

## **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

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 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.

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

Alan Brandon

Senior Project Manager

AIC Brand

AB/mc/03

Bernard Bockisch

Senior Project Manager

088210-29Yu.docx 2

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

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

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

Name of Company: EOG Resources, Inc.   Contact: Zane Kurtz			1	ction	rrective A	n and Co	catio	ease Notifi	Rel				
Address: 5509 Champions Drive, Midland, TX 79706  Facility Name: Endurance 25 SWD #2  Surface Owner: BLM  Mineral Owner: BLM  Mineral Owner: BLM  API No.: 30-025-41067  LOCATION OF RELEASE  Unit Letter   Section   Township   Range   Sect from the   Section   Size   Source of Release: Open Valve   Source of Release: Other No.   Source of Re	inal Repor	al Report 🛛 Fin	☐ Initi		OR	<b>OPERA</b>							
Surface Owner: BLM				\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>				TTV 70706					
Surface Owner: BLM			11					TX 79706					
LOCATION OF RELEASE		. 20 025 41067			. , , and injusti			) (!					
Unit Letter   Section   Township   Range   258   33E   2310'   North/South Line   Feet from the   P90'   W   Lea   County   Lea      Latitude   32.0152   Longitude   -103.5309   NATURE OF RELEASE		.: 30-023-41007	APINO								ner: BLM	Surface Ow	
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 0700  Was Immediate Notice Given? If YES, To Whom? NA  By Whom? NA  By Whom? NA  Was a Watercourse Reached? 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 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 are backfilled and reseeded.  Thereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endar 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 liat should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any of the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any of the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any of the environment. In addition, NMOCD marked as "Final Report" does not relieve the operator of responsibility for compliance with any of t		Country	Vant I ima	T/X					n		1 a		
Type of Release: Open Valve    Type of Release: Open Valve   Volume of Release: 350 BBLs   Volume Recovered: 250 BBLs							1		-	-	, ,		
Source of Release: Open Valve  Source of Release: Oil tank bottom rotted out  Date and Hour of Occurrence 6-28-2016  Date and Hour of Occurrence 6-28-2016  O700  Was Immediate Notice Given?  Was Immediate Notice Given?  Was a Watercourse Reached?  Yes No Not Required  By Whom? NA  Date and Hour  Was a Watercourse Reached?  Yes No  If YES, Volume Impacting the Watercourse.  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 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 area 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 regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endan 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 lat should their operatoris have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any out of the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any out					103.5309	_ Longitude		32.0152	titude	Lat			
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Printed Name: Zane Kultz  Title: Envilonmental Rep  Approved by Environmental Specialist:  Approval Date: Expiration Date:		Date:	Expiration						Rep	mental	VICON	Title: ¿~	
E-mail Address: Zane-Kultz & eggles wills, com Conditions of Approval:  Date: 2-24-17  Phone: 432-425-2023  Attach Additional Sheets If Necessary		Attached			Approval:	Conditions of	,101 1023	19/450NCPS : 431 425 d	Z A es	le-Kuit	24-L7	E-mail Addre	



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 benzene, 50 mg/kg for total BTEX, 1,000 mg/kg for TPH¹, and 250 mg/kg for chl	

