch ID:	26731		RunNo:	36149			
Prep Date:	8/1/2016			Analysis Date:	8/1/2016		SeqNo:	1119549		Units:	mg/Kg
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	14	1.5	15.00	0	92.9	90	110				

Qualifiers:

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

Sample Log-In Check List

Client Name: GHD

Work Order Number: 1607E65

RcptNo: 1

Received by/date:

AG 07/28/16

Logged By: Lindsay Mangin

7/28/2016 9:35:00 AM

Completed By: Lindsay Mangin

7/28/2016 9:50:49 AM

Reviewed By:

AS 07/28/16

[Signature]

[Signature]

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 ☒

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) properly 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?

Yes ☐

No ☒

12. Does paperwork match bottle labels?

Yes ☒

No ☐

(Note discrepancies on chain of custody)

13. Are matrices correctly identified on Chain of Custody?

Yes ☒

No ☐

14. Is it clear what analyses were requested?

Yes ☒

No ☐

15. Were all holding times able to be met?

Yes ☒

No ☐

(If no, notify customer for authorization.)

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order?

Yes ☐

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	Signed By
1	1.3	Good	Yes			



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

August 05, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Endurance 25 SWD #2

OrderNo.: 1607F54

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 16 sample(s) on 7/29/2016 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1607F54

Date Reported: 8/5/2016

CLIENT: GHD
Project: Endurance 25 SWD #2

Lab Order: 1607F54

Lab ID: 1607F54-001 **Collection Date:** 7/27/2016 11:55:00 AM
Client Sample ID: S-088210-29-072716-SP-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	49	30		mg/Kg	20	8/3/2016 12:31:37 PM	26766

Lab ID: 1607F54-002 **Collection Date:** 7/27/2016 12:36:00 PM
Client Sample ID: S-088210-29-072716-SP-02 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	54	30		mg/Kg	20	8/3/2016 1:33:39 PM	26766

Lab ID: 1607F54-003 **Collection Date:** 7/27/2016 1:54:00 PM
Client Sample ID: S-088210-29-072716-SP-03 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	110	30		mg/Kg	20	8/3/2016 1:46:03 PM	26766

Lab ID: 1607F54-004 **Collection Date:** 7/27/2016 3:02:00 PM
Client Sample ID: S-088210-29-072716-SP-04 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	8/3/2016 1:58:28 PM	26766

Lab ID: 1607F54-005 **Collection Date:** 7/27/2016 3:06:00 PM
Client Sample ID: S-088210-29-072716-SP-05 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	8/3/2016 2:10:52 PM	26766

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1607F54

Date Reported: 8/5/2016

CLIENT: GHD
Project: Endurance 25 SWD #2

Lab Order: 1607F54

Lab ID: 1607F54-006 **Collection Date:** 7/27/2016 3:11:00 PM
Client Sample ID: S-088210-29-072716-SP-06 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/3/2016 2:23:17 PM	26766

Lab ID: 1607F54-007 **Collection Date:** 7/27/2016 3:14:00 PM
Client Sample ID: S-088210-29-072716-SP-07 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/3/2016 2:35:42 PM	26766

Lab ID: 1607F54-008 **Collection Date:** 7/27/2016 3:24:00 PM
Client Sample ID: S-088210-29-072716-SP-08 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/3/2016 2:48:07 PM	26766

Lab ID: 1607F54-009 **Collection Date:** 7/28/2016 1:21:00 PM
Client Sample ID: S-088210-29-072816-SP-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	200	30		mg/Kg	20	8/3/2016 3:00:32 PM	26766

Lab ID: 1607F54-010 **Collection Date:** 7/28/2016 1:23:00 PM
Client Sample ID: S-088210-29-072816-SP-02 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/3/2016 3:37:46 PM	26766

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1607F54

Date Reported: 8/5/2016

CLIENT: GHD
Project: Endurance 25 SWD #2

Lab Order: 1607F54

Lab ID: 1607F54-011 **Collection Date:** 7/28/2016 1:25:00 PM
Client Sample ID: S-088210-29-072816-SP-03 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	40	30		mg/Kg	20	8/3/2016 3:50:10 PM	26766

Lab ID: 1607F54-012 **Collection Date:** 7/28/2016 1:30:00 PM
Client Sample ID: S-088210-29-072816-SP-04 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/3/2016 4:02:35 PM	26766

Lab ID: 1607F54-013 **Collection Date:** 7/28/2016 1:34:00 PM
Client Sample ID: S-088210-29-072816-SP-05 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/3/2016 4:15:00 PM	26766

Lab ID: 1607F54-014 **Collection Date:** 7/28/2016 1:39:00 PM
Client Sample ID: S-088210-29-072816-SP-06 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	98	30		mg/Kg	20	8/3/2016 4:27:25 PM	26766

Lab ID: 1607F54-015 **Collection Date:** 7/28/2016 1:45:00 PM
Client Sample ID: S-088210-29-072816-SP-07 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	52	30		mg/Kg	20	8/3/2016 4:39:49 PM	26766

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 3 of 5
	D	Sample Diluted Due to Matrix	E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1607F54

Date Reported: 8/5/2016

CLIENT: GHD
Project: Endurance 25 SWD #2

Lab Order: 1607F54

Lab ID: 1607F54-016

Collection Date: 7/28/2016 2:25:00 PM

Client Sample ID: S-088210-29-072816-SP-08

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	2700	150		mg/Kg	100	8/2/2016 3:34:00 PM	26717

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607F54

05-Aug-16

Client: GHD

Project: Endurance 25 SWD #2

Sample ID	MB-26717		SampType: MBLK		TestCode: EPA Method 300.0: Anions					
Client ID:	PBS		Batch ID: 26717		RunNo: 36149					
Prep Date:	8/1/2016		Analysis Date: 8/1/2016		SeqNo: 1119517		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26717		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 26717		RunNo: 36149					
Prep Date:	8/1/2016		Analysis Date: 8/1/2016		SeqNo: 1119518		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	90	110			

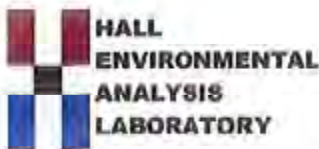
Sample ID	MB-26766		SampType: mblk		TestCode: EPA Method 300.0: Anions					
Client ID:	PBS		Batch ID: 26766		RunNo: 36217					
Prep Date:	8/3/2016		Analysis Date: 8/3/2016		SeqNo: 1121709		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26766		SampType: lcs		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 26766		RunNo: 36217					
Prep Date:	8/3/2016		Analysis Date: 8/3/2016		SeqNo: 1121710		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.5	90	110			

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
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: GHD

Work Order Number: 1607F54

ReptNo: 1

Received by/date:

LC 07/29/16

Logged By: Joe Archuleta

7/29/2016 9:30:00 AM

Completed By: Joe Archuleta

7/29/2016 12:05:21 PM

Reviewed By

IO 7/29/16

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 $>0^{\circ}\text{C}$ 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) properly 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? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
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 ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ 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	Signed By
1	2.4	Good	Yes			

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

mail or Fax#: <u>Bernard Bouleau @ gbl.com</u>	Project Manager: <u>Bernard Bouleau</u>
A/QC Package: <input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation) <input checked="" type="checkbox"/> creditation <input type="checkbox"/> NELAP <input type="checkbox"/> Other _____	Sampler: <u>Steve Perez</u>
	On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
EDD (Type)	Sample Temperature: <u>2.4</u>

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.
8-16	1321	Ser	S-088210-29-072816-SF-01	40296321	SE	1607F54
	1323		S-088210-29-072816-SF-02	4		-009
	1325		S-088210-29-072816-SF-03			-010
	1330		S-088210-29-072816-SF-04			-011
	1334		S-088210-29-072816-SF-05			-012
	1339		S-088210-29-072816-SF-06			-013
	1345		S-088210-29-072816-SF-07			-014
	1425		S-088210-29-072816-SF-08			-015

Date	Time:	Relinquished by:	Received by:	Date	Time
8-16	6:40	Karen Perez	Michelle Marshall	7/28/17	4:43
8-16					
	Time:	Relinquished by:	Received by:	Date <td>Time</td>	Time
			Lindsey Comely	07/29/16	9:30

Remarks:

marks:
please call 5088219-279-072816-SF-08
for #8 hr turn-around

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



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

August 09, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Endurance 25

OrderNo.: 1608277

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 10 sample(s) on 8/2/2016 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1608277

Date Reported: 8/9/2016

CLIENT: GHD **Lab Order:** 1608277
Project: Endurance 25

Lab ID: 1608277-001 **Collection Date:** 7/29/2016 12:46:00 PM
Client Sample ID: S-088210-29-072916-SP-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/5/2016 1:55:22 PM	26815

Lab ID: 1608277-002 **Collection Date:** 7/29/2016 12:50:00 PM
Client Sample ID: S-088210-29-072916-SP-02 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	110	30		mg/Kg	20	8/5/2016 2:32:36 PM	26815

Lab ID: 1608277-003 **Collection Date:** 7/29/2016 12:55:00 PM
Client Sample ID: S-088210-29-072916-SP-03 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	230	30		mg/Kg	20	8/5/2016 4:49:07 PM	26815

Lab ID: 1608277-004 **Collection Date:** 7/29/2016 1:00:00 PM
Client Sample ID: S-088210-29-072916-SP-04 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/5/2016 5:01:32 PM	26815

Lab ID: 1608277-005 **Collection Date:** 7/29/2016 1:04:00 PM
Client Sample ID: S-088210-29-072916-SP-05 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	59	30		mg/Kg	20	8/5/2016 3:09:50 PM	26815

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 1 of 3
	D	Sample Diluted Due to Matrix	E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1608277

Date Reported: 8/9/2016

CLIENT: GHD
Project: Endurance 25

Lab Order: 1608277

Lab ID: 1608277-006 **Collection Date:** 7/29/2016 1:10:00 PM
Client Sample ID: S-088210-29-072916-SP-06 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/5/2016 3:22:15 PM	26815

