



APPROVED

By Olivia Yu at 2:11 pm, Mar 13, 2018

March 3, 2017

Reference No. 088210-29

Ms. Olivia Yu
New Mexico Oil Conservation Division
Energy, Minerals and Natural Resources Department
1625 N. French Dr.
Hobbs, NM 88240

Ms. Shelly Tucker
United States Bureau of Land Management
620 E. Greene St
Carlsbad, NM 88220

NMOCD grants closure to the remediated areas for 1RP-4330. Deferral is granted for the impacted area under the flowline, East of the main road (Figure 2). 1RP-4330 remains open until flowline is inactive, abandoned, or retrofit.

Dear Yu and Ms. Tucker:

**Re: Closure Request
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**

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG) is requesting that no further action status be granted for the Endurance 25 SWD #2(hereafter referred to as the "Site").

In an Assessment Report dated October 28, 2016 (attached) GHD recommended the following scope items be completed following delineation of the soil impacts in order to achieve no further action;

- Placement of a 20 mil polyethylene liner in the bottom of the excavation at a depth of 4 ft bgs at the impacted location indicated on Figure 2.
- Backfilling of the excavation with clean fill material and wheel compacting to grade.
- The backfilled area will be fertilized and reseeded with a BLM approved seed mix.

The work scope was approved by Ms. Kristen Lynch with the New Mexico Oil Conservation Division on December 1, 2016. Ms. Shelly Tucker with the United States Bureau of Land Management approved the report on November 23, 2016. As of the date of this letter, the above scope items have been completed and are documented in the attached completion photos and final C-141 for the Site; therefore, No Further Action is being requested.



Your timely response to this requested is greatly appreciated. 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 blue ink that reads "Alan Brandon". The signature is fluid and cursive, with the first and last names clearly legible.

Alan Brandon
Senior Project Manager

AB/mc/03

A handwritten signature in blue ink that reads "Bernard Bockisch". The signature is fluid and cursive, with the first and last names clearly legible.

Bernard Bockisch
Senior Project Manager

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

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: EOG Resources, Inc.	Contact: Zane Kurtz	
Address: 5509 Champions Drive, Midland, TX 79706	Telephone No.: 432-425-2023	
Facility Name: Endurance 25 SWD #2	Facility Type: Water Injection Well	
Surface Owner: BLM	Mineral Owner: BLM	API No.: 30-025-41067

LOCATION OF RELEASE

Unit Letter E	Section 25	Township 26S	Range 33E	Feet from the 2310'	North/South Line N	Feet from the 990'	East/West Line W	County Lea
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Latitude 32.0152 Longitude -103.5309

NATURE OF RELEASE

Type of Release: Open Valve	Volume of Release: 350 BBLs	Volume Recovered: 250 BBLs
Source of Release: Oil tank bottom rotted out	Date and Hour of Occurrence 6-28-2016	Date and Hour of Discovery 0700
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? NA	
By Whom? NA	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.* NA		
Describe Cause of Problem and Remedial Action Taken.* Lease operator found valve at water gathering junction open and releasing produced water. Vac truck removed all standing fluid. Site was assessed and assessment report was submitted and approved by NMOCD and BLM.		
Describe Area Affected and Cleanup Action Taken.* Approximately 10,000 cubic yards of impacted soil were excavated and disposed of at Lea Land Landfill. A liner was placed in the excavated areas, backfilled and reseeded.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature: <i>Zane Kurtz</i>	OIL CONSERVATION DIVISION	
Printed Name: Zane Kurtz	Approved by Environmental Specialist:	
Title: Environmental Rep	Approval Date:	Expiration Date:
E-mail Address: zane-kurtz@eogresources.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8-24-17	Phone: 432 425 2023	

* Attach Additional Sheets If Necessary



Photo 1 - Liner placement



Photo 2 - Liner placement



Site Photographs



Photo 3 - Backfilled excavation and wheel compacted



Photo 4 - Backfilled excavation and wheel compacted



Site Photographs



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.