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** 

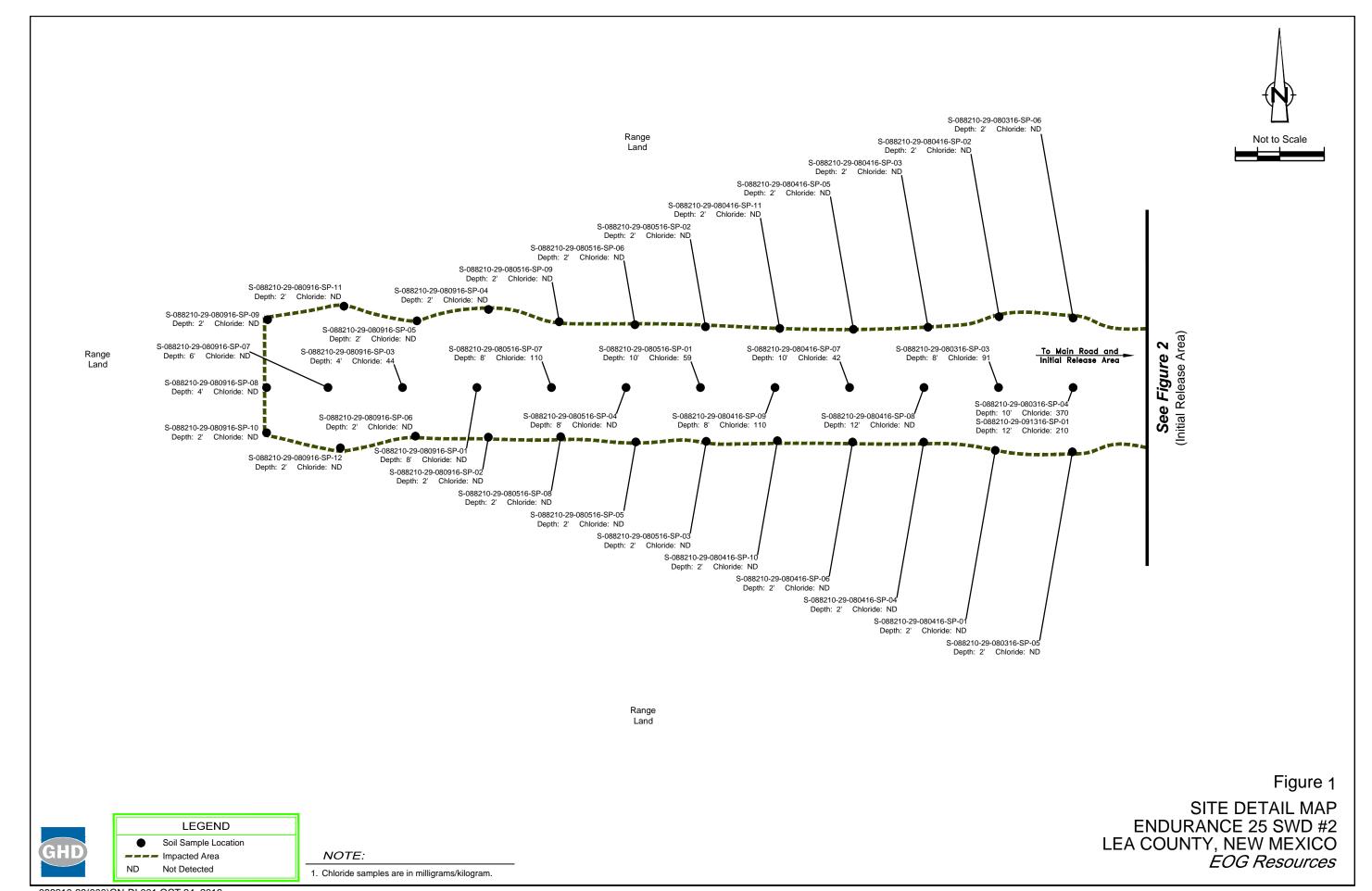
Betsy Gerwig Senior Project Manager

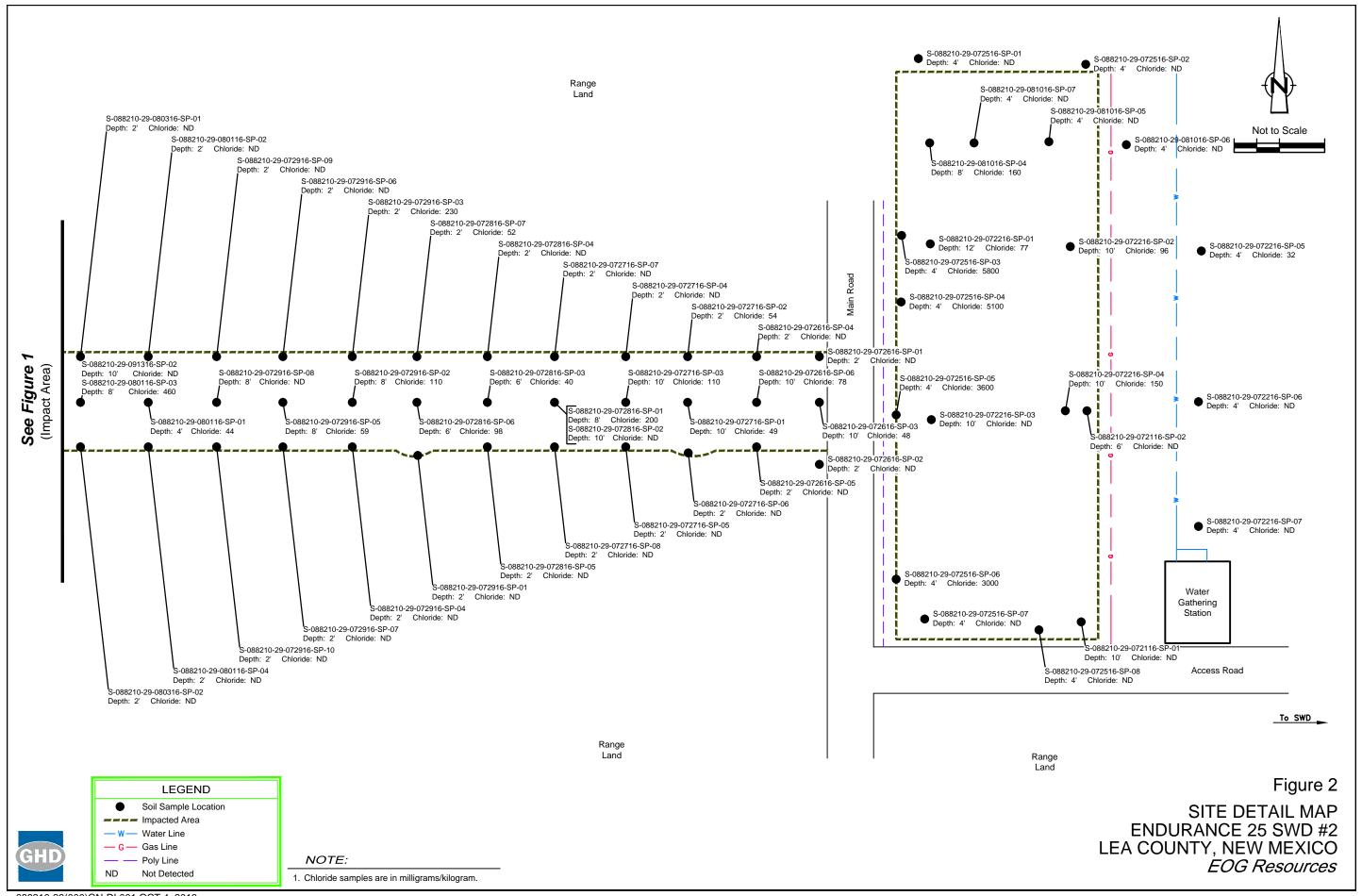
BB/mc/02

Bernard Bockisch Senior Project Manager

Betry K. Lewing

**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	<0.023	<0.048	<0.048	<0.092	<0.207	<4.8	15	15	94
Location F	4.5	6/30/2016	<0.024	<0.048	<0.048	<0.097	<0.217	<4.0	<9.9	<14.8	<30
Location E	2.2	6/30/2016	<0.023	<0.043	<0.049	<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
Estation S	1.0	170172010	40.021	40.017	40.017	40.000	40.210	V 1	110	VI 1.7	10,000
S-088210-29-072116-SP-01	10.0	7/21/2016									<30
S-088210-29-072116-SP-02	6.0	7/21/2016									<30
S-088210-29-072216-SP-01	12.0	7/22/2016									77
S-088210-29-072216-SP-02	10.0	7/22/2016									96
S-088210-29-072216-SP-03	10.0	7/22/2016									<30
S-088210-29-072216-SP-04	10.0	7/22/2016									150
S-088210-29-072216-SP-05	4.0	7/22/2016									32
S-088210-29-072216-SP-06	4.0	7/22/2016									<30
S-088210-29-072216-SP-07	4.0	7/22/2016									<30
S-088210-29-072516-SP-01	4.0	7/25/2016									<30
S-088210-29-072516-SP-02	4.0	7/25/2016									<30
S-088210-29-072516-SP-03	4.0	7/25/2016									5,800
S-088210-29-072516-SP-04	4.0	7/25/2016									5,100
S-088210-29-072516-SP-05	4.0	7/25/2016									3,600
S-088210-29-072516-SP-06	4.0	7/25/2016									3,000
S-088210-29-072516-SP-07	4.0	7/25/2016									<30
S-088210-29-072516-SP-08	4.0	7/25/2016									<30
S-088210-29-072616-SP-01	2.0	7/26/2016									<30
S-088210-29-072616-SP-02	2.0	7/26/2016									<30
S-088210-29-072616-SP-03	10.0	7/26/2016									48
S-088210-29-072616-SP-04	2.0	7/26/2016									<30
S-088210-29-072616-SP-05 S-088210-29-072616-SP-06	2.0 10.0	7/26/2016 7/26/2016			<b></b>						<30 78
3-086210-29-072616-3F-06	10.0	1/20/2010									10
S-088210-29-072716-SP-01	10.0	7/27/2016									49
S-088210-29-072716-SP-02	2.0	7/27/2016									54
S-088210-29-072716-SP-03	10.0	7/27/2016									110
S-088210-29-072716-SP-04	2.0	7/27/2016									<30
S-088210-29-072716-SP-05	2.0	7/27/2016									<30
S-088210-29-072716-SP-06	2.0	7/27/2016									<30
S-088210-29-072716-SP-07	2.0	7/27/2016									<30
S-088210-29-072716-SP-08	2.0	7/27/2016									<30
S-088210-29-072816-SP-01	8.0	7/28/2016									200
S-088210-29-072816-SP-02	10.0	7/28/2016									<30
S-088210-29-072816-SP-03	6.0	7/28/2016									40
S-088210-29-072816-SP-04	2.0	7/28/2016									<30
S-088210-29-072816-SP-05 S-088210-29-072816-SP-06	2.0 6.0	7/28/2016 7/28/2016			<del></del>						<30 98
S-088210-29-072816-SP-06 S-088210-29-072816-SP-07	2.0	7/28/2016									52
S-088210-29-072816-SP-08	stockpile	7/28/2016									2,700
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S-088210-29-072916-SP-01	2.0	7/29/2016									<30
S-088210-29-072916-SP-02	8.0	7/29/2016									110
S-088210-29-072916-SP-03	2.0	7/29/2016									230
S-088210-29-072916-SP-04	2.0	7/29/2016									<30
S-088210-29-072916-SP-05	8.0	7/29/2016									59
S-088210-29-072916-SP-06	2.0	7/29/2016									<30
S-088210-29-072916-SP-07	2.0	7/29/2016									<30
S-088210-29-072916-SP-08	8.0	7/29/2016									<30
S-088210-29-072916-SP-09	2.0	7/29/2016									<30
S-088210-29-072916-SP-10	2.0	7/29/2016									<30
S-088210-29-080116-SP-01	4.0	8/01/2016									44
S-088210-29-080116-SP-02	2.0	8/01/2016									<30
	8.0	8/01/2016									460
3-000Z 10-29-0001 10-3P-03	0.0	3,31,2010	_								
S-088210-29-080116-SP-03 S-088210-29-080116-SP-04	2 0	8/01/2016									<30
S-088210-29-080116-SP-03 S-088210-29-080116-SP-04 S-088210-29-080116-SP-05	2.0 stockpile	8/01/2016 8/01/2016									<30 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	Chlorid
S-088210-29-080316-SP-01	2.0	8/03/2016									<30
S-088210-29-080316-SP-02	2.0	8/03/2016									<30
S-088210-29-080316-SP-03	8.0	8/03/2016									91
S-088210-29-080316-SP-04	10.0	8/03/2016									370
S-088210-29-080316-SP-05	2.0	8/03/2016									<30
S-088210-29-080316-SP-06	2.0	8/03/2016									<30
S-088210-29-080416-SP-01	2.0	8/04/2016									<30
S-088210-29-080416-SP-02	2.0	8/04/2016									<30
S-088210-29-080416-SP-03	2.0	8/04/2016									<30
S-088210-29-080416-SP-04	2.0	8/04/2016									<30
S-088210-29-080416-SP-05	2.0	8/04/2016									<30
S-088210-29-080416-SP-06	2.0	8/04/2016									<30
S-088210-29-080416-SP-07	10.0	8/04/2016									42
S-088210-29-080416-SP-08	12.0	8/04/2016									<30
S-088210-29-080416-SP-09	8.0	8/04/2016									110
S-088210-29-080416-SP-10	2.0	8/04/2016									<30
S-088210-29-080416-SP-11	2.0	8/04/2016									<30
S-088210-29-080516-SP-01	10.0	8/05/2016									59
S-088210-29-080516-SP-02	2.0	8/05/2016									<30
S-088210-29-080516-SP-03	2.0	8/05/2016									<30
S-088210-29-080516-SP-04	8.0	8/05/2016									<30
S-088210-29-080516-SP-05	2.0	8/05/2016									<30
S-088210-29-080516-SP-06	2.0	8/05/2016									<30
		8/05/2016									
S-088210-29-080516-SP-07	8.0										110
S-088210-29-080516-SP-08	2.0	8/05/2016									<30
S-088210-29-080516-SP-09	2.0	8/05/2016									<30
S-088210-29-080916-SP-01	8.0	8/09/2016									<30
S-088210-29-080916-SP-02	2.0	8/09/2016									<30
S-088210-29-080916-SP-03	4.0	8/09/2016									44
S-088210-29-080916-SP-04	2.0	8/09/2016									<30
S-088210-29-080916-SP-05	2.0	8/09/2016									<30
S-088210-29-080916-SP-06	2.0	8/09/2016									<30
S-088210-29-080916-SP-07	6.0	8/09/2016									<30
S-088210-29-080916-SP-08	4.0	8/09/2016									<30
S-088210-29-080916-SP-09	2.0	8/09/2016									<30
S-088210-29-080916-SP-10	2.0	8/09/2016									<30
S-088210-29-080916-SP-11	2.0	8/09/2016									<30
S-088210-29-080916-SP-12	2.0	8/09/2016									<30
S-088210-29-081016-SP-01	stockpile	8/10/2016									2,000
S-088210-29-081016-SP-02	stockpile	8/10/2016									4,000
	<u> </u>										
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	0/13/2016									210
S-088210-29-091316-SP-02	12.0 10.0	9/13/2016 9/13/2016									<30
Recommended Remed	liation Action L	imits	10		Total BTE	X: 50		Tota	al TPH: 1,000		250

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

**Appendices** 

088210-29Kurtz- Assessment Summary Report

# 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 7/18/2016

7/7/2016 2:11:37 PM

26258

#### Hall Environmental Analysis Laboratory, Inc.

Surr: 4-Bromofluorobenzene

CLIENT: GHD Client Sample ID: Location A

98.9

 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

**PQL Qual Units** Analyses Result **DF** Date Analyzed Batch **EPA METHOD 300.0: ANIONS** Analyst: LGT 500 7/13/2016 10:07:56 AM 26328 Chloride 11000 750 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: TOM Diesel Range Organics (DRO) ND 9.3 mg/Kg 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 %Rec 92.0 70-130 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 %Rec 7/7/2016 2:11:37 PM 26258 80-120 1 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.023 mg/Kg 1 7/7/2016 2:11:37 PM 26258 Toluene 7/7/2016 2:11:37 PM 26258 ND 0.046 mg/Kg 1 Ethylbenzene ND 7/7/2016 2:11:37 PM 0.046 mg/Kg 1 26258 Xylenes, Total ND 0.092 mg/Kg 7/7/2016 2:11:37 PM 26258

80-120

%Rec

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 10
	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.

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 Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LGT
Chloride	94	30	mg/Kg	20	7/11/2016 2:25:27 PM	26328
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS	;			Analys	t: 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 RAN	IGE				Analys	t: 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					Analys	t: 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.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 2 of 10
	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 container temperature is out of limit as specified

## Date Reported: 7/18/2016

#### Hall Environmental Analysis Laboratory, Inc.

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 Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: LGT
Chloride	ND	30	mg/Kg	20	7/11/2016 2:37:51 PM	26328
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS	;			Analys	: 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 RAM	IGE				Analys	: 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					Analys	: 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. Analyte detected in the associated Method Blank D Sample Diluted Due to Matrix Е Value above quantitation range Analyte detected below quantitation limits Page 3 of 10 Н Holding times for preparation or analysis exceeded J ND Not Detected at the Reporting Limit P Sample pH Not In Range R RPD outside accepted recovery limits RL Reporting Detection Limit

% Recovery outside of range due to dilution or matrix

# Hall Environmental Analysis Laboratory, Inc. 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 Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: <b>LGT</b>
Chloride	5900	300	mg/Kg	200	7/13/2016 10:20:20 AM	1 26328
EPA METHOD 8015M/D: DIESEL RAM	NGE ORGANICS	;			Analys	t: 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 RA	NGE				Analys	t: 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					Analys	t: 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.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 4 of 10
	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

## Date Reported: 7/18/2016

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Client Sample ID: Location D

**Project:** Endurance 25 SWD #2 Collection Date: 7/1/2016 12:45:00 PM

1607199-005 Received Date: 7/6/2016 9:30:00 AM Lab ID: Matrix: SOIL

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analysi	: LGT
Chloride	8000	300	mg/Kg	200	7/13/2016 10:32:45 AM	1 26328
EPA METHOD 8015M/D: DIESEL RANG	SE 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 RAN	IGE				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. D Sample Diluted Due to Matrix

- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 5 of 10 J
- P Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

## Hall Environmental Analysis Laboratory, Inc.

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 Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LGT
Chloride	10000	750	mg/Kg	500	7/13/2016 10:45:09 AM	1 26328
EPA METHOD 8015M/D: DIESEL RANG	SE ORGANICS	6			Analys	t: 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 RAN	IGE				Analys	t: 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					Analys	t: 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.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 6 of 10
	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.

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

Page 7 of 10

#### 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) 10 50.00 n 62.6 37 74.1 124 Surr: DNOP 4.0 5.000 79.2 130 Sample ID MB-26283

SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 26283 RunNo: 35512 Analysis Date: 7/8/2016 Prep Date: 7/7/2016 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 ND 50 Motor Oil Range Organics (MRO) 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 84.8 33.9 141 Surr: DNOP 4.6 5.102 90.8 70 130

Sample ID 1607199-001AMSD TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MSD Client ID: Location A Batch ID: 26283 RunNo: 35511 Prep Date: 7/7/2016 Analysis Date: 7/8/2016 SeqNo: 1100135 Units: mg/Kg LowLimit HighLimit SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result **PQL** 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

Page 8 of 10

## 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

TestCode: EPA Method 8015D: Gasoline Range Sample ID LCS-26258 SampType: LCS

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 25.00 101 80 120 1100 1000 108 80 Surr: BFB 120

#### Qualifiers:

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

Page 9 of 10

## Hall Environmental Analysis Laboratory, Inc.

0.96

WO#: **1607199** 

18-Jul-16

Client: GHD

Surr: 4-Bromofluorobenzene

**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 **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0.025 Benzene ND Toluene ND 0.050 0.050 Ethylbenzene ND Xylenes, Total ND 0.10

96.3

80

120

1.000

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

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 SeaNo: 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 93.1 71.5 122 Toluene 0.89 0.048 0.9515 0 93.8 71.2 123 99.8 75.2 Ethylbenzene 0.95 0.048 0.9515 0 130 0.095 0 99.9 Xylenes, Total 2.9 2.854 72.4 131 Surr: 4-Bromofluorobenzene 0.9515 105 80 120 1.0

Sample ID 1607199-001AMSD SampType: M			SD TestCode: EPA Method 8021B: Volatiles							
Client ID: Location A	Batch	ID: <b>26</b> 2	258	F	RunNo: 3	5484				
Prep Date: 7/6/2016	Analysis D	ate: <b>7/</b>	7/2016	S	SeqNo: 1	098939	Units: mg/K	(g		
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

Page 10 of 10

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified



Hall Environmental Analysis Laborotory 4901 Hawkins NL 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 RoptNo: 1 Received by/date: Ho Logged By: Lindsay Mangin 7/6/2016 9:30:00 AM Lindsay Mangin Completed By: 7/6/2016 2:20:51 PM an Reviewed By: Chain of Custody Not Present V 1 Custody seals intact on sample bottles? Yes No L 2. Is Chain of Custody complete? No. Not Present 3 How was the sample delivered? FodEx Log In No 🗆 4. Was an attempt made to cool the samples? NA Yes V Were all samples received at a temperature of >0° C to 6.0°C No NA Yes V Sample(s) in proper container(s)? No. Yes V 7 Sufficient sample volume for indicated test(s)? Yes V No No. 8 Are samples (except VOA and ONG) properly preserved? NA L 9. Was preservative added to bottles? No V Yes 10. VOA vials have zero headspace? No VOA Vials V No L Yes No V 11. Were any sample containers received broken? Yes # of preserved bottles checked 12. Does paperwork match hottle labels? No. for pH: (Note discrepancies on chain of custody) (<2 or >12 unless noted) Adjusted? No L 13 Are matrices correctly identified on Chain of Custody? Yes V 14. Is it clear what analyses were requested? No Checked by. No . 15 Were all holding times able to be met? Yes V (If no, notify customer for authorization.) Special Handling (if applicable) 16. Was client not fied of all discrepancies with this order? Yes \_ No. NA V Person Notified: Date By Whom: eMail Via: 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 4.5 Good Yes

S	hain-of	-Custo	Chain-of-Custody Record	Turn-Around Time:	Time:				
Zient	GHD			Standard Project Name:	d G Rush			ANALYSIS LABORATORY	RY
failing Address: 121 Indian School Rd NE Ste. 200 Ibuquerque NM, 87110	chool Rd N NM, 87110	E Ste. 200		Project #:	Endurance 25 SWD #2 (088210/2	e 25 SWD #2 (088210/29)	4901	4901 Hawkins NE - Albuquerque, NM 87109	
hone #:		(505) 884-0672	4-0672			(21)	Ď	E	
mail or Fax#		Bernard	Bernard Bockisch@ahd.com	Project Man	Manager				
A/GC Package I Standard	di.		dation)		Bernard Bockisch	ockisch	910	n'one p	
ccreditation.		D Other		Sampler: 3	All Jan	S	8 bort	Dutaw	(N
1 EDD (Type)	9			Sample Temperature:	1	الم الم	eW v	A4	0 A)
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO.	   97EX 6y EPA   49 EPA   44 EPA	cylouge ph E	Air Bubbles (
5/30/2016	12:36	12:35 soil	Location A	4 oz jar	none	100-	×		
5/30/2016	13:40 soil	Soil	Location B	4 oz jar	none	7007	×		
5/30/2016	18:45	18:45 soil	Location F	4 oz jar	none	-003	×		
5/30/2016	19:48 soil	Soil	Location E	4 oz jar	none	- Or	×		
		-			8	6.30.14			
						)		1	
7.5.4	1300	Relinguished by	1/343	Received by		Date Time	e a	narks.	1
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serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Sold