Lab ID: 1608277-007 **Collection Date:** 7/29/2016 1:14:00 PM
Client Sample ID: S-088210-29-072916-SP-07 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/5/2016 3:59:28 PM	26815

Lab ID: 1608277-008 **Collection Date:** 7/29/2016 1:18:00 PM
Client Sample ID: S-088210-29-072916-SP-08 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/5/2016 4:11:53 PM	26815

Lab ID: 1608277-009 **Collection Date:** 7/29/2016 1:25:00 PM
Client Sample ID: S-088210-29-072916-SP-09 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/5/2016 6:28:25 PM	26815

Lab ID: 1608277-010 **Collection Date:** 7/29/2016 1:30:00 PM
Client Sample ID: S-088210-29-072916-SP-10 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/5/2016 6:40:50 PM	26815

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608277

09-Aug-16

Client: GHD
Project: Endurance 25

Sample ID	MB-26815	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	26815	RunNo:	36295					
Prep Date:	8/5/2016	Analysis Date:	8/5/2016	SeqNo:	1124236	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26815	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	26815	RunNo:	36295					
Prep Date:	8/5/2016	Analysis Date:	8/5/2016	SeqNo:	1124237	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.7	90	110			

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
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 87105
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD

Work Order Number: 1608277

RcptNo: 1

Received by/date:

AS

08/02/16

Logged By: Lindsay Mangin

8/2/2016 10:00:00 AM

Lindsay Mangin

Completed By: Lindsay Mangin

8/4/2016 3:08:24 PM

Lindsay Mangin

Reviewed By:

AS

08/05/16

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 $>0^{\circ}\text{C}$ 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) properly 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? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐ # of preserved bottles checked for pH: ☐ (<2 or >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 with this order? Yes ☐ 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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.2	Good	Yes			

Chain-of-Custody Record

Client: GAH - Albuquerque

Project Name: Eden 25

Project #: 088210/29

Project Manager: Steve Perez

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.2°C

Container Type and # 4oz glass - 1

Preservative Type ICE

HEAL No. 1608277

Turn-Around Time:

☒ Standard ☐ Rush

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTX + MTBE + TMB's (8021)	BTX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	X	Chloride 300.0	Air Bubbles (Y or N)
---------------------------	-----------------------------	-----------------------------	--------------------	--------------------	---------------------------	---------------	--	------------------------------	-------------	-----------------	---	----------------	----------------------

Remarks:

Date: 1-16 Time: 1455 Relinquished by: [Signature]

Date: 8/16/16 Time: 1455 Received by: [Signature]

Date: 1-16 Time: 1455 Relinquished by: [Signature]

Date: 08/02/16 Time: 1000 Received by: [Signature]



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

August 08, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Endurance 25

OrderNo.: 1608145

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 6 sample(s) on 8/2/2016 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1608145

Date Reported: 8/8/2016

CLIENT: GHD
Project: Endurance 25

Lab Order: 1608145

Lab ID: 1608145-001 **Collection Date:** 8/1/2016 1:20:00 PM
Client Sample ID: S-088210-29-080116-SP-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	44	30		mg/Kg	20	8/5/2016 5:13:57 PM	26815

Lab ID: 1608145-002 **Collection Date:** 8/1/2016 1:23:00 PM
Client Sample ID: S-088210-29-080116-SP-02 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/5/2016 5:26:21 PM	26815

Lab ID: 1608145-003 **Collection Date:** 8/1/2016 1:51:00 PM
Client Sample ID: S-088210-29-080116-SP-03 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	460	30		mg/Kg	20	8/5/2016 5:38:46 PM	26815

Lab ID: 1608145-004 **Collection Date:** 8/1/2016 1:54:00 PM
Client Sample ID: S-088210-29-080116-SP-04 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/5/2016 7:18:04 PM	26832

Lab ID: 1608145-005 **Collection Date:** 8/1/2016 1:57:00 PM
Client Sample ID: S-088210-29-080116-SP-05 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	2000	75		mg/Kg	50	8/5/2016 4:24:18 PM	26815

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1608145

Date Reported: 8/8/2016

CLIENT: GHD
Project: Endurance 25

Lab Order: 1608145

Lab ID: 1608145-006

Collection Date: 8/1/2016 2:00:00 PM

Client Sample ID: S-088210-29-080116-SP-06

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	2000	75		mg/Kg	50	8/5/2016 4:36:42 PM	26815

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608145

08-Aug-16

Client: GHD
Project: Endurance 25

Sample ID	MB-26815	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	26815	RunNo:	36295					
Prep Date:	8/5/2016	Analysis Date:	8/5/2016	SeqNo:	1124236	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26815	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	26815	RunNo:	36295					
Prep Date:	8/5/2016	Analysis Date:	8/5/2016	SeqNo:	1124237	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.7	90	110			

Sample ID	MB-26832	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	26832	RunNo:	36295					
Prep Date:	8/5/2016	Analysis Date:	8/5/2016	SeqNo:	1124274	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26832	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	26832	RunNo:	36295					
Prep Date:	8/5/2016	Analysis Date:	8/5/2016	SeqNo:	1124275	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.4	90	110			

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
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: GHD

Work Order Number: 1608145

RcptNo: 1

Received by/date:

AS

08/02/16

Logged By: Lindsay Mangin

8/2/2016 10:00:00 AM

Lindsay Mangin

Completed By: Lindsay Mangin

8/3/2016 10:10:15 AM

Lindsay Mangin

Reviewed By:

IO

08/03/16

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 $>0^{\circ}\text{C}$ 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) properly 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?

Yes ☐

No ☒

of preserved bottles checked for pH:

12. Does paperwork match bottle labels?

Yes ☒

No ☐

(Note discrepancies on chain of custody)

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?

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 ☐

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	Signed By
1	2.2	Good	Yes			

Chain-of-Custody Record

Ident: 640-ALBUQUERQUE

Mailing Address:

Phone #: 505-888-0672

Fax or Fax#: Bernard, Bob

A/QC Package:

Standard ☐ Level 4 (Full Validation)

Accreditation

NELAP ☐ Other

EDD (Type)

Date	Time	Matrix	Sample Request ID
1/16/1320	5:01	Soil	5-08820-29-080116-SR-01
1/16/1323	1		5-08820-29-080116-SR-02
1/16/1351	1		5-08820-29-080116-SR-03
1/16/1354	1		5-08820-29-080116-SR-04
1/16/1357	1		5-08820-29-080116-SR-05
1/16/1400	1		5-08820-29-080116-SR-06

Turn-Around Time: ☒ see remarks

☒ Standard ☐ Rush

Project Name:

Hudon 25

Project #:

088210/29

Project Manager:

Bernard Bachsch
505-280-0572

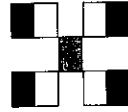
Sampler:

Steve Perez

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.2°C

Container Type and #	Preservative Type	HEAL No
429/48-1	JCE	1608145
		-001
		-002
		-003
		-004
		-005
		-006



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX + MTBE + TMBs (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAHs (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCBs	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
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Relinquished by:

Received by:

Date



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

August 15, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Endurance 25

OrderNo.: 1608364

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 17 sample(s) on 8/5/2016 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1608364

Date Reported: 8/15/2016

CLIENT: GHD
Project: Endurance 25

Lab Order: 1608364

Lab ID: 1608364-001 **Collection Date:** 8/3/2016 2:20:00 PM
Client Sample ID: S-088210-29-080316-SP-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/10/2016 5:39:44 AM	26873

Lab ID: 1608364-002 **Collection Date:** 8/3/2016 2:24:00 PM
Client Sample ID: S-088210-29-080316-SP-02 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/10/2016 5:52:09 AM	26873

Lab ID: 1608364-003 **Collection Date:** 8/3/2016 2:29:00 PM
Client Sample ID: S-088210-29-080316-SP-03 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	91	30		mg/Kg	20	8/10/2016 6:04:34 AM	26873

Lab ID: 1608364-004 **Collection Date:** 8/3/2016 2:33:00 PM
Client Sample ID: S-088210-29-080316-SP-04 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	370	30		mg/Kg	20	8/10/2016 6:16:59 AM	26873

Lab ID: 1608364-005 **Collection Date:** 8/3/2016 2:38:00 PM
Client Sample ID: S-088210-29-080316-SP-05 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/10/2016 6:29:23 AM	26873

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1608364

Date Reported: 8/15/2016

CLIENT: GHD
Project: Endurance 25

Lab Order: 1608364

Lab ID: 1608364-006 **Collection Date:** 8/3/2016 2:45:00 PM
Client Sample ID: S-088210-29-080316-SP-06 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/10/2016 9:57:29 AM	26873

Lab ID: 1608364-007 **Collection Date:** 8/4/2016 2:15:00 PM
Client Sample ID: S-088210-29-080416-SP-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/10/2016 10:09:53 AM	26873

Lab ID: 1608364-008 **Collection Date:** 8/4/2016 2:20:00 PM
Client Sample ID: S-088210-29-080416-SP-02 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/10/2016 10:22:17 AM	26873

Lab ID: 1608364-009 **Collection Date:** 8/4/2016 2:24:00 PM
Client Sample ID: S-088210-29-080416-SP-03 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/10/2016 10:34:42 AM	26873

Lab ID: 1608364-010 **Collection Date:** 8/4/2016 2:28:00 PM
Client Sample ID: S-088210-29-080416-SP-04 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/10/2016 10:47:07 AM	26873

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1608364

Date Reported: 8/15/2016

CLIENT: GHD
Project: Endurance 25

Lab Order: 1608364

Lab ID: 1608364-011 **Collection Date:** 8/4/2016 2:32:00 PM
Client Sample ID: S-088210-29-080416-SP-05 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/10/2016 10:59:31 AM	26873