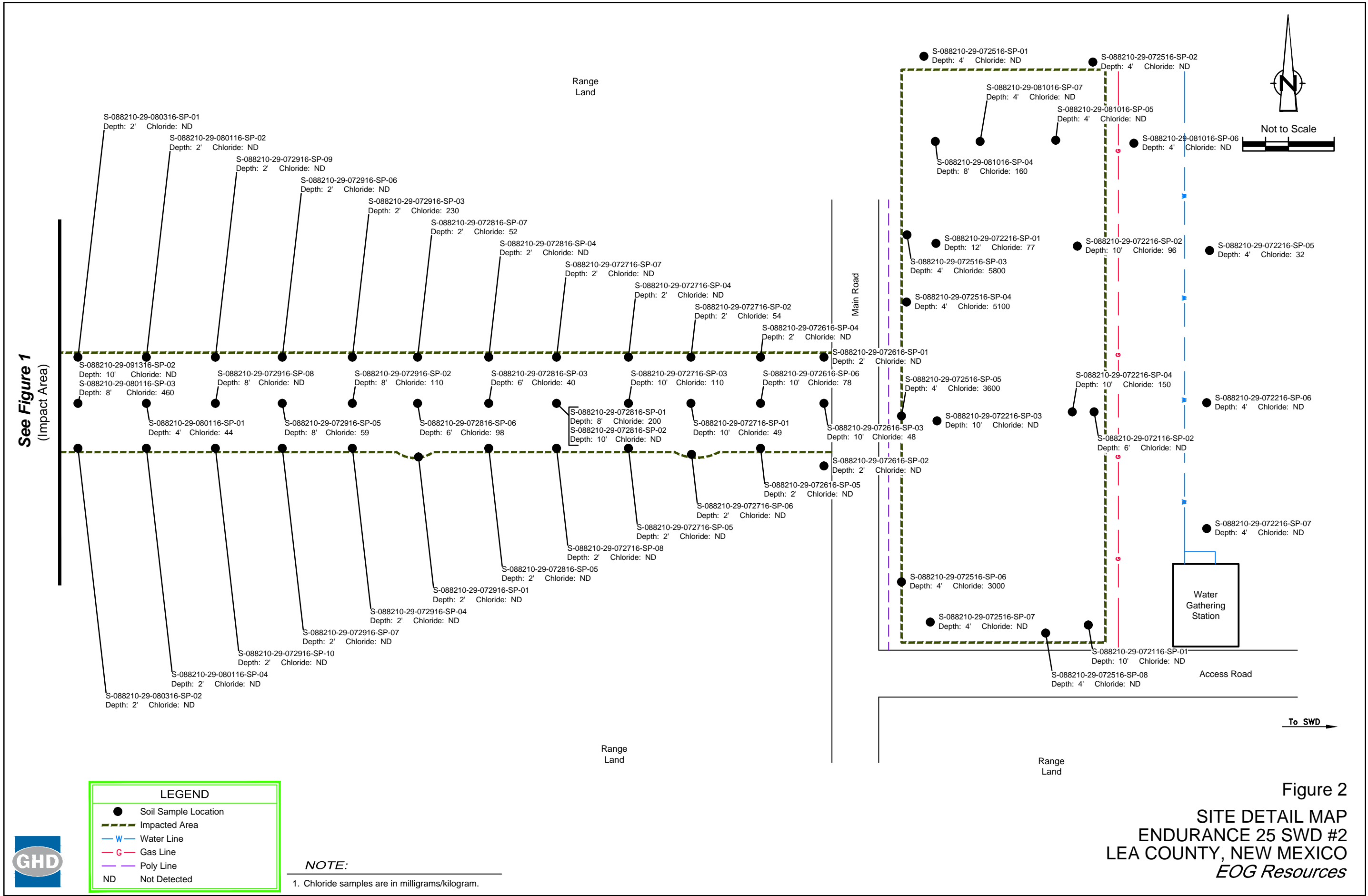
Betsy Gerwig
Senior Project Manager

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



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
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S-088210-29-072716-SP-02	2.0	7/27/2016	--	--	--	--	--	--	--	--	54
S-088210-29-072716-SP-03	10.0	7/27/2016	--	--	--	--	--	--	--	--	110
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S-088210-29-072716-SP-06	2.0	7/27/2016	--	--	--	--	--	--	--	--	<30
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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
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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
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S-088210-29-080416-SP-02	2.0	8/04/2016	--	--	--	--	--	--	--	--	<30
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S-088210-29-080916-SP-04	2.0	8/09/2016	--	--	--	--	--	--	--	--	<30
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S-088210-29-080916-SP-07	6.0	8/09/2016	--	--	--	--	--	--	--	--	<30
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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			



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
	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: **1607D20**Date Reported: **8/5/2016****Hall Environmental Analysis Laboratory, Inc.****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.
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
1901 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: 1607D20

ReptNo: 1

Received by/date:

AS

07/26/16

Logged By: Lindsay Mangin

7/26/2016 10:00:00 AM

[Signature]

Completed By: Lindsay Mangin

7/26/2016 10:03:26 AM

[Signature]

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)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Endurance