Chient.   CHD   Project Name:   Mailing Address:   End	In Rush  Idurance 25 SWD #2  (088210/2  ernard Bockisch  grys irature: L	ANALYSIS LABORA  www.hallenvironmental.com  www.hallenvironmental.com  www.hallenvironmental.com  www.hallenvironmental.com  www.hallenvironmental.com  Analysis Request  Analysis Request	ANALYSIS LABORATORY www.hallenvironmental.com kins NE - Albuquerque, NM 87109 845-3975 Fax 505-345-4107 Analysis Request
## 87110  (505) 884-0672  Bernarc. Bocksch@ahd.com.    Dother   Dother   Docation   Doca	Endurance 25 SWD #2  (088210/2 anager  Bernard Bockisch  g Yes emperature:  T Ype  T Ype  T Ype	/ S059/1. 2:11 1990 11	quest
# Ste. 200  (505) 884-0672  Bernarc. Bocksch@ahd.com.    Dother   Dother   Docation   Do	(088210/2 anager  Bernard Bockisch  Avvi (M)  R Yes  Emperature:  Type  Type	605377 2011 1980 11	9-345-4107 quest
(505) 884-0672  Bernarc Bocksch@ghd.com.  I Level 4 (Full Validation)  Cother  Matrix Sample Request ID  12:45 soil Location D  15:30 soil Location C	rnard Bockisch  Nes  Iture  Servative  Type	by EPA Method 8015.	tsenb
Time Matrix Sample Request ID 12:45 soil Location D 15:30 soil Location C	Thard Bockisch  Nes  Sture  L  Servative  Type	4 by EPA Method 8015	
Time Matrix Sample Request ID 12:45 soil Location D 15:30 soil Location C	d Bockisch	4 by EPA Method 8015	
Time Matrix Sample Request ID 12:45 soil Location D 15:30 soil Location C	AH String	B by EPA Method 8	
Time Matrix Sample Request ID 12:45 soil Location D 15:30 soil Location C	The string of th	ah by EPA Me	(1) 10
Time Matrix Sample Request ID 12:45 soil Location D 15:30 soil Location C	Preservative HE,	н рλ Еъ	3.813
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Date Refinquished by: Received by	y. Date Time		



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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

#### **Analytical Report**

Lab Order: **1607D20**Date Reported: **8/5/2016** 

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1607D20 Project: Endurance 1607D20-001 **Collection Date:** 7/21/2016 1:46:00 PM Lab ID: 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 Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride ND 30 mg/Kg 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 **POL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 20 7/29/2016 1:16:50 AM Chloride 77 30 mg/Kg 26675 1607D20-004 Lab ID: Collection Date: 7/22/2016 10:22:00 AM Client Sample ID: S-088210-29-072216-SP-02 Matrix: SOIL **POL Qual Units** Analyses Result **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 Lab ID: 1607D20-005 **Collection Date:** 7/22/2016 10:24:00 AM Client Sample ID: S-088210-29-072216-SP-03 Matrix: SOIL **PQL Qual Units** Analyses Result **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.

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

#### **Analytical Report**

Lab Order: **1607D20**Date Reported: **8/5/2016** 

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1607D20 Project: Endurance 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 Result **PQL Qual Units DF** Date Analyzed **Batch ID Analyses EPA METHOD 300.0: ANIONS** Analyst: LGT 20 8/1/2016 1:31:10 PM Chloride 32 30 mg/Kg 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 **POL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 30 20 8/1/2016 1:43:35 PM ND mg/Kg 26717 1607D20-009 Lab ID: Collection Date: 7/22/2016 11:54:00 AM Matrix: SOIL Client Sample ID: S-088210-29-072216-SP-07 **PQL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride ND 30 mg/Kg 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 3
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

Result

14

WO#: 1607D20

05-Aug-16

Client: Project:	GHD 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: Ics 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

SPK value SPK Ref Val %REC

0

15.00

#### Qualifiers:

Analyte

Chloride

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Η Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RPD outside accepted recovery limits R

% Recovery outside of range due to dilution or matrix

В Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

92.7

LowLimit

90

HighLimit

110

%RPD

**RPDLimit** 

Qual

P Sample pH Not In Range

Reporting Detection Limit RL

Sample container temperature is out of limit as specified

Page 3 of 3



Hall Environmental Analysis Laboratory

4901 Hawkins NE Albuquerque, NM 87109

TEL: 305-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: GHD Work Order Number: 1607D20 RoptNo: 1 Received by/date: Logged By: Lindsay Mangin 7/26/2016 10:00:00 AM 7/26/2016 10:03:26 AM Completed By: Lindsay Mangin 07/26/16 Reviewed By: 013 Chain of Custody No . Not Present V 1 Custody seals intact on sample bottles? Yas Not Present No. 2. Is Chain of Custody complete? How was the sample delivered? Courier Log In NA \_ Yes V No 4. Was an attempt made to cool the samples? No | NA . Were all samples received at a temperature of >0° C to 6.0°C Yes V No 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? No V NA . 9. Was preservative added to bottles? Yes No VOA Vials V No 10. VOA vials have zero headspace? Yes No V 11. Were any sample containers received broken? Yes # of preserved bottles checked No Yes V for pH: 12 Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? No \_ 13. Are matrices correctly identified on Chain of Custody? Yes No 14, is it clear what analyses were requested? No. Checked by: Yes V 15. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) Yes NA V 16. Was client notified of all discrepancies with this order? No Person Notified: Date By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Seal Intact | Seal No Cooler No Temp °C Condition Sea Date Signed By 4.9 Good Yes

#### Air Bubbles (Y or N) **ANALYSIS LABORATORY** HALL ENVIRONMENTAL 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 4901 Hawkins NE - Albuquerque, NM 87109 Fax 505-345-4107 www.hallenvironmental.com **Analysis Request** (AOV) 809S8 8081 Pesticides / 8082 PCB's Anions (F,CI,NO3,NO2,PO4,SO4) RCRA 8 Metals Tel. 505-345-3975 (SMIS 0728 to 0188) a'HA9 EDB (Method 504.1) TPH (Method 418.1) 1PH 8015B (GRO / DRO / MRO) Remarks: BTEX + MTBE + TPH (Gas only) 81EX + MTBE + TMB's (8021) <u>စွ</u> Time として HEAL No. 21/2/1/0 4.90 2 U 505-080-0512 Project Manager: Bernard Bodwisch 78/210/29 store forest Container Preservative □ Rush Sample Temperature: Z Yes 7 7 左のないろの Turn-Around Time Project Name: ☑ Standard Type and # 432 g/ass-1 Project #: Sampler: <u>On 166</u>: S Z Receive Receiv 708210-29-072216-4P-03 4-08210-23-01280-1 5-08210-29-07216-5P-07 3.08210-23-072216-54 O6 708210-29-072216-54-02 □ Level 4 (Full Validation) Sample Request ID 5088210-29-072116-59-02 -088210-23-072216-51-01 3-08210-29-072a6sf05 10-85911720-52-01280-5 iling Address: (6/2) Indian School RUNE Chain-of-Custody Record - 0882W29-0702W-S ail or Fax#: Renord. Buckisch @ chd.com 200, Albuque rame, NM, 87110 enti HD-Albugnergne 505-884-0672 Person Relinguished by: □ Other Matrix .5/16 **682** ite: Time: | <u>}</u> **9**70 Time 'QC Package: 150 128 020 150 EDD (Type) 1027 250 16 34 Time creditation Standard NELAP one #: ate



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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **1607D97**Date Reported: **8/8/2016** 

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1607D97 Project: Endurance 1607D97-001 **Collection Date:** 7/25/2016 2:30:00 PM Lab ID: 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 Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **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 **POL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 300 Chloride 5800 mg/Kg 200 8/2/2016 8:07:52 PM 26731 1607D97-004 Lab ID: Collection Date: 7/25/2016 2:45:00 PM Client Sample ID: S-088210-29-072516-SP-04 Matrix: SOIL **POL Qual Units** Analyses Result **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 **PQL Qual Units** Analyses Result **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.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits Page 1 of 3

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

**DF** Date Analyzed

**Batch ID** 

Lab Order: **1607D97**Date Reported: **8/8/2016** 

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 1607D97

**Project:** Endurance

Analyses

**Lab ID:** 1607D97-006 **Collection Date:** 7/25/2016 2:56:00 PM

Client Sample ID: S-088210-29-072516-SP-06 Matrix: SOIL

Result

EPA METHOD 300.0: ANIONS Analyst: LGT

**PQL Qual Units** 

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: \* Valu

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 3
- 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#: **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.

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

Page 3 of 3



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

L: 505-345-3975 FAX: 505-345-4107 Websue: www.hallenvironmental.com

# Sample Log-In Check List

RoptNo: 1 Client Name: GHD Work Order Number: 1607D97 Received by/date: 7/27/2016 9:15:00 AM Logged By: Joe Archuleta 7/27/2016 11:31:19 AM Completed By: Joe Archuleta 7/27/14 Reviewed By: TO Chain of Custody Not Present No \_ 1. Custody seals intact on sample bottles? Yes No. Not Present 2. Is Chain of Custody complete? Yes V 3. How was the sample delivered? Courier Log In NA No Yes V 4. Was an attempt made to cool the samples? NA No \_ Were all samples received at a temperature of >0° C to 6.0°C Yes V 6 Sample(s) in proper container(s)? No Yes V 7. Sufficient sample volume for indicated test(s)? Yes V No No 8. Are samples (except VOA and DNG) properly preserved? No V NA I 9. Was preservative added to bottles? Yes No VOA Vials V Yes No L 10. VOA vials have zero headspace? No V 11. Were any sample containers received broken? # of preserved bottles checked for pH: No 12. Does paperwork match bottle labels? Yes V (<2 or >12 unless noted) (Note discrepancies on chain of custody). Adjusted? No. 13. Are matrices correctly identified on Chain of Custody? No 14. Is it clear what analyses were requested? Yes V Checked by: No. Yes V 15. Were all holding times able to be met? (If no, notify customer for authorization ) Special Handling (if applicable) Yes No. NA V 16. Was client notified of all discrepancies with this order? Person Notified: Date By Whom: Via: eMail Phone Fax Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Cooler No | Temp °C | Condition | Seal Infact | Seal No Seal Date Good

INTERNATIONAL PROPERTY OF THE	ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975	Anal	(O) (A)(U)	3021/ (S)	3) s' (Os) (Oq)	44 H97 (1. (1. (1. (1. (1. (1. (1. (1. (1. (1.	H18 504 504 504 504	b bo ol elogo ol elog	HEAL No.  BTEX + MT BTEX +		200-	200-	700 %	-005	900-	-007	3,00-			i	Date Time Remarks: 7/12/16 07%5	Date Time /	198 M. on 121/12 14 04/21/14 04/5
Tum-Around Time:	Standard □ Rush_		かなべらないろ	Project #:	L2/017880	Project Manager:	Bernard Boddisch	505-280-05	ir stove Pe		Sample Temperature: $4.0$	Container Preservative Type and # Type	Hozglass-1 ICe	}					,	\rightarrow\frac{1}{2}	>			Receivedoy;	Received Sy:	The At Only
cord	OHO-Albuque and		ailing Address: (0/2) Adianship Au		10 × 05 · 854 · 06 12	٤	·	☐ Level 4 (Full Validation)			3	Sample Request ID	S-188210-29-07256-4-01 1	K-088210-29-0725/658-02	5-068210-22-072516-59-03	5-088210-29-072516-39-04	5-088210-29-072516-5-05	3-035-91521-07-01288-56-06	K-08210-29-072511-5-07	5-088210-29-072516-59-08				Hoox		
Chain-of-Cu	lient: 040 #		ailing Address: 6/2	1,942,01 A1520	hone #: 1,05 '83'	ax#:	A/QC Package:	Standard	on	NELAP   Other	EDD (Type)	Jate Time Matrix	15/16/1930 Soil	1 1434 1	0 1 1 1	Shh)	145]	956	1051	V 11506 V			i	Time: Relinguished by:	afe: Time: Relinquished by	11. 190 M



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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **1607E65**Date Reported: **8/4/2016** 

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1607E65 Project: **Endurance 25** 1607E65-001 **Collection Date:** 7/26/2016 12:30:00 PM Lab ID: 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 Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **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 **PQL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 48 30 mg/Kg 20 8/1/2016 4:37:20 PM 26717 1607E65-004 Lab ID: Collection Date: 7/26/2016 1:52:00 PM **Client Sample ID:** S-088210-29-072616-SP-04 Matrix: SOIL **POL Qual Units DF** Date Analyzed Analyses Result **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 **PQL Qual Units** Analyses Result **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.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits Page 1 of 3

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Lab Order: **1607E65**Date Reported: **8/4/2016** 

# Hall Environmental Analysis Laboratory, Inc.

GHD Lab Order: 1607E65

**Project:** Endurance 25

**CLIENT:** 

**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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 3
- 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#: **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.