Lab ID: 1608364-012 **Collection Date:** 8/4/2016 2:36:00 PM
Client Sample ID: S-088210-29-080416-SP-06 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/10/2016 11:11:55 AM	26873

Lab ID: 1608364-013 **Collection Date:** 8/4/2016 2:40:00 PM
Client Sample ID: S-088210-29-080416-SP-07 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	42	30		mg/Kg	20	8/10/2016 11:24:19 AM	26873

Lab ID: 1608364-014 **Collection Date:** 8/4/2016 2:42:00 PM
Client Sample ID: S-088210-29-080416-SP-08 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/10/2016 11:36:44 AM	26873

Lab ID: 1608364-015 **Collection Date:** 8/4/2016 2:44:00 PM
Client Sample ID: S-088210-29-080416-SP-09 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	110	30		mg/Kg	20	8/10/2016 1:03:36 PM	26893

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

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

Analytical ReportLab Order: **1608364**Date Reported: **8/15/2016****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** GHD
Project: Endurance 25**Lab Order:** 1608364**Lab ID:** 1608364-016**Collection Date:** 8/4/2016 2:51:00 PM**Client Sample ID:** S-088210-29-080416-SP-10**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	8/10/2016 1:40:48 PM	26893

Lab ID: 1608364-017**Collection Date:** 8/4/2016 2:55:00 PM**Client Sample ID:** S-088210-29-080416-SP-11**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	8/10/2016 1:53:12 PM	26893

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608364

15-Aug-16

Client: GHD
Project: Endurance 25

Sample ID	MB-26873	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	26873	RunNo:	36358					
Prep Date:	8/9/2016	Analysis Date:	8/10/2016	SeqNo:	1126271	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26873	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	26873	RunNo:	36358					
Prep Date:	8/9/2016	Analysis Date:	8/10/2016	SeqNo:	1126272	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.2	90	110			

Sample ID	MB-26893	SampType:	mblk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	26893	RunNo:	36382					
Prep Date:	8/10/2016	Analysis Date:	8/10/2016	SeqNo:	1127254	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26893	SampType:	lcs	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	26893	RunNo:	36382					
Prep Date:	8/10/2016	Analysis Date:	8/10/2016	SeqNo:	1127255	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.5	90	110			

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

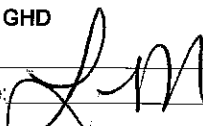
Sample Log-In Check List

Client Name: GHD

Work Order Number: 1608364

RcptNo: 1

Received by/date:

 08/05/16

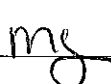
Logged By: Ashley Gallegos

8/5/2016 10:30:00 AM

Completed By: Ashley Gallegos

8/5/2016 3:23:45 PM

Reviewed By:

 08/08/16 @ 1605

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 ☒ 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) properly 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? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
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 ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ 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	Signed By
1	2.8	Good	Yes			

Chain-of-Custody Record

Client: GHD-Albuquerque

Mailing Address: 621 Indian School Rd NE

Site: Ste 200, Albuquerque NM 87110

Phone #: 505-884-0672

Email or Fax #: bernard.boelwisch@ghd.com

A/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Endurance 25

Project #:

088210/129

Project Manager:

Bernard Boelwisch

Sampler:

Steve Perez

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.5

Date Time Matrix Sample Request ID

Container Type and #

Preservative Type

HEAL No.

14083163

-001

-002

-003

-004

-005

-006

3161920

1429

1429

1433

1438

1445

Soil

Soil

Soil

Soil

Soil

Soil

5088210-29-080316-SP-01

5088210-29-080316-SP-02

5088210-29-080316-SP-03

5088210-29-080316-SP-04

5088210-29-080316-SP-05

5088210-29-080316-SP-06

Relinquished by:

Steve Perez

Received by:

8/4/10 17:40

Date:

Time:

Relinquished by:

Steve Perez

Received by:

8/5/10 10:30

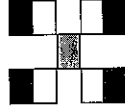
Date:

Time:

Remarks:

BTEX + MTBE + TMB's (8021)
BTEX + MTBE + TPH (Gas only)
TPH 8015B (GRO / DRO / MRO)
TPH (Method 418.1)
EDB (Method 504.1)
PAH's (8310 or 8270 SIMS)
RCRA 8 Metals
Anions (F, Cl, NO₃, NO₂, PO₄, SO₄)
8081 Pesticides / 8082 PCB's
8260B (VOA)
8270 (Semi-VOA)
X Chloride 300.0
Air Bubbles (Y or N)

Analysis Request

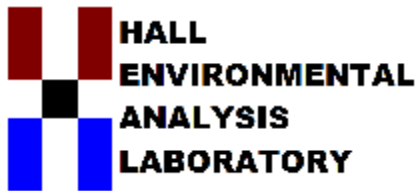


HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107



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

August 18, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Endurance 25

OrderNo.: 1608486

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 9 sample(s) on 8/8/2016 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1608486

Date Reported: 8/18/2016

CLIENT: GHD
Project: Endurance 25

Lab Order: 1608486

Lab ID: 1608486-001 **Collection Date:** 8/5/2016 2:00:00 PM
Client Sample ID: S-088210-29-080516-SP-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	59	30		mg/Kg	20	8/10/2016 3:57:18 PM	26893

Lab ID: 1608486-002 **Collection Date:** 8/5/2016 2:05:00 PM
Client Sample ID: S-088210-29-080516-SP-02 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/10/2016 4:09:43 PM	26893

Lab ID: 1608486-003 **Collection Date:** 8/5/2016 2:10:00 PM
Client Sample ID: S-088210-29-080516-SP-03 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/10/2016 4:22:08 PM	26893

Lab ID: 1608486-004 **Collection Date:** 8/5/2016 2:15:00 PM
Client Sample ID: S-088210-29-080516-SP-04 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/10/2016 4:34:33 PM	26893

Lab ID: 1608486-005 **Collection Date:** 8/5/2016 2:20:00 PM
Client Sample ID: S-088210-29-080516-SP-05 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/12/2016 12:22:09 PM	26964

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

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

Analytical ReportLab Order: **1608486**Date Reported: **8/18/2016****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** GHD
Project: Endurance 25**Lab Order:** 1608486**Lab ID:** 1608486-006 **Collection Date:** 8/5/2016 2:25:00 PM
Client Sample ID: S-088210-29-080516-SP-06 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/12/2016 12:59:24 PM	26964

Lab ID: 1608486-007 **Collection Date:** 8/5/2016 2:30:00 PM
Client Sample ID: S-088210-29-080516-SP-07 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	110	30		mg/Kg	20	8/12/2016 1:11:49 PM	26964

Lab ID: 1608486-008 **Collection Date:** 8/5/2016 2:35:00 PM
Client Sample ID: S-088210-29-080516-SP-08 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/12/2016 1:24:13 PM	26964

Lab ID: 1608486-009 **Collection Date:** 8/5/2016 2:40:00 PM
Client Sample ID: S-088210-29-080516-SP-09 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/12/2016 2:01:27 PM	26964

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608486

18-Aug-16

Client: GHD
Project: Endurance 25

Sample ID	MB-26893		SampType: mblk		TestCode: EPA Method 300.0: Anions					
Client ID:	PBS		Batch ID: 26893		RunNo: 36382					
Prep Date:	8/10/2016		Analysis Date: 8/10/2016		SeqNo: 1127254		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26893		SampType:	lcs		TestCode:	EPA Method 300.0: Anions				
Client ID:	LCSS		Batch ID:	26893		RunNo:	36382				
Prep Date:	8/10/2016		Analysis Date:	8/10/2016		SeqNo:	1127255		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	14	1.5	15.00	0	93.5	90	110				

Sample ID	MB-26964		SampType:	MBLK		TestCode:	EPA Method 300.0: Anions				
Client ID:	PBS		Batch ID:	26964		RunNo:	36494				
Prep Date:	8/12/2016		Analysis Date:	8/12/2016		SeqNo:	1130035		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	ND	1.5									

Sample ID	LCS-26964		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 26964		RunNo: 36494					
Prep Date:	8/12/2016		Analysis Date: 8/12/2016		SeqNo: 1130036		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.9	90	110			

Qualifiers:

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

Work Order Number: 1608486

RcptNo: 1

Received by/date:

AG

08/08/16

Logged By: Ashley Gallegos

8/8/2016 12:36:00 PM

AG

Completed By: Ashley Gallegos

8/8/2016 5:27:20 PM

AG

Reviewed By:

my

08/09/16

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? Client

Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ 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) properly 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? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
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 ☐
- # of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by:

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ 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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.5	Good	Not Present			



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

August 18, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Endurance 25

OrderNo.: 1608698

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 12 sample(s) on 8/10/2016 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1608698

Date Reported: 8/18/2016

CLIENT: GHD **Lab Order:** 1608698
Project: Endurance 25

Lab ID: 1608698-001 **Collection Date:** 8/9/2016 1:55:00 PM
Client Sample ID: S-088210-29-080916-SP-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/15/2016 6:16:53 PM	26992

Lab ID: 1608698-002 **Collection Date:** 8/9/2016 2:00:00 PM
Client Sample ID: S-088210-29-080916-SP-02 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/15/2016 6:29:17 PM	26992

Lab ID: 1608698-003 **Collection Date:** 8/9/2016 2:05:00 PM
Client Sample ID: S-088210-29-080916-SP-03 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	44	30		mg/Kg	20	8/15/2016 6:41:42 PM	26992

Lab ID: 1608698-004 **Collection Date:** 8/9/2016 2:10:00 PM
Client Sample ID: S-088210-29-080916-SP-04 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/16/2016 1:21:51 PM	27014

Lab ID: 1608698-005 **Collection Date:** 8/9/2016 2:15:00 PM
Client Sample ID: S-088210-29-080916-SP-05 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/16/2016 1:59:05 PM	27014

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	
	D	Sample Diluted Due to Matrix	E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range	Page 1 of 4
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1608698