Project #:

088210/29

Project Manager:

Bernard Bachisch

505-280-0572

Sampler:

Steve Perez

On Ice: ☒ Yes ☐ No

Sample Temperature: 4.96C

Date

Time

Matrix

Sample Request ID

Container Type and #

Preservative Type

HEAL No.

TPH 8015B (GRO / DRO / MRO)

BTEX + MTBE + TPH (Gas only)

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)

Air Bubbles (Y or N)

1-16

1346

Soil

S-088210-29-072116-SR-01

4oz glass - 1

None

-001

1607D20

1-16

1347

Soil

S-088210-29-072116-SR-02

1-16

1020

Soil

S-088210-29-072116-SR-01

1-16

1022

Soil

S-088210-29-072116-SR-02

1-16

1024

Soil

S-088210-29-072116-SR-03

1-16

1026

Soil

S-088210-29-072116-SR-04

1-16

1150

Soil

S-088210-29-072116-SR-05

1-16

1152

Soil

S-088210-29-072116-SR-06

1-16

1154

Soil

S-088210-29-072116-SR-07

1-16

1154

Soil

S-088210-29-072116-SR-08

1-16

1154

Soil

S-088210-29-072116-SR-09

1-16

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S-088210-29-072116-SR-10

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1154

Soil

S-088210-29-072116-SR-59

1-16

1154

Soil

S-088210-29-072116-SR-60

1-16

1154



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			



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 **Lab Order:** 1607E65
Project: Endurance 25

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



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: 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 $>0^{\circ}\text{C}$ 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?

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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.3	Good	Yes			

Analysis Request

If necessary, samples submitted to Hail 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 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