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

Page 3 of 3



riau Environmeniai Anaiysis Laooraiory 4901 Hawkins NE Albuquerque, NM 87109

# Sample Log-In Check List

Client Name: GHD Work Order Number: 1607E65 RcptNo: 1

Received by/date: 7/28/2016 9:35:00 AM

Received by/date: AG 07 Z8/ICo				
Logged By: Lindsay Mangin 7/28/2016 9:35:00 AM		Junely Hayso		
Completed By: Lindsay Mangin 7/28/2016 9:50:49 AM		Simby Hlynn		
Reviewed By: A /as 07/78/11		000		
Chain of Custody			···	
1. Custody seals intact on sample bottles?	Yes	No 🗆	Not Present	
2. Is Chain of Custody complete?	Yes 🗹	No 🗌	Not Present	
3. How was the sample delivered?	Courier			
<u>Log In</u>				
4. Was an attempt made to cool the samples?	Yes 🗸	No 🗆	NA $\square$	
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 🗹	# of preserved	
40 -		A1. 🗆	bottles checked	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🗹	No 🗔	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:	
(in the first of t				
Special Handling (if applicable)				
16. Was client notified of all discrepancies with this order?	Yes 🗌	No 🗌	na 🗹	
Person Notified: Date	- m - m - com-bhitine		•	
By Whom: Via: [	eMail [_	Phone  Fax	In Person	
Regarding:				
Client Instructions:				
17. Additional remarks:				
18. Cooler Information				
Cooler No Temp °C Condition Seal Intact Seal No	Seal Date	Signed By		
1 1.3 Good Yes				

Chain-of-Custody Record	Turn-Around Time:	HALL ENVIRONMENTAL
lient: (540-Albushorane	ख्र√Standard □ Rush	ANALYSIS LABORATORY
	Project Name:	www.hallenvironmental.com
Tailing Address: (0) 21 Indian School Rol NE		4901 Hawkins NE - Albuquerque, NM 87109
6200, Albugnorgne, NM, 87110	Project #:	Tel. 505-345-3975 Fax 505-345-4107
hone #: 505-184-0672	00000	Analysis Request
mail or Fax#: Dernard. Backisch Ughd. Om	Project Manager; CCU iSCh	s only)
1 Standard □ Level 4 (Full Validation)		( OF SIMIS
ou	Sampler: Steve Prie	Hatter (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
] NELAP □ Other □	<u> </u>	1878 103 103 103 103 103 103 103 103 103 103
1 EDD (Type)	Sample Temperature: 7.3	BE (G o o o o ide
Date Time Matrix Sample Request ID	Container Preservative HEAL No. Type and # Type   CTECE	BTEX + MT BTEX + MT BTEX + MT TPH 8015B TPH (Methor BDB) Hqt PCRA 8 Md PCRA 8 Md Monons (F,C) 8081 Pestic
26-16/123(1) 15-038210-29-072616-8-01	1 432 glass-1 ILE -CO)	<b>X</b>
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1340 1796-03	20-	
1352 5-138210-29-172616-8-04	122-	
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1/ 1405 U 5-015210-29-072611-58-06	900- A A 9	>
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Time: Relipquished by:	Received by Time Date Time	Remarks:
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1/11/19a / 1/10/	0 1/38/110	1935
the order of the latter of the third of the contract of the co	the other sea edited laboratories This serves as notice	of this mossibility. 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **1607F54**Date Reported: **8/5/2016** 

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1607F54 Project: Endurance 25 SWD #2 1607F54-001 **Collection Date:** 7/27/2016 11:55:00 AM Lab ID: 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 Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 54 30 mg/Kg 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 **PQL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA 20 8/3/2016 1:46:03 PM Chloride 110 30 mg/Kg 26766 1607F54-004 Lab ID: Collection Date: 7/27/2016 3:02:00 PM Client Sample ID: S-088210-29-072716-SP-04 Matrix: SOIL **POL Qual Units** Analyses Result **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 **PQL Qual Units** Analyses Result **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.

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order: **1607F54**Date Reported: **8/5/2016** 

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1607F54 Project: Endurance 25 SWD #2 1607F54-006 **Collection Date:** 7/27/2016 3:11:00 PM Lab ID: 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 Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 30 mg/Kg 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 **POL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA 20 8/3/2016 2:48:07 PM Chloride ND 30 mg/Kg 26766 1607F54-009 Lab ID: **Collection Date:** 7/28/2016 1:21:00 PM **Client Sample ID:** S-088210-29-072816-SP-01 Matrix: SOIL **POL Qual Units DF** Date Analyzed Analyses Result **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 **PQL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA

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

30

mg/Kg

ND

#### Qualifiers: \* Value exceeds Maximum Contaminant Level.

Chloride

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 5

20 8/3/2016 3:37:46 PM

26766

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

Lab Order: **1607F54**Date Reported: **8/5/2016** 

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1607F54 Project: Endurance 25 SWD #2 1607F54-011 **Collection Date:** 7/28/2016 1:25:00 PM Lab ID: **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 Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 30 mg/Kg 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 **PQL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA 20 8/3/2016 4:15:00 PM Chloride ND 30 mg/Kg 26766 1607F54-014 Lab ID: Collection Date: 7/28/2016 1:39:00 PM Client Sample ID: S-088210-29-072816-SP-06 Matrix: SOIL **POL Qual Units** Analyses Result **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 **PQL Qual Units** Analyses Result **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.

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

Lab Order: **1607F54**Date Reported: **8/5/2016** 

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 1607F54

**Project:** Endurance 25 SWD #2

**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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 4 of 5
- 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#: **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: Ics 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

Page 5 of 5



### 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

RoptNo: 1 GHD Work Order Number: 1607F54 Client Name Received by/date: 7/29/2016 9:30:00 AM Logged By: Joe Archuleta 7/29/2016 12:05:21 PM Completed By: Joe Archuleta Reviewed By TO Chain of Custody Not Present Y Yes 1. Custody seals intact on sample bottles? Not Present No L Yes V 2 Is Chain of Custody complete? 3 How was the sample delivered? Couner Log In NA L No \_ Yes V 4. Was an attempt made to cool the samples? No Yes 🗸 5. Were all samples received at a temperature of >0° C to 6.0°C No 6 Sample(s) in proper container(s)? No 7 Sufficient sample volume for indicated test(s)? No Yes 8. Are samples (except VOA and ONG) properly preserved? No V NA \_ Yes 9. Was preservative added to bottles? No -No VOA Viais Yes 10 VOA vials have zero headspace? No V 11. Were any sample containers received broken? # of preserved bottles checked for pH: No: 12. Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? Yes V No. 13. Are matrices correctly identified on Chain of Custody? No. V 14. Is it clear what analyses were requested? No. Checked by: 15. Were all holding times able to be met? Yes V (If no. notify customer for authorization.) Special Handling (if applicable) 16. Was client notified of all discrepancies with this order? Yes I No . NA V Person Notified Date eMail Phone Fax In Person By Whom: Via: Regarding: Client Instructions: 17. Additional remarks: 18 Cooler Information Cooler No Temp °C Condition Scal Intact | Seal No Seal Date Signed By 2.4 Good

ailing Address. (200, Albounding or Fax#: (4/20 Package: Standard correditation NELAP	AND SAME CANAL SAME CANAL SAME CANAL	relien Schnol Rd NE	Project Name:	1000				4	100	>		d	ž	0	AMES	
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128 91-8	25	S-08220-29-072816-59-01	120/201	17.	-004									X		
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#### Air Bubbles (Y or N) ANALYSIS LABORATORY HALL ENVIRONMENTAL Il necessary, samples submitted to Hall Environmental may be subcontracted to other Aptrecised to other Aptrecised and on the snatynes report. Moride 4901 Hawkins NE - Albuquerque, NM 87109 Fax 505-345-4107 (AOV-imaR) 07S8 www.hallenvironmental.com Analysis Request (AOV) 803S8 8081 Pesticides / 8082 PCB's Anions (F.CI, NO3, NO2, PO4, SO4) RCRA 8 Metals Tel. 505-345-3975 (SMIS 0758 to 0158) a'HA9 EDB (Method 504.1) (F.BfA bortleM) HQT TPH 8015B (GRO / DRO / MRO) Received by: BLEX + WIBE + TPH (Gss only) BTEX + MTBE + TMB's (8021) Kindson Conely 1/27/16 9:30 Egdurance 25 SWD#2 607 854 HEAL No. P00-1007 2000 531 1006 503 230-13 505-080-0572 ON [ 1852Z 7.4 Project Manager, Sochisch □ Rush Preservative 62/012830 Steve Type かが Sample Temperature: X Yes Turn-Around Time: Project Name Type and # Container 4020 LUS-1 Project #: Sampler On loe: 5-038211-29-072716-5#05 -0887W-29-07271651°-06 40-15-912025-02881-1 ☐ Level 4 (Full Validation) 2821029-07276-5P-03 Sample Request ID F088210-79-172716-SP-02 GUNERAL 29-07276-5F-01 Halling Address: 6(2) Todian School Rol NE Chain-of-Custody Record -0188214-29-070716-5 Rockisch Dand Albuquetame NAM 87110 SHI)-Albuquerant いってしのがみ のとり Relinquished by: Com Relinquished by Other mail or Fax#: Bronch Matrix 30 06:90 90:51 Time A/QC Package. 5:19 EDD (Type is :Bull ime: ccreditation Standard J NELAP hone #: 18:10 Date :lient:



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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **1608277**Date Reported: **8/9/2016** 

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1608277 Project: Endurance 25 1608277-001 **Collection Date:** 7/29/2016 12:46:00 PM Lab ID: 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 Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 110 30 mg/Kg 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 **PQL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 20 8/5/2016 4:49:07 PM Chloride 230 30 mg/Kg 26815 1608277-004 Lab ID: Collection Date: 7/29/2016 1:00:00 PM Client Sample ID: S-088210-29-072916-SP-04 Matrix: SOIL **POL Qual Units** Analyses Result **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 **PQL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT

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

30

mg/Kg

59

#### Qualifiers: \* Value exceeds Maximum Contaminant Level.

Chloride

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 3

20 8/5/2016 3:09:50 PM

26815

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

Lab Order: **1608277**Date Reported: **8/9/2016** 

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1608277 Project: Endurance 25 1608277-006 **Collection Date:** 7/29/2016 1:10:00 PM Lab ID: 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 Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride ND 30 mg/Kg 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 **PQL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride ND 30 mg/Kg 20 8/5/2016 4:11:53 PM 26815 1608277-009 Lab ID: Collection Date: 7/29/2016 1:25:00 PM **Client Sample ID:** S-088210-29-072916-SP-09 Matrix: SOIL **POL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride ND 30 mg/Kg 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 **PQL Qual Units** Analyses Result **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.

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 3
- 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#: **1608277** 

09-Aug-16

Client: GHD

**Project:** Endurance 25

Sample ID MB-26815 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **26815** RunNo: **36295** 

Prep Date: 8/5/2016 Analysis Date: 8/5/2016 SeqNo: 1124236 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID LCS-26815 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 26815 RunNo: 36295

Prep Date: **8/5/2016** Analysis Date: **8/5/2016** SeqNo: **1124237** Units: **mg/Kg** 

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 93.7 90 110

#### Qualifiers:

\* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

Page 3 of 3

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

Website: www.hallenvironmental.com

# Sample Log-In Check List

TEL: 505-345-3975 FAX: 505-345-4107

Client Name: GHD	Work Order Number:	16082	77		RcptNo: 1	
Received by/date: AS	08/02/16 8/2/2016 10:00:00 AM			Journey Henger		
Completed By: Lindsay Mangin	8/4/2016 3:08:24 PM			Junely Hopes		
Reviewed By:	08105116					
Chain of Custody						
1. Custody seals intact on sample bot	tles?	Yes		No .	Not Present 🛷	
2. Is Chain of Custody complete?		Yes	•	No	Not Present	
3. How was the sample delivered?		Cour	<u>er</u>			
<u>Log In</u>						
4. Was an attempt made to cool the	samples?	Yes	•	No :	NA ()	
5. Were all samples received at a ten	nperature of >0° C to 6.0°C	Yes		No : "	NA İ.İ	
6. Sample(s) in proper container(s)?		Yes	ø	No !		
7. Sufficient sample volume for indica	ited test(s)?	Yes	*	No		
8. Are samples (except VOA and ON	G) properly preserved?	Yes		No		
9. Was preservative added to bottles?	?	Yes	[]	No 🤼	NA i i	
10.VOA vials have zero headspace?		Yes	[]	<b>N</b> o [ ]	No VOA Vials 🏕	
11. Were any sample containers recei	ved broken?	Yes	L	No 🍻	# of preserved bottles checked	
12.Does paperwork match bottle label	s?	Yes	*	<b>N</b> o	for pH:	
(Note discrepancies on chain of cu				g 11.5	(<2 or Adjusted?	>12 unless noted)
13. Are matrices correctly identified on		Yes	1.22	No	Adjusted?	
14 is it clear what analyses were requ		Yes		No 🗐	Checked by:	
15. Were all holding times able to be n (If no, notify customer for authoriza		Yes		No 🗍	Checked by.	
Special Handling (if applicable	e)					
16. Was client notified of all discrepan-		Yes		No 🗔	NA 🌌	
Person Notified:	Date:		<del> </del>			
By Whom:	Via:	[ ] eMa	ail 🗓	] Phone [ ] Fax	In Person	
Regarding:	<u>ھى يەرىكى ئىلىنىڭ ئۇرۇپ سى ئەرىكى بەرىكى /u>	name al facto en les alors		<u> </u>		
Client Instructions:						
17. Additional remarks:						
18. Cooler Information						
Cooler No Temp °C Cond		Seal D	ate	Signed By		
1 2.2 Good	Yes				İ	