Date Reported: 8/18/2016

CLIENT: GHD
Project: Endurance 25

Lab Order: 1608698

Lab ID: 1608698-006 **Collection Date:** 8/9/2016 2:20:00 PM
Client Sample ID: S-088210-29-080916-SP-06 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/16/2016 2:11:29 PM	27014

Lab ID: 1608698-007 **Collection Date:** 8/9/2016 2:25:00 PM
Client Sample ID: S-088210-29-080916-SP-07 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/16/2016 2:23:53 PM	27014

Lab ID: 1608698-008 **Collection Date:** 8/9/2016 2:30:00 PM
Client Sample ID: S-088210-29-080916-SP-08 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/16/2016 2:36:18 PM	27014

Lab ID: 1608698-009 **Collection Date:** 8/9/2016 2:35:00 PM
Client Sample ID: S-088210-29-080916-SP-09 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/16/2016 2:48:43 PM	27014

Lab ID: 1608698-010 **Collection Date:** 8/9/2016 2:40:00 PM
Client Sample ID: S-088210-29-080916-SP-10 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	ND	30		mg/Kg	20	8/16/2016 3:01:07 PM	27014

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

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

Analytical ReportLab Order: **1608698**Date Reported: **8/18/2016****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** GHD
Project: Endurance 25**Lab Order:** 1608698**Lab ID:** 1608698-011**Collection Date:** 8/9/2016 2:45:00 PM**Client Sample ID:** S-088210-29-080916-SP-11**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **LGT**

Chloride	ND	30		mg/Kg	20	8/16/2016 3:13:32 PM	27014
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Lab ID: 1608698-012**Collection Date:** 8/9/2016 2:50:00 PM**Client Sample ID:** S-088210-29-080916-SP-12**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **LGT**

Chloride	ND	30		mg/Kg	20	8/16/2016 3:50:45 PM	27014
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608698

18-Aug-16

Client: GHD
Project: Endurance 25

Sample ID	MB-26992	SampType:	mblk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	26992	RunNo:	36525					
Prep Date:	8/15/2016	Analysis Date:	8/15/2016	SeqNo:	1130975	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26992	SampType:	lcs	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	26992	RunNo:	36525					
Prep Date:	8/15/2016	Analysis Date:	8/15/2016	SeqNo:	1130976	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.6	90	110			

Sample ID	MB-27014	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	27014	RunNo:	36535					
Prep Date:	8/16/2016	Analysis Date:	8/16/2016	SeqNo:	1131490	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-27014	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	27014	RunNo:	36535					
Prep Date:	8/16/2016	Analysis Date:	8/16/2016	SeqNo:	1131491	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.1	90	110			

Qualifiers:

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

Work Order Number: 1608698

RcptNo: 1

Received by/date:	CT	08/10/16	
Logged By:	Michelle Garcia	8/10/2016 4:00:00 PM	Michelle Garcia
Completed By:	Michelle Garcia	8/11/2016 3:14:43 PM	Michelle Garcia
Reviewed By:	AS	08/12/16	

Chain of Custody

- | | | | |
|--|---|-----------------------------|---|
| 1. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 2. Is Chain of Custody complete? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 3. How was the sample delivered? | Courier | | |

Log In

- | | | | |
|---|---|--|--|
| 4. Was an attempt made to cool the samples? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 5. Were all samples received at a temperature of >0° C to 6.0°C | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 6. Sample(s) in proper container(s)? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Sufficient sample volume for indicated test(s)? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Are samples (except VOA and ONG) properly preserved? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Was preservative added to bottles? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | NA <input type="checkbox"/> |
| 10. VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | No VOA Vials <input checked="" type="checkbox"/> |
| 11. Were any sample containers received broken? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 13. Are matrices correctly identified on Chain of Custody? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 14. Is it clear what analyses were requested? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 15. Were all holding times able to be met?
(If no, notify customer for authorization.) | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |

# of preserved bottles checked for pH:	
(<2 or >12 unless noted)	
Adjusted?	
Checked by:	

Special Handling (if applicable)

- | | | | |
|---|------------------------------|-----------------------------|--|
| 16. Was client notified of all discrepancies with this order? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
|---|------------------------------|-----------------------------|--|

Person Notified:		Date:	
By Whom:		Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.0	Good	Yes			

Chain-of-Custody Record

Client: GHD-Albuquerque

Mailing Address: 6121 Indian School Rd NE

Ste 200 Albuquerque, NM, 87110

Phone #: 505-884-0672

email or Fax#: Bernard.Bockisch@ghd.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Endurance 25

Project #:

088210/29

Project Manager:

Bernard Bockisch

505-280-0572

Sampler: Steve Perez

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.0

Date Time Matrix Sample Request ID

Container Type and #

Preservative Type

HEAL No.

8-9-16 1355 Soil S-088210-29-080916-S-01

1400 S-088210-29-080916-S-02

1405 S-088210-29-080916-S-03

1410 S-088210-29-080916-S-04

1415 S-088210-29-080916-S-05

1420 S-088210-29-080916-S-06

1425 S-088210-29-080916-S-07

1430 S-088210-29-080916-S-08

1435 S-088210-29-080916-S-09

1440 S-088210-29-080916-S-10

1445 S-088210-29-080916-S-11

1450 S-088210-29-080916-S-12

Date: Relinquished by:

3-9-16 0800 Steven Bary

Date: Relinquished by:

11-01-16 1300 Spal

Received by:

Spal 8/16/16 0800

Received by:

Spal 8/16/16 0800

Remarks:



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chloride 300.0	Air Bubbles (Y or N)
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Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

August 18, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Endurance 25

OrderNo.: 1608777

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 7 sample(s) on 8/12/2016 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1608777

Date Reported: 8/18/2016

CLIENT: GHD
Project: Endurance 25

Lab Order: 1608777

Lab ID: 1608777-001 **Collection Date:** 8/10/2016 9:05:00 AM
Client Sample ID: S-088210-29-081016-SP-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	2000	75		mg/Kg	50	8/16/2016 12:19:48 PM	26992

Lab ID: 1608777-002 **Collection Date:** 8/10/2016 9:25:00 AM
Client Sample ID: S-088210-29-081016-SP-02 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	4000	150		mg/Kg	100	8/16/2016 12:32:13 PM	26992

Lab ID: 1608777-003 **Collection Date:** 8/10/2016 9:50:00 AM
Client Sample ID: S-088210-29-081016-SP-03 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: LGT							
Chloride	3500	150		mg/Kg	100	8/16/2016 12:44:37 PM	26992

Lab ID: 1608777-004 **Collection Date:** 8/10/2016 11:30:00 AM
Client Sample ID: S-088210-29-081016-SP-04 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	160	30		mg/Kg	20	8/17/2016 1:59:23 PM	27036

Lab ID: 1608777-005 **Collection Date:** 8/10/2016 11:35:00 AM
Client Sample ID: S-088210-29-081016-SP-05 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS Analyst: MRA							
Chloride	ND	30		mg/Kg	20	8/17/2016 2:11:48 PM	27036

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

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

Analytical ReportLab Order: **1608777**Date Reported: **8/18/2016****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** GHD
Project: Endurance 25**Lab Order:** 1608777**Lab ID:** 1608777-006**Collection Date:** 8/10/2016 12:18:00 PM**Client Sample ID:** S-088210-29-081016-SP-06**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	8/17/2016 2:24:13 PM	27036

Lab ID: 1608777-007**Collection Date:** 8/10/2016 12:23:00 PM**Client Sample ID:** S-088210-29-081016-SP-07**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	8/17/2016 2:36:37 PM	27036

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608777

18-Aug-16

Client: GHD
Project: Endurance 25

Sample ID	MB-26992	SampType:	mblk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	26992	RunNo:	36525					
Prep Date:	8/15/2016	Analysis Date:	8/15/2016	SeqNo:	1130975	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26992	SampType:	lcs	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	26992	RunNo:	36525					
Prep Date:	8/15/2016	Analysis Date:	8/15/2016	SeqNo:	1130976	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.6	90	110			

Qualifiers:

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

Sample Log-In Check List

Client Name: GHD

Work Order Number: 1608777

RcptNo: 1

Received by/date:

AS

08/12/16

Logged By: Ashley Gallegos

8/12/2016 9:40:00 AM

AG

Completed By: Ashley Gallegos

8/12/2016 2:31:07 PM

AG

Reviewed By:

[Signature]

08/12/16

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 ☐ No ☒ NA ☐
Not required
6. Sample(s) in proper container(s)? Yes ☒ No ☐
Not required
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 ☒ NA ☐
10. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
of preserved bottles checked for pH: (<2 or >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 with this order? Yes ☐ 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	Signed By
1	22.8	Good	Not Present			



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

September 01, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Endurance 25

OrderNo.: 1608G37

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 3 sample(s) on 8/26/2016 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical ReportLab Order: **1608G37**Date Reported: **9/1/2016****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** GHD**Lab Order:** 1608G37**Project:** Endurance 25**Lab ID:** 1608G37-001**Collection Date:** 8/24/2016 1:45:00 PM**Client Sample ID:** S-088210-29-082416-SP-01**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **LGT**

Chloride	1100	30		mg/Kg	20	8/30/2016 11:43:15 AM	27249
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Lab ID: 1608G37-002**Collection Date:** 8/24/2016 2:19:00 PM**Client Sample ID:** S-088210-29-082416-SP-02**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	-----	------	-------	----	---------------	----------

EPA METHOD 300.0: ANIONSAnalyst: **LGT**

Chloride	590	30		mg/Kg	20	8/30/2016 12:20:28 PM	27249
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Lab ID: 1608G37-003**Collection Date:** 8/24/2016 2:45:00 PM**Client Sample ID:** S-088210-29-082416-SP-03**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	-----	------	-------	----	---------------	----------

EPA METHOD 300.0: ANIONSAnalyst: **LGT**

Chloride	620	30		mg/Kg	20	8/30/2016 12:32:53 PM	27249
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608G37