Sample Log-In Check List

Client Name: GHD

Work Order Number: 1607F54

RcptNo: 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			

Chain-of-Custody Record

Client: GHD Albuquerque

Mailing Address: 621 Indian School Rd NE

PO 200, Albuquerque NM 87110

Phone # 505-884-0672

E-mail or Fax#: Beinnard.Bouillon@ghd.com

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

Standard ☐ NELAP ☐ Other ☐

Accreditation ☐ NELAP ☐ Other ☐

EDD (Type) ☐

Date Time Matrix Sample Request ID

8-16 1321 S&L S088210-29-072816-SR-01

1323 S088210-29-072816-SR-02

1325 S088210-29-072816-SR-03

1330 S088210-29-072816-SR-04

1334 S088210-29-072816-SR-05

1339 S088210-29-072816-SR-06

1345 S088210-29-072816-SR-07

✓ 1425 S088210-29-072816-SR-08

Relinquished by: Steve Perez

Relinquished by: Michelle Marshall

Relinquished by: Kimberly Connelly

Relinquished by: Kimberly Connelly

Relinquished by: Kimberly Connelly

Relinquished by: Kimberly Connelly

Relinquished by: Kimberly Connelly

Relinquished by: Kimberly Connelly

Relinquished by: Kimberly Connelly

Relinquished by: Kimberly Connelly

Relinquished by: Kimberly Connelly

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Endurance 25 S&D #2

Project #: 088210/29

Project Manager: Bernard Bouillon

505-280-0572

Sampler: Steve Perez

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.4

Container Type and # 4726321

Preservative Type SE

HEAL No. 160754

-009

-010

-011

-012

-013

-014

-015

-016

✓

✓

✓

✓

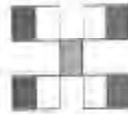
✓

✓

✓

✓

✓



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, NO₃, NO₂, PO₄, SO₄)

8081 Pesticides / 8082 PCB's

8260B (VOA)

8270 (Semi-VOA)

Chloride 300.0

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

Remarks:

Please run S088210-29-072816-SR-08 for #8 hr turn-around



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
Project: Endurance 25

Lab Order: 1608277

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
	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.	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: 1608277

RcptNo: 1

Received by/date:

Logged By: Lindsay Mangin

8/2/2016 10:00:00 AM

Completed By: Lindsay Mangin

8/4/2016 3:08:24 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? 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: GAU - Albuquerque

Project Name: Education 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

[Signature]

Completed By: Lindsay Mangin

8/3/2016 10:10:15 AM

[Signature]

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			



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.	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

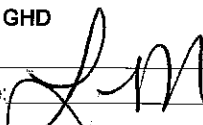
Sample Log-In Check List

Client Name: GHD

Work Order Number: 1608364

RcptNo: 1

Received by/date:

 08/05/16

Logged By: Ashley Gallegos

8/5/2016 10:30:00 AM

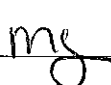


Completed By: Ashley Gallegos

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

Turn-Around Time:

Client: CHD-Albuquerque

☒ Standard ☐ Rush

Project Name:

Endurance 25

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)

Project Manager:

Bernard Bockisch

505-280-0572

Sampler:

Steve Perez

On Ice: ☐ Yes ☐ No

Sample Temperature: 2.8

Container Type and #

Preservative Type

HEAL No. 4

10083603

Sample Request ID

Date

Time

Matrix

Sample Request ID

Date

Time

Matrix

Sample Request ID

Date

Time

Matrix

Sample Request ID

Date

Time

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Sample Request ID

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Sample Request ID

Date

Time

Matrix

Sample Request ID

Date

Time

Matrix



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 **Lab Order:** 1608486
Project: Endurance 25

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	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	

Analytical Report

Lab 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:	mbk	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

Completed By: Ashley Gallegos

8/8/2016 5:27:20 PM

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

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	Page 2 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	

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
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	8/16/2016 3:13:32 PM	27014

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
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	8/16/2016 3:50:45 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

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-0164516-1 JCE

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: Time: Relinquished by:

3-9-16 0800 Steven Bary

Date: Time: Relinquished by:

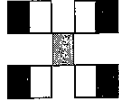
11-01-16 1300 Spal

Received by:

Spal 8/16/16 0800

Received by:

Spal 8/16/16 0800



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 ³⁻ , SO ₄ ²⁻)	8081 Pesticides / 8082 PCBs	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 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

Analytical Report

Lab Order: 1608777

Date Reported: 8/18/2016

Hall Environmental Analysis Laboratory, Inc.**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



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
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Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD

Work Order Number: 1608777

RcptNo: 1

Received by/date:

Logged By: Ashley Gallegos

8/12/2016 9:40:00 AM

Completed By: Ashley Gallegos

8/12/2016 2:31:07 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? 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 $^{\circ}\text{C}$	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
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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
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Client Sample ID:	S-088210-29-082416-SP-01	Matrix:	SOIL
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Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	1100	30		mg/Kg	20	8/30/2016 11:43:15 AM	27249