Chain-of-Custody Record		Turn-Around Time:			HALL	ENV	IRO	Σ	ENVIRONMENTAL	
ilient: (JAII) - H (Sugnetane	g~c	Standard 🗆 Rush			ANA	YSIS	3	BOF	ANALYSIS LABORATORY	<b>&gt;</b>
		Project Name:			www.h	www.hallenvironmental.com	nental.c	щo		
lailing Address: 6 (2) てんれい	ich School Rolle	100hraniaes		4901 H	4901 Hawkins NE	- Albuquerque, NM 87109	rque, N	IM 871	60	
io 200, Albuquera N	011L8 WN	Project #:	ď	Tel. 50	505-345-3975	Fax	505-345-4107	-4107		
e#: 505	7	12/01/06			•	Analysis Request	sənbəy	<u>ب</u> يو.		
mail or Fax#: Brogge Cd. Bochisch @ghd	<b>√</b> ©.	Project Manager:		(ʎjuc			S			
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] EDD (Type)		Sample Temperature:	ひってって	18.	ро	etal			भ्द	Y) s
Date Time Matrix Sam	Sample Request ID	Container Preservative Type and # Type	HEAL NO.	BTEX + MT BTEX + MT	rtPH (Meth HBM) BDB TE8) a'HAG	RCRA 8 М.	ite99 1808 OV) 80628	m92) 0728	29(4T)	Air Bubble:
12803 /15 9h/1 7160	503821029-07-01-SP-01	10.0655-1 -1.CE					<b>↓</b> —		X	
1	50-1<316270-12-012870-7		-002							
172805   5501	50-1591622-22-012880-		-003							
7307	1-088210-25-0729/68/		tar							
9	SO 75-916210-52-012880-		500-							
12883	90-15-71620-62-61288-		-000-		-		_			
12,14 5-0885	10-15916220-62-012880-5		434				-			$\dashv$
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

August 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **1608145**Date Reported: **8/8/2016** 

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1608145 Project: Endurance 25 1608145-001 **Collection Date:** 8/1/2016 1:20:00 PM Lab ID: 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 1608145-002 **Collection Date:** 8/1/2016 1:23:00 PM Lab ID: Client Sample ID: S-088210-29-080116-SP-02 Matrix: SOIL Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride ND 30 mg/Kg 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 **POL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 460 30 mg/Kg 20 8/5/2016 5:38:46 PM 26815 1608145-004 Lab ID: **Collection Date:** 8/1/2016 1:54:00 PM Client Sample ID: S-088210-29-080116-SP-04 Matrix: SOIL **POL Qual Units DF** Date Analyzed Analyses Result **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 **PQL Qual Units** Analyses Result **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.

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

Lab Order: 1608145 Date Reported: 8/8/2016

1608145

# Hall Environmental Analysis Laboratory, Inc.

Lab Order:

**CLIENT: GHD Project:** Endurance 25

Lab ID: 1608145-006 **Collection Date:** 8/1/2016 2:00:00 PM

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

**PQL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 2000 Chloride 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.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 3
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

# **QC SUMMARY REPORT**

# Hall Environmental Analysis Laboratory, Inc.

WO#: 1

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

Page 3 of 3



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:	160814	5		RcptNo:	1
	1 1					
Received by/date: AS	08/02/16					
Logged By: Lindsay Mangin	8/2/2016 10:00:00 AM			finsky Hlofige Finsky Hlofige		
Completed By: Lindsay Mangin	8/3/2016 10:10:15 AM			Joneky Hlofigt		
Reviewed By:	08 03/16					
Chain of Custody						
1. Custody seals intact on sample bottles?		Yes	[j	No .	Not Present 🛷	
2. Is Chain of Custody complete?		Yes	<b>♠</b>	No L.	Not Present	
3. How was the sample delivered?		Couri	<u>er</u>			
<u>Log In</u>						
4. Was an attempt made to cool the sample	es?	Yes	ø	No	NA É A	
5. Were all samples received at a temperate	ure of >0° C to 6.0°C	Yes	<b>₩</b>	No i	NA 🔝	
6. Sample(s) in proper container(s)?		Yes		No		
7. Sufficient sample volume for indicated te	st(s)?	Yes		No [1]		
8. Are samples (except VOA and ONG) pro	perly preserved?	Yes		No		
9. Was preservative added to bottles?		Yes	[	No 🏕	NA .	
10.VOA vials have zero headspace?		Yes		No	No VOA Vials 🧭	
11. Were any sample containers received br	oken?	Yes		No 🏕	# of preserved	
			f at	! )	bottles checked	
12.Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes		No	for pH: (<2	or >12 unless noted)
13. Are matrices correctly identified on Chair		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 w	ith this order?	Yes		No 🛄	NA 🌌	
Person Notified:	Date:			<u> </u>		
By Whom:	Via:	eM	ail [	Phone   Fax	In Person	
Regarding:						
Client Instructions:						
17. Additional remarks:						
18. Cooler Information  Cooler No Temp °C Condition  1 2.2 Good	Seal Intact   Seal No     Yes	Seal E	ate	Signed By	-	

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Ĕ	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	P(O)	(Gas o	H9T + (1.81) (1.40) (1.	BE - GFF - OV - I (GFF - OV - I (GFF - OV - I ) (GFF - OV - I ) (A )	BTEX + MT BTEX + MT BTEX + MT TPH 8015B TPH (Methors (B31 BCRA 8 Methors (B31 RCRA 8 M	<b>X</b>				7			Remarks LB Lr TAT - 62 - 05	9 )
Turn-Around Time: See N. Works HALL		Hoduran 25	Project #: Tel. 505-345-3975	(Aju	(Gas o	+ TMB + TPH + TPH (1.81)	Temperature: 2,20C	TH + XTT8 B3108 H9T PH3M) H9T PH3M) B16	425c/48-1-75 - DI	 200-	100-	1 / / / / / / /				by Date Time Remarks:	Received by Date Time own from og (02/16 \000
Chain-of-Custody Record		ailing Address:	-0739-10572	ax#: Bernar	√QC Package:  Standard  □ Level 4 (Full Validation)	screditation NELAP   Other	EDD (Type)	Date Time Matrix Sample Request ID	11/1/20 S.1 GMANINGONISPOIL	 1351 Solve Paroles	9	V1357 1508820.79-080116-8-05	V 1400 V 505520-23-08016-58-08			ate: Time: Relinquished by:	ate: Time: Refinquished by:



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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: 1608364

# Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/15/2016

	GHD Indurance 25				Lab Order: 160	98364
Lab ID:	1608364-001			Collection Da	te: 8/3/2016 2:20:00 I	PM
<b>Client Sample ID:</b>	S-088210-29-080316	-SP-01		Matr	rix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	.0: ANIONS				A	Analyst: <b>LGT</b>
Chloride		ND	30	mg/Kg	20 8/10/2016 5:39:	44 AM 26873
Lab ID:	1608364-002			Collection Da	te: 8/3/2016 2:24:00 I	PM
Client Sample ID:	S-088210-29-080316	-SP-02		Matr	rix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	.0: ANIONS				A	nalyst: <b>LGT</b>
Chloride		ND	30	mg/Kg	20 8/10/2016 5:52:	09 AM 26873
Lab ID:	1608364-003			Collection Da	te: 8/3/2016 2:29:00 I	PM
<b>Client Sample ID:</b>	S-088210-29-080316	-SP-03		Matr	ix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	.0: ANIONS				Å	nalyst: <b>LGT</b>
Chloride		91	30	mg/Kg	20 8/10/2016 6:04:	34 AM 26873
Lab ID:	1608364-004			Collection Da	te: 8/3/2016 2:33:00 I	PM
<b>Client Sample ID:</b>	S-088210-29-080316	-SP-04		Matr	ix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	.0: ANIONS				Į.	nalyst: <b>LGT</b>
Chloride		370	30	mg/Kg	20 8/10/2016 6:16:	59 AM 26873
Lab ID:	1608364-005			Collection Da	te: 8/3/2016 2:38:00 I	PM
<b>Client Sample ID:</b>	S-088210-29-080316	-SP-05		Matr	ix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300 Chloride	.0: ANIONS	ND	30	mg/Kg	20 8/10/2016 6:29:	Analyst: <b>LGT</b> 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.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits Page 1 of 5

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Lab Order: 1608364

# Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/15/2016

	GHD Endurance 25			I	Lab Order: 16083	364
Lab ID:	1608364-006			Collection Date	: 8/3/2016 2:45:00 PM	ſ
	S-088210-29-08031	6-SP-06			: SOIL	-
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	0.0: ANIONS				Ana	alyst: MRA
Chloride		ND	30	mg/Kg	20 8/10/2016 9:57:29	AM 26873
Lab ID:	1608364-007			Collection Date	e: 8/4/2016 2:15:00 PM	1
<b>Client Sample ID:</b>	S-088210-29-08041	6-SP-01		Matrix	: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	0.0: ANIONS				Ana	alyst: MRA
Chloride		ND	30	mg/Kg	20 8/10/2016 10:09:5	3 AM 26873
Lab ID:	1608364-008		(	Collection Date	e: 8/4/2016 2:20:00 PM	1
<b>Client Sample ID:</b>	S-088210-29-08041	6-SP-02		Matrix	: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	0.0: ANIONS				Ana	alyst: MRA
Chloride		ND	30	mg/Kg	20 8/10/2016 10:22:1	7 AM 26873
Lab ID:	1608364-009			Collection Date	e: 8/4/2016 2:24:00 PM	1
<b>Client Sample ID:</b>	S-088210-29-08041	6-SP-03		Matrix	: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	0.0: ANIONS				Ana	alyst: MRA
Chloride		ND	30	mg/Kg	20 8/10/2016 10:34:4	2 AM 26873
Lab ID:	1608364-010			Collection Date	e: 8/4/2016 2:28:00 PM	1
<b>Client Sample ID:</b>	S-088210-29-08041	6-SP-04		Matrix	: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	0.0: ANIONS				Ana	alyst: MRA
Chloride		ND	30	mg/Kg	20 8/10/2016 10:47:0	7 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.

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order: **1608364**Date Reported: **8/15/2016** 

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1608364 Project: Endurance 25 **Collection Date:** 8/4/2016 2:32:00 PM Lab ID: 1608364-011 **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 1608364-012 **Collection Date:** 8/4/2016 2:36:00 PM Lab ID: Client Sample ID: S-088210-29-080416-SP-06 Matrix: SOIL Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 30 mg/Kg 20 8/10/2016 11:11:55 AM 26873 Lab ID: **Collection Date:** 8/4/2016 2:40:00 PM 1608364-013 **Client Sample ID:** S-088210-29-080416-SP-07 Matrix: SOIL **POL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA 20 8/10/2016 11:24:19 AM 26873 Chloride 42 30 mg/Kg 1608364-014 Lab ID: **Collection Date:** 8/4/2016 2:42:00 PM **Client Sample ID:** S-088210-29-080416-SP-08 Matrix: SOIL **POL Qual Units** Analyses Result **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 **PQL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA

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

30

mg/Kg

110

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.
--------------------	---	--

Chloride

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 5

20 8/10/2016 1:03:36 PM

26893

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

Lab Order: 1608364

Date Reported: 8/15/2016

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 1608364

**Project:** Endurance 25

**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 POL Qual Units DF Da

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.

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 4 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

## Hall Environmental Analysis Laboratory, Inc.

WO#: **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: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 26893 RunNo: 36382

Prep Date: 8/10/2016 Analysis Date: 8/10/2016 SeqNo: 1127255 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 93.5 90 110

#### Qualifiers:

\* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Page 5 of 5



4901 Hawkins NE Albuquerque, NM 87109

Sample Log-In Check List

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

Client Name: GHD	Work Order Number: 1608364	**************************************	RcptNo:	1
Received by/date:	08/05/10			
Logged By: Ashley Gallegos	8/5/2016 10:30:00 AM	A		
Completed By: Ashley Gallegos	8/5/2016 3:23:45 PM	A)		
Reviewed By:	08/16 @ 1605	U		
Chain of Custody	00/10 00 1000			
1. Custody seals intact on sample bottles?	Yes	No 🗌	Not Present 🗹	
2. Is Chain of Custody complete?	Yes 🗹	No 🗌	Not Present	
3. How was the sample delivered?	Courier			
<u>Log In</u>				
4. Was an attempt made to cool the samples?	Yes 🗹	No 🗆	NA $\square$	
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 <b>✓</b>	No 🗌		
8. Are samples (except VOA and ONG) properl	y preserved? Yes ✓	No 🗌		
9. Was preservative added to bottles?	Yes	No 🗹	NA $\square$	
10.VOA vials have zero headspace?	Yes 🗌	No 🗌	No VOA Vials <b>⊻</b>	
11. Were any sample containers received broke	n? Yes	No 🗹	# of preserved	<del></del>
12. Does paperwork match bottle labels?	V	No 🗌	bottles checked for pH:	
(Note discrepancies on chain of custody)	Yes 🗸	NO 🗀	· —	>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:	<del>_</del>
Consist the edition (15 and 15 at the				
Special Handling (if applicable)				
16. Was client notified of all discrepancies with the	nis 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 Se	al Intact   Seal No   Seal Date	Signed By		
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		A Maria de Arras de Carlos		115116 1 W											
If necessary	samples sub	If necessary, samples submitted to Hall Environmental may be subcontracted	ontracte <del>d to of</del> ther accredited laborator	ies. This serves as notice of this	possibility.	Any sub	contracte	d data v	sibility. Any sub-contracted data will be clearly notated on the analytical report.	rhy notat	ed on th	he anal	vtical rep	oort.	