01-Sep-16

Client: GHD
Project: Endurance 25

Sample ID	MB-27249	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	27249	RunNo:	36886					
Prep Date:	8/30/2016	Analysis Date:	8/30/2016	SeqNo:	1143014	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-27249	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	27249	RunNo:	36886					
Prep Date:	8/30/2016	Analysis Date:	8/30/2016	SeqNo:	1143015	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.1	90	110			

Qualifiers:

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

Work Order Number: 1608G37

RcptNo: 1

Received by/date:

Logged By: Michelle Garcia

8/26/2016 9:45:00 AM

Michelle Garcia

Completed By: Michelle Garcia

8/29/2016 1:38:18 PM

Michelle Garcia

Reviewed By:

Je 08/29/16

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 $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☐ No ☒ NA ☐
Not required
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 ☒ NA ☐
10. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
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 ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ 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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	20.1	Good	Yes			

Chain-of-Custody Record

Client: GHD - Albuquerque

Site Address: 6121 Indian School Rd NE

City/State/Zip: Albuquerque, NM 87110

Phone #: 505-884-0672

Analyst or Fax #: Bernardo Bockisch @ghd.com

QC Package: ☐ Level 4 (Full Validation)

Standard ☐ Other ☐

Accreditation: NELAP

EDD (Type): _____

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Endurance 25

Project #:

088210/29

Project Manager:

Bernardo Bockisch

Sampler: Steve Perez

On Ice: ☐ Yes ☒ No

Sample Temperature: 20.1

Container Type and #	Preservative Type	HEAL No.
4oz glass-1	JCE	11088437
✓	↓	001
✓	↓	002
✓	↓	003

Sample Request ID	Matrix	Time
S-088210-29-082416-SF-01	Soil	1345
S-088210-29-082416-SF-02	↓	1419
S-088210-29-082416-SF-03	↓	1445



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
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X Chloride 390.0

✓

Remarks:

Received by: [Signature] Date: 8/28/16 Time: 1500

Relinquished by: [Signature] Date: 8/28/16 Time: 1500

Received by: [Signature] Date: 08/28/16 Time: 0945

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 clearly notated on the analytical report.



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

September 24, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Endurance 25

OrderNo.: 1609962

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 2 sample(s) on 9/16/2016 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical ReportLab Order: **1609962**Date Reported: **9/24/2016****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** GHD
Project: Endurance 25**Lab Order:** 1609962**Lab ID:** 1609962-001**Collection Date:** 9/13/2016 11:30:00 AM**Client Sample ID:** S-088210-29-091316-SP-01**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	210	30		mg/Kg	20	9/22/2016 4:14:38 PM	27672

Lab ID: 1609962-002**Collection Date:** 9/13/2016 11:45:00 AM**Client Sample ID:** S-088210-29-091316-SP-02**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	9/22/2016 4:51:51 PM	27672

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1609962

24-Sep-16

Client: GHD
Project: Endurance 25

Sample ID	MB-27672	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	27672	RunNo:	37430					
Prep Date:	9/23/2016	Analysis Date:	9/22/2016	SeqNo:	1163444	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-27672	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	27672	RunNo:	37430					
Prep Date:	9/23/2016	Analysis Date:	9/22/2016	SeqNo:	1163445	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.3	90	110			

Qualifiers:

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



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87105
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD

Work Order Number: 1609962

RcptNo: 1

Received by/date:

LC 09/16/16

Logged By: Lindsay Mangin

9/16/2016 11:35:00 AM

Lindsay Mangin

Completed By: Lindsay Mangin

9/17/2016 9:40:06 AM

Lindsay Mangin

Reviewed By:

LC 09/19/16

Chain of Custody

1. Custody seals intact on sample bottles?
2. Is Chain of Custody complete?
3. How was the sample delivered?

Yes ☐

No ☐

Not Present ☒

Yes ☒

No ☐

Not Present ☐

Client

Log In

4. Was an attempt made to cool the samples?
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ?
6. Sample(s) in proper container(s)?
7. Sufficient sample volume for indicated test(s)?
8. Are samples (except VOA and ONG) properly preserved?
9. Was preservative added to bottles?
10. VOA vials have zero headspace?
11. Were any sample containers received broken?
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody?
14. Is it clear what analyses were requested?
15. Were all holding times able to be met?
(If no, notify customer for authorization.)

Yes ☒

No ☐

NA ☐

Yes ☐

No ☒

NA ☐

Approved by client

Yes ☒

No ☐

Yes ☒

No ☐

Yes ☒

No ☐

Yes ☐

No ☒

NA ☐

Yes ☐

No ☐

No VOA Vials ☒

Yes ☐

No ☒

Yes ☒

No ☐

Yes ☒

No ☐

Yes ☒

No ☐

Yes ☒

No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order?

Yes ☐

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	Signed By
1	16.5	Good	Not Present			

Appendix B

Waste Manifests

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

SDR #006

NON-HAZARDOUS WASTE MANIFEST

NO 114693

1. PAGE ___ OF ___

2. TRAILER NO. #006

G E N E R A T O R	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 888-3705	4. ADDRESS 5508 Champion Dr. CITY Midland STATE TX. ZIP 79706	5. PICK-UP DATE 8/10/2016
	6. TNRCC I.D. NO.		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No. Type	9. TOTAL QUANTITY
	a. Non-Regulated, Non Hazardous Waste	1 CM	Y
T R A N S P O R T E R S	b.		
	c.		
	d. WT : 37480 40760		
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2	13. WASTE PROFILE NO. T@ 78240	
D I S P O S I T A T O R	14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
	NAME KIN SLAUGHTER PHONE NO 575-887-4048		24-HOUR EMERGENCY NO.
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC		
	PRINTED/TYPED NAME	SIGNATURE	DATE
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SHANNON EMERGENCY PHONE: (575) 441-7330	17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Capt Stephens SIGNATURE [Signature] DATE 8/10/2016
	19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE		
	16. TRANSPORTER (1) NAME: Lea Land, LLC ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM PHONE: 575-887-4048		
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS
D I S P O S I T A T O R	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.		
	AUTHORIZED SIGNATURE [Signature]	CELL NO.	DATE 8/10/2016 TIME 9:55

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Carranza

NON-HAZARDOUS WASTE MANIFEST

NO **114694**

1. PAGE OF

2. TRAILER NO. **# 27**

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3. COMPANY NAME

E.O.G. Resources

PHONE NO.

(432) 686-3705

4. ADDRESS

5508 Champion Dr.

CITY

Midland

STATE

TX.

ZIP

79706

5. PICK-UP DATE

6/10/2016

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

b.

c.

d. WT: **42,320 41,060**

8. CONTAINERS
No. Type

1

CM.

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

Y

11. TEXAS
WASTE ID #

12. COMMENTS OR SPECIAL INSTRUCTIONS:

ENDURANCE 25 FED SWD #2

13. WASTE PROFILE NO.

TQ 83,380

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

KIN SLAUGHTER

PHONE NO

575-887-4048

24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

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16. TRANSPORTER (1)

NAME:

SDR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 441-7330

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

6/10/2016

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

**Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM**

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

Santos Gonzalez

[Signature]

6/10/2016

10:00

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

8 DR

NON-HAZARDOUS WASTE MANIFEST

NO 114707

1. PAGE ___ OF ___

2. TRAILER NO. #006

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3. COMPANY NAME

E.O.G Resources

PHONE NO.

(432) 888-3705

4. ADDRESS

5509 Champion Dr.

CITY

Midland

STATE

TX.

ZIP

79708

5. PICK-UP DATE

8/13/2016

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

b.

c.

d. WT 37,520 38,540

8. CONTAINERS

No. 1

Type CM

9. TOTAL QUANTITY

10. UNIT Wt/Vol.

Y

11. TEXAS WASTE ID

12. COMMENTS OR SPECIAL INSTRUCTIONS:

ENDURANCE 25 FED SWD #2

13. WASTE PROFILE NO.

TA 76,060

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

KIN SLAUGHTER

PHONE NO

575-887-4048

24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

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16. TRANSPORTER (1)

NAME:

SDR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 441-7330

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

8/13/2016

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE 8/13/2016

TIME

11:10

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO 114711

1. PAGE ___ OF ___

2. TRAILER NO. #27

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3. COMPANY NAME

E.O.G Resources

PHONE NO.

(432) 686-3705

4. ADDRESS

5509 Champion Dr.

CITY

Midland

STATE

TX.

ZIP

79706

5. PICK-UP DATE

6/13/2016

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

b.

c.

d. WT 39,480 38,520

8. CONTAINERS

No.

Type

1

CM

9. TOTAL QUANTITY

10. UNIT Wt/Vol.

Y

11. TEXAS WASTE ID

12. COMMENTS OR SPECIAL INSTRUCTIONS:

ENDURANCE 25 FED SWD #2

13. WASTE PROFILE NO.

78,000

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

KIN SLAUGHTER

575-887-4048

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

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16. TRANSPORTER (1)

NAME:

SDR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 441-7330

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

6/13/2016

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes:

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

Santos Gonzalez

6/13/2016

12:30

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Carranza
27

NON-HAZARDOUS WASTE MANIFEST

NO 114734

1. PAGE ___ OF ___

2. TRAILER NO. #

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3. COMPANY NAME

E.O.G Resources

PHONE NO.

(432) 886-3705

4. ADDRESS

5509 Champion Dr.

CITY

Midland

STATE

TX.

ZIP

79706

5. PICK-UP DATE

8/14/2016

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

b.

c.

d. WT: 43,900 42,980

8. CONTAINERS

No.