Lab ID:	1608G37-002	Collection Date:	8/24/2016 2:19:00 PM
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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: ANIONS							Analyst: LGT
Chloride	590	30		mg/Kg	20	8/30/2016 12:20:28 PM	27249

Lab ID:	1608G37-003	Collection Date:	8/24/2016 2:45:00 PM
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Client Sample ID:	S-088210-29-082416-SP-03	Matrix:	SOIL
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Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	620	30		mg/Kg	20	8/30/2016 12:32:53 PM	27249

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:

IC

08/26/16

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 ☐
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 ☐
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: 200, Albuquerque NM 87110

Phone #: 505-884-0672

Mail 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:

Bernard Bockisch

Sampler:

Steve Perez

On Ice: ☐ Yes ☒ No

Sample Temperature: 20.1

Container Type and #

Preservative Type

HEAL No.

11088437

001

002

003

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)	

X Chloride 390.0

Remarks:

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

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

Relinquished by:

[Signature]

Time: 1500

Relinquished by:

[Signature]

Time: 1900

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

GENERATOR	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 888-3705	4. ADDRESS 5508 Champion Dr. CITY STATE ZIP Midland TX. 79706		5. PICK-UP DATE 8/10/2016	
	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.	
TRANSPORTER	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:		
DISPOSAL SITE	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		
	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 8/10/2016	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

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

PRINTED/TYPED NAME

SIGNATURE

DATE

6/10/2016

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

[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

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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) 888-3705

4. ADDRESS

5508 Champion Dr.

CITY

Midland

STATE

TX.

ZIP

79708

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

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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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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

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1. PAGE ___ OF ___

2. TRAILER NO. #

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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

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

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

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

PRINTED/TYPED NAME

Doug Stephens

SIGNATURE

[Signature]

DATE

6/15/2016

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

[Signature]

CELL NO.

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
	a. Non-Regulated, Non Hazardous Waste			1	CM
	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	
	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:	
DISPOSAL SITE	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE 6/15/2016			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 <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. # DDB

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3. COMPANY NAME

E.O.G. Resources

PHONE NO.

(432) 688-3705

4. ADDRESS

5509 Champion Dr.

CITY

Midland

STATE

TX.

ZIP

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.

TO 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

SHANNON

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

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.

TO 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@ 80640

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

Christopher Carranza

PRINTED/TYPED NAME

SIGNATURE

Christopher Carranza

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

Antonio Gonzalez

CELL NO.

DATE

8/18/2016

TIME

9:30

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

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) 888-3705		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 8/16/2018	TIME 9:45

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 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 TA 84940					13. WASTE PROFILE NO.				
	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 O R Y	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]					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

COBY :

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 Midland STATE TX. ZIP 79706	5. PICK-UP DATE 6/17/2016
	6. TNRCC I.D. NO.		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED: a. Non-Regulated, Non Hazardous Waste	8. CONTAINERS No. 1 Type CM	9. TOTAL QUANTITY
	10. UNIT Wt/Vol. Y	11. TEXAS WASTE ID #	
A T O R	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2		13. WASTE PROFILE NO.
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME KIN SLAUGHTER PHONE NO 575-887-4048 24-HOUR EM		
	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
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>Urbano Carranza</i> SIGNATURE <i>[Signature]</i> DATE 6/17/2016		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE
	16. LEA LAND, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM
	PHONE: 575-887-4048		
D I S P O S I T O R Y	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 Y	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>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

GENERATOR	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:		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: 17,680 20,120				
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2			13. WASTE PROFILE NO.	
	T@ 37,800				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT				
TRANSPORTER	NAME KIN SLAUGHTER		PHONE NO 575-887-4048		24-HOUR EMERGEN
	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	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:		
DISPOSAL	18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material		
	PRINTED TYPED NAME: Isidoro Garcia N.		PRINTED/TYPED NAME		
	SIGNATURE: Isidoro Garcia N. DATE: 8/20/2016		SIGNATURE DATE		
DISPOSAL	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 8/20/2016	TIME 10:00