HALL FNVTRONMENTAL	ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	(O)	CB, s (CB, s as our b 805.1	(G:8)) s':	HqT +  (1.81 (1.81 (1.40 (1.81 (1.40 (1.80 (1.40 (1.40 (1.80 (1.40	(GI States (GI States	S. S. S. S. S. S. S. S. S. S. S. S. S. S	200	203	203	70	50	000						Time Remarks:	Time
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Turn-Around Time:	Standard	Project Name:	The state of the s	Project #:	Project Manager	<i>∠</i> \$		Sampler:	Sample Terfiperature:	Container Pr Type and #	1920/655	) }				, >					/,	Received by:	Reserved by:
Chain-of-Custody Record	CHD-Alswar Co. 2		Lailing Address: 6/21 Tollian School Ad NE	Ste 200, Albuque 19we, NM 87110	Hone #: 765-7887-1016/2. Mail or Fax#: Parant Low		☐ Level 4 (Full Validation)			Sample Request ID	1028-36030-62-0128015	20-25-115000-62-0128015	S-158210-19-080316-SP-03	40-859 E080-12-012897	SO-92-916-80-06-59-05	5-08824 29-080316-5P-06						d by:	od by:
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

August 18, 2016

Bernie Bockish GHD 6121 Indian School Road, NE #200

Albuquerque, NM 87110 TEL: (505) 884-0672

FAX

RE: Endurance 25 OrderNo.: 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **1608486** 

# Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/18/2016

	GHD Endurance 25				Lab Order: 160	8486
Lab ID:	1608486-001			Collection I	Date: 8/5/2016 2:00:00 F	PM
Client Sample ID:	S-088210-29-080516-	SP-01		Ma	atrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	.0: ANIONS				A	nalyst: MRA
Chloride		59	30	mg/Kg	20 8/10/2016 3:57:	18 PM 26893
Lab ID:	1608486-002			Collection I	Date: 8/5/2016 2:05:00 F	PM
<b>Client Sample ID:</b>	S-088210-29-080516-	SP-02		Ma	atrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	.0: ANIONS				A	nalyst: <b>MRA</b>
Chloride		ND	30	mg/Kg	20 8/10/2016 4:09:4	13 PM 26893
Lab ID:	1608486-003			Collection I	<b>Date:</b> 8/5/2016 2:10:00 F	PM
<b>Client Sample ID:</b>	S-088210-29-080516-	SP-03		Ma	atrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	.0: ANIONS				Д	nalyst: <b>MRA</b>
Chloride		ND	30	mg/Kg	20 8/10/2016 4:22:0	08 PM 26893
Lab ID:	1608486-004		(	Collection I	<b>Date:</b> 8/5/2016 2:15:00 F	PM
<b>Client Sample ID:</b>	S-088210-29-080516-	SP-04		Ma	atrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	.0: ANIONS				A	nalyst: <b>MRA</b>
Chloride		ND	30	mg/Kg	20 8/10/2016 4:34:3	33 PM 26893
Lab ID:	1608486-005			Collection 1	<b>Date:</b> 8/5/2016 2:20:00 F	PM
<b>Client Sample ID:</b>	S-088210-29-080516-	SP-05		Ma	atrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300 Chloride	0.0: ANIONS	ND	30	mg/Kg	A 20 8/12/2016 12:22	nalyst: <b>LGT</b> :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.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits Page 1 of 3

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Lab Order: 1608486

Date Reported: 8/18/2016

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1608486 Project: **Endurance 25** 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 Result **PQL Qual Units DF** Date Analyzed **Batch ID Analyses EPA METHOD 300.0: ANIONS** Analyst: LGT 20 8/12/2016 1:11:49 PM Chloride 110 30 mg/Kg Lab ID: 1608486-008 **Collection Date:** 8/5/2016 2:35:00 PM Client Sample ID: S-088210-29-080516-SP-08 Matrix: SOIL **POL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 30 20 8/12/2016 1:24:13 PM Chloride ND mg/Kg 26964 1608486-009 Lab ID: **Collection Date:** 8/5/2016 2:40:00 PM Client Sample ID: S-088210-29-080516-SP-09 Matrix: SOIL **PQL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride ND 30 mg/Kg 20 8/12/2016 2:01:27 PM

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

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 3
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1

1608486

18-Aug-16

Client: GHD

**Project:** Endurance 25

Sample ID MB-26893 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 26893 RunNo: 36382

Prep Date: 8/10/2016 Analysis Date: 8/10/2016 SeqNo: 1127254 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID LCS-26893 SampType: Ics 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.

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

Page 3 of 3



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

RcptNo: 1 Client Name: **GHD** Work Order Number: 1608486 Received by/date: Logged By: 8/8/2016 5:27:20 PM Completed By: **Ashley Gallegos** Reviewed By: 08/09/14 Chain of Custody Yes  $\square$ No 🗔 Not Present 1. Custody seals intact on sample bottles? Yes 🧬 No 🗌 Not Present 2. Is Chain of Custody complete? 3. How was the sample delivered? Client Log in No 🗌 NA 🗌 Yes 🥩 4. Was an attempt made to cool the samples? NA  $\square$ 5. Were all samples received at a temperature of >0° C to 6.0°C No 🗌 Yes No 🗀 6. Sample(s) in proper container(s)? Yes 7. Sufficient sample volume for indicated test(s)? Yes No | 8. Are samples (except VOA and ONG) properly preserved? Yes No 🕸 NA 🗌 Yes 🗌 9. Was preservative added to bottles? No No VOA Vials 10, VOA vials have zero headspace? Yes 📙 No 🐼 Yes 11. Were any sample containers received broken? # of preserved bottles checked No 🗌 for pH: 12. Does paperwork match bottle labels? Yes (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? No 🗌 13. Are matrices correctly identified on Chain of Custody? Yes 🐼 No 🗔 14. Is it clear what analyses were requested? No 🗌 Checked by: Yes 🌌 15. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) Yes 🗌 No 🗌 NA 🐼 16. Was client notified of all discrepancies with this order? Person Notified: Date By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Seal Intact | Seal No Cooler No Temp ºC Condition Seal Date Signed By 2.5 Not Present Good



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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **1608698** 

# Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/18/2016

	GHD Endurance 25				Lab Order: 160	8698
Lab ID:	1608698-001			Collection I	Date: 8/9/2016 1:55:00 P	M
Client Sample ID:	S-088210-29-080916-	-SP-01		Ma	ntrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	.0: ANIONS				А	nalyst: MRA
Chloride		ND	30	mg/Kg	20 8/15/2016 6:16:5	3 PM 26992
Lab ID:	1608698-002			Collection I	Date: 8/9/2016 2:00:00 P	M
Client Sample ID:	S-088210-29-080916-	-SP-02		Ma	ntrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	.0: ANIONS				А	nalyst: <b>MRA</b>
Chloride		ND	30	mg/Kg	20 8/15/2016 6:29:1	7 PM 26992
Lab ID:	1608698-003			Collection I	Date: 8/9/2016 2:05:00 P	M
Client Sample ID:	S-088210-29-080916-	-SP-03		Ma	ntrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	.0: ANIONS				A	nalyst: <b>MRA</b>
Chloride		44	30	mg/Kg	20 8/15/2016 6:41:4	2 PM 26992
Lab ID:	1608698-004			Collection I	Date: 8/9/2016 2:10:00 P	M
Client Sample ID:	S-088210-29-080916-	SP-04		Ma	ntrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300	.0: ANIONS				А	nalyst: <b>LGT</b>
Chloride		ND	30	mg/Kg	20 8/16/2016 1:21:5	1 PM 27014
Lab ID:	1608698-005			Collection I	Date: 8/9/2016 2:15:00 P	M
<b>Client Sample ID:</b>	S-088210-29-080916-	-SP-05		Ma	ntrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300 Chloride	.0: ANIONS	ND	30	mg/Kg	A 20 8/16/2016 1:59:0	nalyst: <b>LGT</b> 5 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.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits Page 1 of 4

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Lab Order: 1608698

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/18/2016

	GHD Indurance 25				<b>Lab Order:</b> 1608698
Lab ID:	1608698-006			Collection 1	Date: 8/9/2016 2:20:00 PM
Client Sample ID:	S-088210-29-080916	-SP-06		Ma	atrix: SOIL
Analyses		Result	PQL Qual	Units	DF Date Analyzed Batch ID
EPA METHOD 300	.0: ANIONS				Analyst: <b>LGT</b>
Chloride		ND	30	mg/Kg	20 8/16/2016 2:11:29 PM 27014
Lab ID:	1608698-007			Collection 1	Date: 8/9/2016 2:25:00 PM
Client Sample ID:	S-088210-29-080916	-SP-07		Ma	atrix: SOIL
Analyses		Result	PQL Qual	Units	DF Date Analyzed Batch ID
EPA METHOD 300	.0: ANIONS				Analyst: <b>LGT</b>
Chloride		ND	30	mg/Kg	20 8/16/2016 2:23:53 PM 27014
Lab ID:	1608698-008			Collection 1	Date: 8/9/2016 2:30:00 PM
<b>Client Sample ID:</b>	S-088210-29-080916	-SP-08		Ma	atrix: SOIL
Analyses		Result	PQL Qual	Units	DF Date Analyzed Batch ID
EPA METHOD 300	.0: ANIONS				Analyst: <b>LGT</b>
Chloride		ND	30	mg/Kg	20 8/16/2016 2:36:18 PM 27014
Lab ID:	1608698-009			Collection 1	<b>Date:</b> 8/9/2016 2:35:00 PM
<b>Client Sample ID:</b>	S-088210-29-080916	-SP-09		Ma	atrix: SOIL
Analyses		Result	PQL Qual	Units	DF Date Analyzed Batch ID
EPA METHOD 300	.0: ANIONS				Analyst: <b>LGT</b>
Chloride		ND	30	mg/Kg	20 8/16/2016 2:48:43 PM 27014
Lab ID:	1608698-010		(	Collection 1	<b>Date:</b> 8/9/2016 2:40:00 PM
<b>Client Sample ID:</b>	S-088210-29-080916	-SP-10		Ma	atrix: SOIL
Analyses		Result	PQL Qual	Units	DF Date Analyzed Batch ID
EPA METHOD 300	.0: ANIONS				Analyst: <b>LGT</b>
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.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits Page 2 of 4

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Lab Order: 1608698

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/18/2016

CLIENT: GHD Lab Order: 1608698

**Project:** Endurance 25

**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.

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 4
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

## Hall Environmental Analysis Laboratory, Inc.

WO#: **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: Ics 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.