Type

1

CM

9. TOTAL QUANTITY

10. UNIT Wt/Vol.

11. TEXAS WASTE ID

Y

12. COMMENTS OR SPECIAL INSTRUCTIONS:

ENDURANCE 25 FED SWD # 2

13. WASTE PROFILE NO.

TO 810880

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

KIN SLAUGHTER

575-887-4048

15. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

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16. TRANSPORTER (1)

NAME:

SDR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 441-7330

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

8/14/2016

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

Santos Gonzalez

[Signature]

8/14/2016

10:00

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

SDR

NON-HAZARDOUS WASTE MANIFEST

NO 114735

1. PAGE ___ OF ___

2. TRAILER NO. #

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G

3. COMPANY NAME

E.O.G Resources
PHONE NO.

(432) 686-3705

4. ADDRESS

5509 Champion Dr.
CITY STATE ZIP

Midland

TX.

79708

5. PICK-UP DATE

8/14/2016

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

b.

c.

R

d. WT 40,580 44,040

8. CONTAINERS

No. Type

1

CM

9. TOTAL QUANTITY

10. UNIT Wt/Vol.

Y

11. TEXAS WASTE ID

A

ENDURANCE 25 FED SWD # 2

13. WASTE PROFILE NO.

T@ 84620

T

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

KIN SLAUGHTER

575-887-4048

O

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

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16.

TRANSPORTER (1)

NAME:

SDR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 441-7330

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

Doug Stephens

SIGNATURE

Doug Stephens

DATE

8/14/2016

17.

TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

Santos Gonzalez

CELL NO.

DATE

8/14/2016

TIME

10:05

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

SDR

NON-HAZARDOUS WASTE MANIFEST

NO 114744

1. PAGE ___ OF ___

2. TRAILER NO. # 006

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3. COMPANY NAME

E.O.G Resources

PHONE NO.

(432) 686-3705

4. ADDRESS

5509 Champion Dr.

CITY

Midland

STATE

TX.

ZIP

79706

5. PICK-UP DATE

6/15/2016

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

b.

c.

d. WT: 386.40 42,820

8. CONTAINERS No. Type

1

CM

9. TOTAL QUANTITY

10. UNIT Wt/Vol.

11. TEXAS WASTE ID

12. COMMENTS OR SPECIAL INSTRUCTIONS:

ENDURANCE 25 FED SWD #2

T@ 81,410

13. WASTE PROFILE NO.

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

KIN SLAUGHTER

PHONE NO

575-887-4048

24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

16. TRANSPORTER (1)

NAME:

SDR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 441-7330

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

Doug Stephens

SIGNATURE

Doug Stephens

DATE

6/15/2016

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

Santos Gonzalez

CELL NO.

[Signature]

DATE

6/15/2016

TIME

9:40

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Carranza

NON-HAZARDOUS WASTE MANIFEST

NO 114745

1. PAGE ___ OF ___

2. TRAILER NO. # 27

GENERATOR	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 888-3705	4. ADDRESS 5509 Champion Dr. CITY STATE ZIP Midland TX. 79708		5. PICK-UP DATE 6/15/2016 6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.
	a. Non-Regulated, Non Hazardous Waste		1	CM	Y
	b.				
RECEIVER	c.				
	d. WT : 44,080 39,660				
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2			13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO. 24-HOUR EMERGENCY NO. KIN SLAUGHTER 575-887-4048				
TRANSPORTER (1)	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC		PRINTED/TYPED NAME SIGNATURE DATE		
	16. TRANSPORTER (1) NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SHANNON EMERGENCY PHONE: (575) 441-7330		17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <i>[Signature]</i> SIGNATURE <i>[Signature]</i> DATE 6/15/2016		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE		
	DISPOSAL FACILITY		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM PHONE: 575-887-4048		
DISPOSAL FACILITY	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS		
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.	DATE 6/15/2016	TIME 9:50

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

BDB

NON-HAZARDOUS WASTE MANIFEST

NO 114753

1. PAGE ___ OF ___

2. TRAILER NO. # DDL

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3. COMPANY NAME

E.O.G. Resources

PHONE NO.

(432) 688-3705

4. ADDRESS

5509 Champion Dr.

CITY

STATE

ZIP

Midland

TX.

79706

5. PICK-UP DATE

6/16/2016

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

b.

c.

d. WT: 39,160 38,180

8. CONTAINERS

No.

Type

1

CM

9. TOTAL QUANTITY

10. UNIT Wt/Vol.

Y

11. TEXAS WASTE ID

12. COMMENTS OR SPECIAL INSTRUCTIONS:

ENDURANCE 25 FED SWD # 2

13. WASTE PROFILE NO.

T@ 77840

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

KIN SLAUGHTER

575-887-4048

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

16. TRANSPORTER (1)

NAME:

SDR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 441-7330

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

6/16/2016

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

Santa Gonzalez

CELL NO.

DATE

6/16/2016

TIME

9:20

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

SDB

NON-HAZARDOUS WASTE MANIFEST

NO 114754

1. PAGE ___ OF ___

2. TRAILER NO. #007

G
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3. COMPANY NAME

E.O.G Resources

PHONE NO.

(432) 886-3705

4. ADDRESS

5509 Champion Dr.

CITY

Midland

STATE

TX.

ZIP

79706

5. PICK-UP DATE

8/16/2018

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

b.

c.

d. WT:

21,980

20440

8. CONTAINERS

No.

Type

1

CM

9. TOTAL

QUANTITY

10. UNIT

Wt/Vol.

Y

11. TEXAS

WASTE ID #

12. COMMENTS OR SPECIAL INSTRUCTIONS:

ENDURANCE 25 FED SWD #2

13. WASTE PROFILE NO.

T@ 42440

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

KIN SLAUGHTER

PHONE NO

575-887-4048

24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

16. TRANSPORTER (1)

NAME:

SDR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 441-7330

17.

TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

Isauro Garcia

SIGNATURE

Isauro Garcia

DATE

8/16/2018

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

Santa Gonzalez

CELL NO.

DATE

8/16/2018

TIME

9:20

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Carranza

NON-HAZARDOUS WASTE MANIFEST

NO **114755**

1. PAGE OF

2. TRAILER NO. **#27**

G
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3. COMPANY NAME
E.O.G Resources
PHONE NO.
(432) 886-3705

4. ADDRESS
5509 Champion Dr.
CITY STATE ZIP
Midland TX. 79708

5. PICK-UP DATE
8/18/2016

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

a. **Non-Regulated, Non Hazardous Waste**

1

CM

Y

b.

c.

d. WT: **40,420 40,220**

12. COMMENTS OR SPECIAL INSTRUCTIONS:

ENDURANCE 25 FED SWD # 2

13. WASTE PROFILE NO.

TT@ 806,410

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

KIN SLAUGHTER

575-887-4048

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

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16. TRANSPORTER (1)

NAME:

SDR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 441-7330

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

PRINTED/TYPED NAME

SIGNATURE

DATE

8/18/2016

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

**Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM**

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

Santos Gonzalez

[Signature]

8/18/2016

9:30

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Carranza

NON-HAZARDOUS WASTE MANIFEST

NO **114756**

1. PAGE OF

2. TRAILER NO. **#107**

G E N E R A T O R	3. COMPANY NAME E.O.G Resources		4. ADDRESS 5509 Champion Dr.		5. PICK-UP DATE 8/16/2018	
	PHONE NO. (432) 688-3705		CITY STATE ZIP Midland TX. 79708		6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY
	a. Non-Regulated, Non Hazardous Waste				1 CM	Y
T R A N S P O R T E R S	b.					
	c.					
	d. WT 37020 39,360					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25-FED SWD #2				13. WASTE PROFILE NO.	
D I S P O S I T O R	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
	NAME		PHONE NO		24-HOUR EMERGENCY NO.	
	KIN SLAUGHTER		575-887-4048			
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
D I S P O S I T O R	PRINTED/TYPED NAME			SIGNATURE		DATE
	16. TRANSPORTER (1)			17. TRANSPORTER (2)		
	NAME: SDR ENTERPRISE LLC			NAME:		
	TEXAS I.D. NO.			TEXAS I.D. NO.		
D I S P O S I T O R	IN CASE OF EMERGENCY CONTACT: SHANNON			IN CASE OF EMERGENCY CONTACT:		
	EMERGENCY PHONE: (575) 441-7330			EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material		
	PRINTED/TYPED NAME UTISANO GARRANZA			PRINTED/TYPED NAME		
D I S P O S I T O R	SIGNATURE <i>[Signature]</i> DATE 8/16/2018			SIGNATURE DATE		
	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
D I S P O S I T O R	AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.		DATE	TIME
	8/16/2018		9:45			

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

SDR

NON-HAZARDOUS WASTE MANIFEST

NO 114911

1. PAGE ___ OF ___

2. TRAILER NO. #006

3. COMPANY NAME
E.O.G. Resources
PHONE NO.
(432) 886-3705

4. ADDRESS
5509 Champion Dr.
CITY STATE ZIP
Midland TX. 79706

5. PICK-UP DATE
8/24/2016

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:
a. Non-Regulated, Non Hazardous Waste
b.
c.
d. WT: 42,380

8. CONTAINERS
No. Type
1 CM

9. TOTAL QUANTITY

10. UNIT Wt/Vol.
Y

11. TEXAS WASTE ID #

12. COMMENTS OR SPECIAL INSTRUCTIONS:
ENDURANCE 25 FED SWD #2

13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT
NAME PHONE NO. 24-HOUR EMERGENCY NO.
KIN SLAUGHTER 575-887-4048

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME SIGNATURE DATE

16. TRANSPORTER (1)
NAME: SDR ENTERPRISE LLC
TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: SHANNON
EMERGENCY PHONE: (575) 441-7330

17. TRANSPORTER (2)
NAME:
TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material
PRINTED/TYPED NAME: [Signature]
SIGNATURE: [Signature] DATE: 8/24/2016

19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME: _____
SIGNATURE: _____ DATE: _____

Lea Land, LLC
ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM
PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico
20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE: [Signature] CELL NO. DATE: 8/24/2016 TIME: 10:35