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 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 79708	5. PICK-UP DATE 8/20/2016			
			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 37,280 40,080					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD # 2 TO 77,360				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	

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 X Carminza DATE 8/20/2016		SIGNATURE DATE	

DISPOSAL S I T E	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 8/20/2016	TIME 10:20

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

Carranza

2. TRAILER NO. # 77

GENERATOR	3. COMPANY NAME E.O.G Resources		4. ADDRESS 5509 Champion Dr.		5. PICK-UP DATE 8/20/2018	
	PHONE NO. (432) 886-3705		CITY Midland	STATE TX.	ZIP 79706	
	6. TNRCC I.D. NO.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					
NON-REGULATED	a. <u>Non-Regulated, Non Hazardous Waste</u>		8. CONTAINERS No. 1	Type CM	9. TOTAL QUANTITY	10. UNIT Wt/Vol. Y
	b.					
	c.					
	d. <u>WT 36,880 35,840</u>					
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD # 2				13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
T	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					
R	PRINTED/TYPED NAME		SIGNATURE		DATE	
	16. TRANSPORTER (1)		17. TRANSPORTER (2)			
TRANSPORTER	NAME: <u>SDR ENTERPRISE LLC</u>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <u>SHANNON</u>		IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: <u>(575) 441-7330</u>		EMERGENCY PHONE:			
S	18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <u>[Signature]</u>		PRINTED/TYPED NAME _____			
	SIGNATURE <u>[Signature]</u>		SIGNATURE _____			
	DATE <u>8/20/2018</u>		DATE _____			
DISPOSAL	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.					
A T T E N T I O N	AUTHORIZED SIGNATURE <u>[Signature]</u>		CELL NO. _____		DATE 8/20/2018	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 **114814**

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 8/21/2018	
	PHONE NO. (432) 686-3705		CITY STATE ZIP Midland TX. 79706		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	
	b.					
T R A N S P O R T E R S	c.					
	d. WT 37,520 38280					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2				13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
	NAME KIN-SLAUGHTER		PHONE NO 575-887-4048		24-HOUR EMERGENCY NO.	
D I S P O S I T O R	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)			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 <i>Urbano Carranza</i>			PRINTED/TYPED NAME		
	SIGNATURE <i>[Signature]</i> DATE 8/21/2018			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 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

G
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T
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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

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

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

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

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

/

8/21/2016

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

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

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

PRINTED/TYPED NAME

PRINTED/TYPED NAME

SIGNATURE

DATE

8/21/2016

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

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 #		
A T O R	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2 T@ 81.74		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
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: [Signature] SIGNATURE: [Signature] DATE: 8/22/2016		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____
	16. TRANSPORTER (1) NAME: Lealand LLC ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM PHONE: 575-887-4048		
	16. TRANSPORTER (1) NAME: Lealand LLC ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM PHONE: 575-887-4048		
D I S P O S I T A L Y	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		
	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

Y

N

E

R

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

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

8/22/2016

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*

G
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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:

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

8/22/2016

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

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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

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. 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 T@ 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 O R	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 O R	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 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: 8/23/2016 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

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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.

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	3. COMPANY NAME E.O.G Resources PHONE NO (432) 886-3705	4. ADDRESS 5508 Champion Dr. CITY STATE ZIP Midland TX. 79706	5. PICK-UP DATE 7/7/2018		
			6. TNRCC I.D. NO.		
	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
	b.				
	c.				
REMARKS	d. Wt: 24,260 20,420				
	12. COMMENTS OR SPECIAL INSTRUCTIONS: RHNU 108		13. WASTE PROFILE NO.		
	IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGENCY NO. KIN SLAUGHTER 575-887-4048				
OBSERVER	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	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: Isidro Garcia		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME:		
	SIGNATURE: Isidro Garcia DATE: 7/7/2018		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 Santos Gonzalez		CELL NO.	DATE 7/7/2018	TIME 11:10

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5