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

P Sample pH Not In RangeRL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Page 4 of 4



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:	08/10/16				_
Logged By: Michelle Garcia	8/10/2016 4:00:00 PM		Michell Gan	uic	
Completed By: Michelle Garcia	8/11/2016 3:14:43 PM		Michell Gon Michell Gon		
Reviewed By:	08/12/16		1		
Chain of Custody	0011-1-0				_
Custody seals intact on sample bottles?		Yes 🗌	No 🗌	Not Present	
2. Is Chain of Custody complete?		Yes 🗹	No 🗌	Not Present	
3. How was the sample delivered?		Courier			
<u>Log In</u>					
4. Was an attempt made to cool the samples	s?	Yes 🗹	No 🗆	NA $\square$	
5. Were all samples received at a temperature	re 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) propo	erly preserved?	Yes 🗹	No 🗌		
9. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗆	
10.VOA vials have zero headspace?		Yes	No 🗆	No VOA Vials 🗹	
11. Were any sample containers received bro	ken?	Yes	No 🗹	# of preserved	
12. Does paperwork match bottle labels?		Yes 🗸	No 🗆	bottles checked for pH:	
(Note discrepancies on chain of custody)		res 💌	140	·	r >12 unless noted)
13. Are matrices correctly identified on Chain of	of Custody?	Yes 🗹	No 🗆	Adjusted?	
14. Is it clear what analyses were requested?		Yes 🗹	No 🗌		
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗔	Checked by:	
<u>Special Handling (if applicable)</u>					
16. Was client notified of all discrepancies with	n this order?	Yes 🗌	No 🗆	NA 🗹	٦
Person Notified:	Date				
By Whom:	Via:	eMail 🗌	Phone  Fax	☐ In Person	
Regarding:					
Client Instructions: 4	-				
17. Additional remarks:					
18. Cooler Information			ı		
	Seal Intact   Seal No   Se	Seal Date	Signed By		
1 2.0 Good Y	55	i			

Chain-of-Custody Record	Turn-Around Time:	
Client: (HO-415 Juggerane	© Standard □ Rush	ANALYSIS LABORATORY
	lame:	www hallenvironmental com
Mailing Address: 6121 Indian School Rd NE	Endurance 25	4901 Hawkins NE - Albuquerque, NM 87109
Fe 200 Alemane rane, ANN, 87110	Project #: \(\O88210/29\)	Tel. 505-345-3975 Fax 505-345-4107 Analysis Request
email or Fax#: Resord, Bockisch @ ghalcon	Project Manager,	3O)
QA/QC Package:	gernard Bockisch	(S)
☐ Standard ☐ Level 4 (Full Validation)	505-280-0572	SE) MIS
Accreditation The NEI AD CHAR	Steve Pere	(I.4 (I.4 (I.4 (I.4 (I.4 (I.4 (I.4 (I.4
(be)	Sample Temperature: 7 ( )	(GR(GR(GR(GR(GR(GR(GR(GR(GR(GR(GR(GR(GR(
Date Time Matrix Sample Request ID	her Pre	X + MTE X + MTE 8015B (Metho (Metho S (8310 A 8 Metho Ins (F,Cl Ins (YOA) Ins (Semi-
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1435 S-080-17-080710-18-080916-54-09	1	
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If necessary, samples ubmitted to Hall Environmental may be subcontracted	contracted to differ accredited laboratories. This serves as notice of this possibility.	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 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: 1608777

Date Reported: 8/18/2016

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1608777 Project: Endurance 25 1608777-001 **Collection Date:** 8/10/2016 9:05:00 AM Lab ID: 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 1608777-002 **Collection Date:** 8/10/2016 9:25:00 AM Lab ID: Client Sample ID: S-088210-29-081016-SP-02 Matrix: SOIL Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LGT 100 8/16/2016 12:32:13 PM 26992 Chloride 4000 150 mg/Kg Lab ID: 1608777-003 **Collection Date:** 8/10/2016 9:50:00 AM Client Sample ID: S-088210-29-081016-SP-03 Matrix: SOIL **POL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 100 8/16/2016 12:44:37 PM 26992 Chloride 3500 150 mg/Kg 1608777-004 Lab ID: **Collection Date:** 8/10/2016 11:30:00 AM **Client Sample ID:** S-088210-29-081016-SP-04 Matrix: SOIL **POL Qual Units** Analyses Result **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 **PQL Qual Units** Analyses Result **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.

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

**DF** Date Analyzed

**Batch ID** 

Lab Order: 1608777

Date Reported: 8/18/2016

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1608777

Project: Endurance 25

Lab ID: 1608777-006 **Collection Date:** 8/10/2016 12:18:00 PM

Client Sample ID: S-088210-29-081016-SP-06 Matrix: SOIL

Result

Analyses **EPA METHOD 300.0: ANIONS** Analyst: MRA

**PQL Qual Units** 

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

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

**EPA METHOD 300.0: ANIONS** Analyst: MRA

20 8/17/2016 2:36:37 PM Chloride ND 30 mg/Kg

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

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Value above quantitation range Ε
- J Analyte detected below quantitation limits Page 2 of 3
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

## 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: Ics 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.
- 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

Page 3 of 3



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

RcptNo: 1 **GHD** Work Order Number: 1608777 Client Name: Received by/date: Ashley Gallegos 8/12/2016 9:40:00 AM Logged By: 8/12/2016 2:31:07 PM Completed By: **Ashley Gallegos** 08/12/14 Reviewed By: Chain of Custody Not Present Yes 1. Custody seals intact on sample bottles? No 🗌 Yes 🐼 Not Present .... 2. Is Chain of Custody complete? 3 How was the sample delivered? Courier <u>Log In</u> NA 🗌 Yes 🗌 4. Was an attempt made to cool the samples? Not required NA  $\square$ 5. Were all samples received at a temperature of >0° C to 6.0°C Yes Not required Yes 🏕 No 🗀 6. Sample(s) in proper container(s)? No 7. Sufficient sample volume for indicated test(s)? Nο 8. Are samples (except VOA and ONG) properly preserved? No 🖈 NA 🗌 Yes 🗌 9. Was preservative added to bottles? Yes No VOA Vials No 10. VOA vials have zero headspace? Yes □ 11. Were any sample containers received broken? No # of preserved bottles checked for pH: No 🗔 12. Does paperwork match bottle labels? Yes (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? No 🗌 13. Are matrices correctly identified on Chain of Custody? 14. Is it clear what analyses were requested? No 🗌 Checked by: 15. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) Yes NA 🕏 No 🗀 16. Was client notified of all discrepancies with this order? Person Notified: Date 1 eMail Phone Fax In Person By Whom: Via: Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Cooler No Temp ºC Condition Seal Intact Seal No Seal Date 22.8 Not Present Good

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

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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

**DF** Date Analyzed

**DF** Date Analyzed

**Batch ID** 

**Batch ID** 

Lab Order: 1608G37 Date Reported: 9/1/2016

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1608G37

Project: **Endurance 25** 

Analyses

**Analyses** 

Lab ID: 1608G37-001 **Collection Date:** 8/24/2016 1:45:00 PM

Client Sample ID: S-088210-29-082416-SP-01 Matrix: SOIL

Result

**EPA METHOD 300.0: ANIONS** Analyst: LGT

**PQL Qual Units** 

**PQL Qual Units** 

Chloride 1100 30 mg/Kg 20 8/30/2016 11:43:15 AM 27249

**Collection Date:** 8/24/2016 2:19:00 PM Lab ID: 1608G37-002

Client Sample ID: S-088210-29-082416-SP-02 Matrix: SOIL

Result

**EPA METHOD 300.0: ANIONS** Analyst: LGT

Chloride 590 30 mg/Kg 8/30/2016 12:20:28 PM 27249

Lab ID: 1608G37-003 **Collection Date:** 8/24/2016 2:45:00 PM

**Client Sample ID:** S-088210-29-082416-SP-03 Matrix: SOIL

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

**EPA METHOD 300.0: ANIONS** Analyst: LGT

Chloride 620 30 20 8/30/2016 12:32:53 PM 27249 mg/Kg

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

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

# Hall Environmental Analysis Laboratory, Inc.

WO#: **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.

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

Page 2 of 2



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

# Sample Log-In Check List

RcptNo: 1 Work Order Number: 1608G37 **GHD** Client Name: Received by/date: 8/26/2016 9:45:00 AM Logged By: Michelle Garcia 8/29/2016 1:38:18 PM Michelle Garcia Completed By: 08/29/16 Reviewed By: Chain of Custody Not Present Yes 🗌 No 🗍 1 Custody seals intact on sample bottles? No 🗌 Not Present Yes 🗸 2. Is Chain of Custody complete? Courier 3 How was the sample delivered? <u>Log In</u> No 🗆 NA 🗌 Yes 🗹 4. Was an attempt made to cool the samples? NA 🗌 Yes 🗌 No 🗹 5. Were all samples received at a temperature of >0° C to 6.0°C Not required No 🗌 Yes 🗹 Sample(s) in proper container(s)? No 🗌 Yes 🗸 7. Sufficient sample volume for indicated test(s)? No 🗆 Yes 🗸 8. Are samples (except VOA and ONG) properly preserved? NA  $\square$ No 🗹 Yes 9. Was preservative added to bottles? No VOA Vials 🗹 No 🗌 Yes 🗌 10. VOA vials have zero headspace? Yes  $\square$ No 🗸 11. Were any sample containers received broken? # of preserved bottles checked No 🗌 for pH: Yes 🔽 12. Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? No 🗌 13. Are matrices correctly identified on Chain of Custody? No 🗌 Yes 🔽 14. Is it clear what analyses were requested? Checked by: No 🗀 Yes 🗹 15. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) NA 🗹 No 🗀 Yes 🗌 16. Was client notified of all discrepancies with this order? Date Person Notified: eMail Phone Fax In Person By Whom: Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Cooler No | Temp °C | Condition | Seal Intact | Seal No Seal Date Good 20.1

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HALL FNVTRONMENTAL	ANALYSIS LABORATOR	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tol FOR 345 3075 Fax 505-345-4107	Analysis	RO)	M / Q	9) H	19T + 19A   19A   18.1) (1.81- (1.40-	BE (G) (G) (G) (G) (G) (G) (G) (G) (G) (G)	TPH 8015E TPH 8015E TPH (Methrep Pethrep (831 PCRA 8 Methrep (831 RCRA 8 Methrep (831			>						Kemarks.		NUME UNICE (CTT)  Answering This source as notice of this nossibility. Any sub-contracted data will be clearly notated on the analytical report.
Turn-Around Time:	© Standard □ Rush	Project Name:	Indurance 25	Project #:	62/012880		L Bockisch		Sampler: Steve Kre-Z.	Temperature: 26(	Container Preservative HEAL No. X Type and # Type EAL No. X				<b>)</b>				7.1.7	3	<b>V</b> -	Money ( snow a voluelle of 4)
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

September 24, 2016

Bernie Bockish GHD 6121 Indian School Road, NE #200 Albuquerque, NM 87110

FAX

RE: Endurance 25 OrderNo.: 1609962

#### Dear Bernie Bockish:

TEL: (505) 884-0672

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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: 1609962

Date Reported: 9/24/2016

**Batch ID** 

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT: GHD** Lab Order: 1609962

Project: Endurance 25

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

Result

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

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

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

# Hall Environmental Analysis Laboratory, Inc.

WO#: **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.

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

Page 2 of 2



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 Na	ame:	GHD		Work Order Number	16099	62			RcptNo:	1
Received	d by/date	: <u>LC</u>		09/16/16						
Logged E	Ву:	Lindsay Ma	ngin	9/16/2016 11:35:00 AM	Л		Junky Hley	D		
Complete	ed By: ,	Lindsay Ma	ngin	9/17/2016 9:40:06 AM			Junky Hly	go)		
Reviewed	d By: \	Fr. 00	1/19/16							
Chain o	of Cust	7	<u> </u>				·			
		ls intact on sar	nple bottles?		Yes		No 🗆		Not Present 🗹	
2. Is Ch	hain of C	ustody comple	te?		Yes	V	No 🗆		Not Present	
3. How	was the	sample delive	red?		<u>Clier</u>	<u>t</u>				
<u>Log In</u>	1									
4. Was	s an atte	mpt made to c	ool the samples	?	Yes	<b>y</b>	No [		NA 🗆	
5. Were	e all san	nples received	at a temperature	e of >0° C to 6.0°C	Yes		No ⊻ by client.	•	NA $\square$	
6. Sam	nple(s) in	n proper contai	ner(s)?		Yes		No [			
7. Suffi	icient saı	mple volume f	or indicated test(	s)?	Yes	V	No [			
8. Are s	samples	(except VOA	and ONG) prope	rly preserved?	Yes	✓	No [		_	
9. Was	s preserv	ative added to	bottles?		Yes		No 🛭		NA 🗆	
10.VOA vials have zero headspace?					Yes		No [		No VOA Vials 🗹	
11. Wer	re any sa	ample containe	ers received brok	en?	Yes		No l	<b>Y</b>	# of preserved	
12 Door	o nonon	work match bo	tle lahele?		Yes	~	No [	_	bottles checked for pH:	
			ain of custody)						(<2	or >12 unless noted)
13.Are	matrices	correctly iden	tified on Chain o	f Custody?	Yes	✓	No [		Adjusted?	
14. Is it	clear wh	at analyses w	ere requested?		Yes	<b>✓</b>	No L	_	Charlend by	•
		ding times able customer for a			Yes	<b>Y</b>	No L		Checked by:	
Specia	il Hano	lling (if app	licable)							
			screpancies with	this order?	Yes		No [		NA 🔽	
10.444	_									
		n Notified:	part of the contract of the contract of	Date: Via:	l □ eM	اند	Phone	Fax	☐ In Person	
	By Wh Regar	į	And the second s	via.		(a)	T HOILE			ļ
	_	Instructions:		A Principal Control of the Control o	9.31		Compression Compre		and an Wilson	
 17. Add		remarks:	<u> </u>	<del>-</del>					<del></del>	
18. Cooler Information										
	Cooler N			Seal Intact   Seal No	Seal I	Date	Signed B	у	1	
1 <u>'</u>		10.0							<del>_</del> =	<del>-</del> - <del></del>

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PAH's (8310 or 8270 SIMS)	coredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
PAH's (8310 or 8270 SIMS)	d on the
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Turn-Around Turn-Around Project Name Project Mana Project #: Sample Tem Type and #  Container Type and #  Received #:	mitted to Hall Environmental may be subcontracted to
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Sample Request ID Sample Request ID Sockisch Echalon Sample Request ID Sockisch P-01316-5P-01 Seaby:	ay be s
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FCustody Record  Albuque Cque  Col 2   Indian Shool Rank  Col 2   Indian Shool Rank  Color   Sockisch (Eghalia)  Other  Other  Color   Sample Request ID  Sil 5-088210-29-091316-58-01  Selinquished by:  Relinquished by:	Hall Er
	iffed to
Albugne Colling Strange Strang	
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Chain-of-Custody Record  The Coll Tradian Shool Rd (10) Albangue rand RTIIO  To Fackage:  C Package:	If necessary, samples su
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Chain-of-Custody Record  Slient: CHD-Albuque (que  Je 200, Albuque (que, MM & TIIO  Shone #: SOS-884-8072  Standard  Accreditation  Standard  NELAP  Date Time Matrix Sample Request ID  1/3/6   1/45	(1)   (1)