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

SDR

NON-HAZARDOUS WASTE MANIFEST

NO 114777

1. PAGE ___ OF ___

2. TRAILER NO. 006

G E N E R A T O R	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 888-3705	4. ADDRESS 5509 Champion Dr. CITY STATE ZIP Midland TX. 79708	5. PICK-UP DATE 8/17/2016			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED: a. Non-Regulated, Non Hazardous Waste b. c. d. WT : 4,520 43,420		8. CONTAINERS No. Type 1 CM	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD # 2		13. WASTE PROFILE NO. TA 84940			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO KIN SLAUGHTER 575-887-4048					
T R A N S P O R T E R S	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME			SIGNATURE		
	16. TRANSPORTER (1) NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SHANNON EMERGENCY PHONE: (575) 441-7330			17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME [Signature] SIGNATURE [Signature] DATE 8/17/2016			19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE		
D I S P O S I T A T O R	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
L Y	AUTHORIZED SIGNATURE [Signature]		CEL [Signature]		TIME 9:20	

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

SDR

2. TRAILER NO. #1007

TRANSPORTERS: COPIES 4 & 5

COPY :

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Carranza

NON-HAZARDOUS WASTE MANIFEST

NO 114779

1. PAGE ___ OF ___

2. TRAILER NO. #107

G E N E R A T O R	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 686-3705		4. ADDRESS 5509 Champion Dr. CITY STATE ZIP Midland TX. 79706		5. PICK-UP DATE 6/17/2016	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED: a. Non-Regulated, Non Hazardous Waste				8. CONTAINERS No. Type 1 CM	9. TOTAL QUANTITY
	10. UNIT Wt/Vol. Y				11. TEXAS WASTE ID #	
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2				13. WASTE PROFILE NO.	
T R A N S P O R T E R S	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO. 24-HOUR EM KIN SLAUGHTER 575-887-4048					
	15. GENERATOR'S CERTIFICATION: I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME			SIGNATURE		
D I S P O S I T Y	16. TRANSPORTER (1) NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SHANNON EMERGENCY PHONE: (575) 441-7330			17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <i>Urbano Carranza</i> SIGNATURE <i>[Signature]</i> DATE 6/17/2016			19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE		
	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
AUTHORIZED SIGNATURE <i>[Signature]</i>			CEL <i>[Signature]</i>	DATE 6/17/2016	TIME 9:35	

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Carranza
#27

NON-HAZARDOUS WASTE MANIFEST

NO 114780

1. PAGE ___ OF ___

2. TRAILER NO. #27

G E N E R A T O R	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 886-3705	4. ADDRESS 5508 Champion Dr. CITY STATE ZIP Midland TX. 79708	5. PICK-UP DATE 8/17/2018			
			6. TNRCC I.D. NO.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. Non-Regulated, Non Hazardous Waste		1 CM		Y	
	b.					
	c.					
	d. WT: 41,880 41,140					
A T T R I B U T E	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2				13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EM KIN SLAUGHTER 575-887-4048					
O F F I C E	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME			SIGNATURE		
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SHANNON EMERGENCY PHONE: (575) 441-7330			17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <i>Christopher Carranza</i> SIGNATURE <i>[Signature]</i> DATE 8/17/2018			19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE		
D I S P O S I T A T I O N	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
L Y	AUTHORIZED SIGNATURE <i>Santa Gonzalez</i>		CELL NO. <i>[Signature]</i>		DATE 8/17/2018	TIME 9:40

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORT

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

SDR

NON-HAZARDOUS WASTE MANIFEST

NO 114786

1. PAGE ___ OF ___

2. TRAILER NO. #007

G E N E R A T O R	3. COMPANY NAME E.O.G Resources*	4. ADDRESS 5509 Champion Dr.	5. PICK-UP DATE 8/20/2016
	PHONE NO. (432) 886-3705	CITY Midland	STATE TX.
		ZIP 79706	6. TNRCC I.D. NO.
	7. NAME OR DESCRIPTION OF WASTE SHIPPED: a. Non-Regulated, Non-Hazardous Waste		
T R A N S P O R T E R S	8. CONTAINERS No. 1 Type CM		9. TOTAL QUANTITY
	10. UNIT Wt/Vol. Y		11. TEXAS WASTE ID #
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2		13. WASTE PROFILE NO.
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGEN KIN SLAUGHTER 575-887-4048		
D I S P O S I T O R Y	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC		
	PRINTED/TYPED NAME	SIGNATURE	DATE
	16. TRANSPORTER (1) NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SHANNON EMERGENCY PHONE: (575) 441-7330		
	17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
D I S P O S I T O R Y	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED TYPED NAME Isidoro Garcia N. SIGNATURE Isidoro Garcia N. DATE 8/20/2016		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE
	20. COMMENTS		
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.		
	AUTHORIZED SIGNATURE Santos Gonzalez		CELL NO.

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Carminza

NON-HAZARDOUS WASTE MANIFEST

NO 114787

1. PAGE ___ OF ___

2. TRAILER NO. 107

GENERATOR'S E.O.G. Resources PHONE NO. (432) 888-3705	3. COMPANY NAME		4. ADDRESS		5. PICK-UP DATE	
	E.O.G. Resources		5508 Champion Dr.		8/20/2016	
	PHONE NO.		CITY STATE ZIP		6. TNRCC I.D. NO.	
	(432) 888-3705		Midland TX. 79708			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS		9. TOTAL QUANTITY	
a. Non-Regulated, Non Hazardous Waste		No. Type		10. UNIT Wt/Vol.		
b.		1 CM		Y		
c.						
d. WT: 37,280 40,080						
12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE PROFILE NO.	
ENDURANCE 25 FED SWD # 2					TO 77,360	
14. IN CASE OF EMERGENCY OR SPILL, CONTACT						
NAME		PHONE NO		24-HOUR EMERGENCY NO.		
KIN SLAUGHTER		575-887-4048				
15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
PRINTED/TYPED NAME			SIGNATURE		DATE	

TRANSPORTER'S	16. TRANSPORTER (1)		17. TRANSPORTER (2)	
	NAME: SDR ENTERPRISE LLC		NAME:	
	TEXAS I.D. NO.		TEXAS I.D. NO.	
	IN CASE OF EMERGENCY CONTACT: SHANNON		IN CASE OF EMERGENCY CONTACT:	
	EMERGENCY PHONE: (575) 441-7330		EMERGENCY PHONE:	
18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material		
PRINTED/TYPED NAME: Urbano Carran		PRINTED/TYPED NAME:		
SIGNATURE: <i>[Signature]</i> DATE: 8/20/2016		SIGNATURE: DATE:		

DISPOSAL SITE	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE: <i>[Signature]</i>		CELL NO. <i>[Signature]</i>		DATE: 8/20/2016	
					TIME: 10:20	

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Carranza

NON-HAZARDOUS WASTE MANIFEST

NO 114788

1. PAGE ___ OF ___

2. TRAILER NO. #27

G E N E R A T O R	3. COMPANY NAME E.O.G Resources	4. ADDRESS 5509 Champion Dr.	5. PICK-UP DATE 8/20/2018		
	PHONE NO. (432) 686-3705	CITY Midland	STATE TX.	ZIP 79706	6. TNRCC I.D. NO.
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.
	a. Non-Regulated, Non-Hazardous Waste		1	CM	
T R A N S P O R T E R S	b.				
	c.				
	d. WT 36,880 35,840				
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2 TC 72720			13. WASTE PROFILE NO.	
D I S P O S I T O R	14. IN CASE OF EMERGENCY OR SPILL, CONTACT				
	NAME KIN SLAUGHTER		PHONE NO 575-887-4048		24-HOUR EMERGENCY NO.
	15. GENERATOR'S CERTIFICATION: I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC				
	PRINTED/TYPED NAME		SIGNATURE		DATE
D I S P O S I T O R	16. TRANSPORTER (1)		17. TRANSPORTER (2)		
	NAME: SDR ENTERPRISE LLC		NAME:		
	TEXAS I.D. NO.		TEXAS I.D. NO.		
	IN CASE OF EMERGENCY CONTACT: SHANNON		IN CASE OF EMERGENCY CONTACT:		
D I S P O S I T O R	EMERGENCY PHONE: (575) 441-7330		EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material		
	PRINTED/TYPED NAME		PRINTED/TYPED NAME		
	SIGNATURE DATE 8/20/2018		SIGNATURE DATE		
D I S P O S I T O R	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS		
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE <i>Santos Gonzalez</i>		CELL NO.	DATE 8/20/2018	TIME 10:20

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

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LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Carranza

NON-HAZARDOUS WASTE MANIFEST

NO 114814

1. PAGE ___ OF ___

2. TRAILER NO. #107

G E N E R A T O R	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 888-3705	4. ADDRESS 5509 Champion Dr. CITY STATE ZIP Midland TX. 79708	5. PICK-UP DATE 8/21/2018		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED: a. Non-Regulated, Non Hazardous Waste b. c. d. WT 37,520 38280		8. CONTAINERS No. Type 1 CM	9. TOTAL QUANTITY	10. UNIT Wt/Vol. Y
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2 Total 75800		13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO. 24-HOUR EMERGENCY NO. KIN-SLAUGHTER 575-887-4048				
T R A N S P O R T E R S	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC				
	PRINTED/TYPED NAME		SIGNATURE		DATE
D I S P O S I T O R	16. TRANSPORTER (1) NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SHANNON EMERGENCY PHONE: (575) 441-7330		17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <i>Urbano Carranza</i> SIGNATURE <i>[Signature]</i> DATE 8/21/2018		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____		
	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS		
L Y	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE <i>Santos Gonzalez</i>		CELL NO. _____	DATE 8/21/2018	TIME 9:25

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Carranza
#27

NON-HAZARDOUS WASTE MANIFEST

NO 114815

1. PAGE ___ OF ___

2. TRAILER NO. #27

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3. COMPANY NAME

E.O.G Resources

PHONE NO.

(432) 686-3705

4. ADDRESS

5509 Champion Dr.

CITY

STATE

ZIP

Midland

TX.

79706

5. PICK-UP DATE

8/21/2016

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

b.

c.

d. WT: 41,400 45180

8. CONTAINERS

No.

Type

1

CM

9. TOTAL QUANTITY

10. UNIT Wt/Vol.

11. TEXAS WASTE ID

Y

12. COMMENTS OR SPECIAL INSTRUCTIONS:

ENDURANCE 25 FED SWD #2

Total 86580

13. WASTE PROFILE NO.

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

KIN SLAUGHTER

575-887-4048

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

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16. TRANSPORTER (1)

NAME:

SDR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 441-7330

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

8/21/2016

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

Santos Gonzalez

/

8/21/2016

9:35

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

SDR

NON-HAZARDOUS WASTE MANIFEST

NO 114829

1. PAGE ___ OF ___

2. TRAILER NO. #006

G

3. COMPANY NAME

E.O.G. Resources
PHONE NO.

4. ADDRESS

5509 Champion Dr.
CITY STATE ZIP

5. PICK-UP DATE

8/21/2016

6. TNRCC I.D. NO.

E

(432) 886-3705

Midland

TX.

79706

N

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

8. CONTAINERS

No.

Type

9. TOTAL QUANTITY

10. UNIT Wt/Vol.

11. TEXAS WASTE ID

1

CM

Y

E

b.

c.

R

d. WT 43060

A

12. COMMENTS OR SPECIAL INSTRUCTIONS:

ENDURANCE 25 FED SWD #2

13. WASTE PROFILE NO.

T

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGEN

KIN SLAUGHTER

575-887-4048

O

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

SDR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 441-7338

17.

TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

8/21/2016

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

Santa Gonzalez

8/21/2016

11:50

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

SDR
#006

NON-HAZARDOUS WASTE MANIFEST

NO 114848

1. PAGE ___ OF ___

2. TRAILER NO. #006

G E N E R A T O R	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 886-3705	4. ADDRESS 5509 Champion Dr. CITY STATE ZIP Midland TX. 79706	5. PICK-UP DATE 8/22/2016		
	6. TNRCC I.D. NO.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED: a. Non-Regulated, Non Hazardous Waste b. c. d. WT: 4780 39,960	8. CONTAINERS No. Type 1 CM	9. TOTAL QUANTITY	10. UNIT Wt/Vol. Y	11. TEXAS WASTE ID #
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2 T@ 81.74		13. WASTE PROFILE NO.		
T R A N S P O R T E R S	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO. 24-HOUR EMERGENCY NO. KIN SLAUGHTER 575-887-4048				
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC				
	PRINTED/TYPED NAME		SIGNATURE		DATE
	16. TRANSPORTER (1) NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SHANNON EMERGENCY PHONE: (575) 441-7330		17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
D I S P O S I T A L Y	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: [Signature] SIGNATURE: [Signature] DATE: 8/22/2016		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____		
	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS		
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
AUTHORIZED SIGNATURE [Signature]		CELL NO. [Signature]	DATE 8/22/2016	TIME 9:45	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Carranza
107

NON-HAZARDOUS WASTE MANIFEST

NO 114849

1. PAGE ___ OF ___

2. TRAILER NO. #

107

G

3. COMPANY NAME

E.O.G Resources
PHONE NO.

(432) 688-3705

4. ADDRESS

5509 Champion Dr.

CITY

STATE

ZIP

Midland

TX.

79706

5. PICK-UP DATE

8/22/2016

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

b.

c.

d. WT 38,260 37,340

8. CONTAINERS

No.

Type

9. TOTAL

QUANTITY

10. UNIT

Wt/Vol.

11. TEXAS

WASTE ID #

1

CM

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12. COMMENTS OR SPECIAL INSTRUCTIONS:

ENDURANCE 25 FED SWD #2

13. WASTE PROFILE NO.

T@ 75,100

A

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO

KIN SLAUGHTER

575-887-4048

T

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15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

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PRINTED/TYPED NAME

SIGNATURE

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16. TRANSPORTER (1)

NAME:

SDR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 444-7330

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

8/22/2016

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

Santa Gonzalez

8/22/2016

9:50

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Carranza

NON-HAZARDOUS WASTE MANIFEST

NO 114850

1. PAGE ___ OF ___

2. TRAILER NO. *27*

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3. COMPANY NAME

E.O.G Resources

PHONE NO.

(432) 888-3705

4. ADDRESS

5509 Champion Dr.

CITY

STATE

ZIP

Midland

TX.

79708

5. PICK-UP DATE

8/22/2016

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non-Hazardous Waste

b.

c.

d. WT: *39920 38620*

8. CONTAINERS

No.

Type

1

CM

9. TOTAL QUANTITY

10. UNIT Wt/Vol.

Y

11. TEXAS WASTE ID

12. COMMENTS OR SPECIAL INSTRUCTIONS:

ENDURANCE 25 FED SWD #2

T@ 78.540

13. WASTE PROFILE NO.

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

KIN SLAUGHTER

575-887-4048

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

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16. TRANSPORTER (1)

NAME:

SOR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 441-7330

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

8/22/2016

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

Santos Gonzalez

[Signature]

8/22/2016

9:55

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

SDR

NON-HAZARDOUS WASTE MANIFEST

NO 114872

1. PAGE ___ OF ___

2. TRAILER NO. #006

G E N E R A T O R	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 686-3705	4. ADDRESS 5509 Champion Dr. CITY Midland STATE TX. ZIP 79706	5. PICK-UP DATE 8/23/2016			
	6. TNRCC I.D. NO.					
T R A N S P O R T E R S	7. NAME OR DESCRIPTION OF WASTE SHIPPED: a. Non-Regulated, Non Hazardous Waste b. c. d. WT: 39,880 38,320		8. CONTAINERS No. Type 1 CM	9. TOTAL QUANTITY	10. UNIT Wt/Vol. Y	11. TEXAS WASTE ID #
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2 TA @ 78,200		13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO. 24-HOUR EMERGENCY NO. KIN SLAUGHTER 575-887-4048					
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
D I S P O S I T A R Y	PRINTED/TYPED NAME		SIGNATURE		DATE	
	16. TRANSPORTER (1) NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SHANNON EMERGENCY PHONE: (575) 444-7330		17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
D I S P O S I T A R Y	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: [Signature] SIGNATURE: [Signature] DATE: 8/23/2016		19. TRANSPORTER (2): Acknowledgment of receipt PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____			
	20. COMMENTS					
D I S P O S I T A R Y	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE [Signature]		CELL NO.	DATE 8/23/2016	TIME 10:05	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

SDR

NON-HAZARDOUS WASTE MANIFEST

NO 114998

1. PAGE ___ OF ___

2. TRAILER NO. # DDL

G
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3. COMPANY NAME
E.O.G Resources
PHONE NO.
(432) 686-3705

4. ADDRESS
5508 Champion Dr.
CITY STATE ZIP
Midland TX. 79706

5. PICK-UP DATE
7/7/2016
6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

a. Non-Regulated, Non Hazardous Waste

1

CM

Y

b.

c.

d. WT: 45,420 44,300

12. COMMENTS OR SPECIAL INSTRUCTIONS:

RHNU 106

13. WASTE PROFILE NO.

TA 89,780

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

KIN SLAUGHTER

575-887-4048

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

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16. TRANSPORTER (1)

NAME:

SDR ENTERPRISE LLC

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

SHANNON

EMERGENCY PHONE:

(575) 444-7330

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

PRINTED/TYPED NAME

SIGNATURE

DATE

7/7/2016

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE

7/7/20

45

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

SDR

NON-HAZARDOUS WASTE MANIFEST

NO 114999

1. PAGE ___ OF ___

2. TRAILER NO. #007

GENERATOR'S E.O.G. Resources PHONE NO (432) 886-3705	3. COMPANY NAME		4. ADDRESS		5. PICK-UP DATE			
	E.O.G. Resources		5508 Champion Dr.		7/7/2018			
	PHONE NO		CITY STATE ZIP		6. TNRCC I.D. NO.			
	(432) 886-3705		Midland TX. 79706					
NAME OR DESCRIPTION OF WASTE SHIPPED: a. Non-Regulated, Non Hazardous Waste b. c. d. WT: 24,260 20,420	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
			No. Type					
			1 CM			Y		
12. COMMENTS OR SPECIAL INSTRUCTIONS: RHNU 108 TO 44,680					13. WASTE PROFILE NO.			
14. IN CASE OF EMERGENCY OR SPILL, CONTACT								
NAME		PHONE NO		24-HOUR EMERGENCY NO.				
KIN SLAUGHTER		575-887-4048						
15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC								
PRINTED/TYPED NAME				SIGNATURE		DATE		
TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE	16. TRANSPORTER (1)			17. TRANSPORTER (2)				
	NAME: SDR ENTERPRISE LLC			NAME:				
	TEXAS I.D. NO.			TEXAS I.D. NO.				
	IN CASE OF EMERGENCY CONTACT: SHANNON			IN CASE OF EMERGENCY CONTACT:				
	EMERGENCY PHONE: (575) 441-7330			EMERGENCY PHONE:				
18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material					
PRINTED/TYPED NAME Isidro Garcia			PRINTED/TYPED NAME					
SIGNATURE Isidro Garcia			SIGNATURE					
DATE 7/7/2018			DATE					
DISPOSAL FACILITY Lea Land, LLC ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM PHONE: 575-887-4048 PERMIT NO. WM-01-035 - New Mexico 20. COMMENTS 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. AUTHORIZED SIGNATURE CELL NO. DATE TIME	22. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.							
	AUTHORIZED SIGNATURE		CELL NO.		DATE		TIME	
	Santos Gonzalez				7/7/2018		11:10	