# **Appendix B Waste Manifests**

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

NOI	N-HAZARDOUS WASTE MANIFEST NO	114693	1. PAGE_	OF	2. TRAILE	ER NO.	Mole			
G E	3. COMPANY NAME 4. ADDRESS 5509 Champ PHONE NO. CITY Midland	ion Dr. STATE TX.	ZIP 79706	6. TNR	10/2016 CC I.D. NO.					
E,	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAIN			10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	a Non-Regulated, Non Hazardous Waste			СМ		Y				
E	b. c.									
R	<sup>d</sup> wт: 37480 40760						:			
A	12. COMMENTS OR SPECIAL INSTRUCTIONS:  ENDURANCE 25 FED SWD # 2	7824	Ð	13	. WASTE PR	OFILE NO	0.			
Т	14. IN CASE OF EMERG NAME PHONE NO KIN SLAUGHTER 575-887-4048		L, CONTA	CT	24-HOUR E	EMERGE	NCY NO.			
0	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 R A N S P	16. TRANSPORTER (1)  NAME: SDR ENTERPRISE LLC  TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTACT: SHANNON IN CASE OF EMERGENCY CONTACT:									
R T E R S	EMERGENCY PHONE: (575) 441-7330.  18. TRANSPORTER (1): Acknowledgment of receipt of material  PRINTED/TYPED NAME CORL STORY  SIGNATURE DATE 6/10	EMERGENCY PHO  19. TRANSPOR  PRINTED/TYPED  2016NATURE	RTER (2):			-	aterial			
D F		e Marker 64, U.S Miles East of Ca	•	-	PHONE:	575-88	7-4048			
I A S C P I O L	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS								
S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby facility is authorized and permitted to receive such wastes.	certify that the above de	escribed wast	es were de	livered to this	s facility, t	hat the			
L Y	AUTHORIZED SIGNATURE	CELL NO.	-	DATE 6/	10/2016	TIN	1:55			

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

### LEA LAND, LLC

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				1 CIT 1, OR 75100 1	(	,		16	ura	17 76	
NOI	N-HAZARDOUS WASTE MANIF	EST	NO .	L14694	1. PA	GE			er no. 7	727	
0	3. COMPANY NAME	4. ADD						-UP DATE		401.0	
G	E.O.G Resources		Champi			1007		10/2016			
	PHONE NO. CITY STATE					- 1	6. TNRC	CC I.D. NO			
E	(432) 686-3705	Midl	and	TX.		706	U				
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CON No.	TAINE   Typ		TOTAL ANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N	a.Non-Regulated, Non Hazardous Was	te			1	С	_		Υ		
	b.										
E	c.	-									
R	OWT: 42,320 41,0	40									
	12. COMMENTS OR SPECIAL INSTRUCTIONS:			0			13.	WASTE P	ROFILE N	O	
A	ENDURANCE 25 FED SWD#2		10	20 83	38	0					
	14. IN CA	SE OF	EMERG	ENCY OR SPIL	L, COI	NTAC	Т				
Т	NAME	PHON						24-HOUR	EMERGE	NCY NO.	
	KIN SLAUGHTER	575-	887-4048								
О	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	
IX											
Т	16. TRANSPORTER (1)			17.	TI	RANS	PORT	ER (2)			
R	NAME			NAME.				( )			
A N	SUR ENTERPRISE	LLC		NAME:							
S	TEXAS I.D. NO.			TEXAS I.D. NO.							
P	IN CASE OF EMERGENCY CONTACT:	SH	NONNA	IN CASE OF EME	RGENC	Y CON	TACT:				
O R		5) 441-		EMERGENCY PH	ONE:						
T	18. TRANSPORTER (1): Acknowledgmeht o	f receipt	of material	19. TRANSPOI	SPORTER (2): Acknowledgment of receipt of material						
$\mathbf{E}$	PRINTED/TYPED NAME	al scu	tei	PRINTED/TYPED	NAME						
R S	Ol Para a =										
3	SIGNATURE CONTROL SIGNATURE	DATE	6/10	26 MATURE				D	ATE		
	, , , , ,	ADD	RESS:					PHONE:			
	Lea Land, LLC		Mile	Marker 64, U.	S. Hw	y 62/	/180,		575-88	7-4048	
D F I A			30 N	liles East of Ca	arlsbac	l, NN	1			_	
SC	PERMIT NO.			20. COMMENTS							
P I	WM-01-035 - New Mex	ico								11	
O L S I	21.DISPOSAL FACILITY'S CERTIFIC	ATION	N: I Hereby o	ertify that the above d	lescribed	wastes	were del	ivered to the	nis facility t	that the	
AT	facility is authorized and permitted to receive such w	astes.		,					, , ,		
L Y	AUTHORIZED SIGNATURE	Λ		CELL NO.		D	ATE		TIN	ИE	
	MANIA MANA	211.	<b>\</b> ,				A/	10/2016		עת יח	
		W	1/				U/	1012U1U	<u> </u>	$\cup$ . $\cup$ $\cup$	

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

						<u>ー・</u>		
NON	N-HAZARDOUS WASTE MANIFEST NO	114707	1. PAGE_	OF	2. TRAILER	NO.	00Le	
	3. COMPANY NAME 4. ADDRESS			5. PICK	-UP DATE			
G	E.O.G Resources 5509 Cham	pion Dr.		8/	13/2016			
		•	חזה		CC I.D. NO.	-		
	fill the state of	STATE	ZIP		LC I.D. NO.			
E	(432) 686–3705 Midland	TX.	79706	3	1100			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAIN			UNIT	II. TEXAS	
	A TABLE ON DEBORE TION OF WASTE SHIFTED.		No. T	ype Ql	JANTITY W	t/Vol.	WASTE ID#	
N	a Non-Regulated, Non Hazardous Waste		1	CM:	7-11	Υ		
	b.							
E								
	c.			ĺ				
	days and a second							
R	WT 3752D 3854D						:	
	12. COMMENTS OR SPECIAL INSTRUCTIONS:			12	WASTE PROF	II E N		
	12. COMMENTS OR STECIAL INSTRUCTIONS:	h. # A		13.	WASIETKUT	ILE IN	J.	
A	ENDURANCE 25 FED SWD #2	TQ 76	040					
				-				
	14. IN CASE OF EMERO	GENCY OR SPIL	L, CONTA	ACT	******		1011111	
T	NAME PHONE NO				24-HOUR EM	ERGE	NCY NO.	
	KIN SLAUGHTER 575-887-404	8						
	15.GENERATOR'S CERTIFICATION: I Hereby declare that	at the contents of this co	nsignment are	e fully and	accurately desc	ribed al	nove by proper	
0	shipping name and are classified, packed, marked, and labeled, and are in	all respects in proper con	ndition for tra	nsport by h	ighway accordi	ng to ar	plicable	
	international and national government regulations, including applicable st	tate regulations, and are	the same mat	erials previ	ously approved	by LE	A LAND, LLC	
	PRINTED/TYPED NAME	SIGNATURE					DATE	
R	TRINIED/I I FED NAIVIE	SIGNATURE					DATE	
		100						
Т	16. TRANSPORTER (1)	17.	TRAN	SPORT	ER (2)	-		
R	TAMES OF LINE	1	1101	.DI OINI	( <i>m</i> )			
A	NAME: SOR ENTERPRISE LLC	NAME:						
N		TEVACID NO						
S	TEXAS I.Ď. NO.	TEXAS I.D. NO.	1.					
P	IN CASE OF EMERGENCY CONTACT: SHANNON	IN CASE OF EME	RGENCY CO	ONTACT:				
Ö								
R	EMERGENCY PHONE: (575) 441-7330	EMERGENCY PH						
T	18. TRANSPORTER (1) Acknowledgment of receipt of material	19. TRANSPOI	KΓER (2):	Acknowle	dgment of recei	pt of m	aterial	
Ē	PRINTED/TYPED NAME/ LOO (NON) TEXT	)	NAME					
R	PRINTED/TYPED NAME 100 100 100	PRINTED/TYPED	NAME					
S	CICNATURE (NA)	3/2048			5.5			
	SIGNATURE DATE 6/1	3 2016 NATURE			DATE	:		
	ADDRESS:				PHONE:			
		le Marker 64, U.	S Hww 6	2/180	57	5_88	7-4048	
D F	"	•	-	•		J-00	, 4040	
I A	<sup>v</sup> 30	Miles East of Ca	arisbad, N	IIVI				
s C	PERMIT NO.	20. COMMENTS						
PI	WM-01-035 - New Mexico							
O L								
SI	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby	certify that the above d	lescribed wast	tes were de	livered to this fa	acility, t	hat the	
A T	facility is authorized and permitted to receive such wastes.							
L Y	AUTHORIZED SIGNATURE	CELL NO.		DATE #	42/2048	TIN	/F	
		CELE IVO.		DULE O	13/2016	1 111	(5.7) I	
	MANDA LIONZOUZ						U	

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 1. PAGE OF 3. COMPANY NAME 4. ADDRESS 5. PICK-UP DATE G E.O.G Resources 5509 Champion Dr. 6/13/2016 PHONE NO. STATE 6. TNRCC I.D. NO. CITY ZIP (432) 686-3705 79706 Midland TX. E 8. CONTAINERS 9. TOTAL 10. UNIT 11. TEXAS 7. NAME OR DESCRIPTION OF WASTE SHIPPED: **OUANTITY** Wt/Vol. WASTE ID # Type a.Non-Regulated, Non Hazardous Waste CM N E R 12. COMMENTS OR SPECIAL INSTRUCTIONS 13. WASTE PROFILE NO. ENDURANCE 25 FED SWD # 2 A IN CASE OF EMERGENCY OR SPILL, CONTACT 14. NAME PHONE NO 24-HOUR EMERGENCY NO. T KIN SLAUGHTER 575-887-4048 0 shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable PRINTED/TYPED NAME SIGNATURE DATE R T TRANSPORTER (1) 16. TRANSPORTER (2) 17. R NAME: NAME: SDR ENTERPRISE LLC A N TEXAS I.D. NO. TEXAS I.D. NO. S IN CASE OF EMERGENCY CONTACT: SHANNON P IN CASE OF EMERGENCY CONTACT: O EMERGENCY PHONE: (575) 441-7330 EMERGENCY PHONE: R 18. TRANSPORTER (1); Acknowledgment of receipt of material 19. TRANSPORTER (2): Acknowledgment of receipt of material T

15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC PRINTED/TYPED NA PRINTED/TYPED NAME \_\_\_\_\_ 6/13/2016NATURE SIGNATURE DATE ADDRESS: PHONE: Lea Land, LLC Mile Marker 64, U.S. Hwy 62/180, 575-887-4048 30 Miles East of Carlsbad, NM 20. COMMENTS PERMIT NO. WM-01-035 - New Mexico 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 ŞIGNATURE CELL NO. POSAL SITE: COPIES 2 & 3 CODY 1

GENERATOR: COPIES 1 & 6

E

R S

D F

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P I 0

S I

T A Y

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

	1300 WEST MAIN STREET • OK	LAHOMA	A CITY, OK 73106 • 1	PHONE (	405) 236	-4257		ran	70	
NON		NO -	114734	1. PA	GEO	F	2. TRAIL	er no. 🖜	27	
G	3. COMPANY NAME 4. ADDRES E.O.G Resources 5509 PHONE NO. CITY	ss Champ	ion Dr. STATE			6/1	-UP DATE 14/2016 CC I.D. NO			
E	(432) 686-3705 <sup>117</sup> Midland	d	TX.	79	706					
-	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CON No.	TAINER Type		TOTAL	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N	<sup>a.</sup> Non-Regulated, Non Hazardous Waste			1	СМ	<del>-</del>	- 6	Υ	,	
E	b. c.								,	
R	d.W.T : 43,900 42,980									
A	ENDURANCE 25 FED SWD# 2	$\sqrt{a}$	8688	30		13.	WASTE P.	ROFILE N	Э.	
Т	14. IN CASE OF E NAME PHONE ? KIN SLAUGHTER 575-88	NO	ENCY OR SPIL	L, CO	NTACT		24-HOUR	EMERGE	NCY NO.	
0	15.GENERATOR'S CERTIFICATION: I Hereby dec shipping name and are classified, packed, marked, and labeled, an international and national government regulations, including appl	id are in all	l respects in proper co	ndition fo	r transpo	rt by hi	ighway acc	ording to an	pplicable	
R	PRINTED/TYPED NAME		SIGNATURE						DATE	
T	16. TRANSPORTER (1)		17.	TF	RANSP	ORT	ER (2)			
R A	NAME: SDR ENTERPRISE LLC		NAME:							
N S	TEXAS I.D. NO.		TEXAS I.D. NO.							
P	IN CASE OF EMERGENCY CONTACT: SHA	NON	IN CASE OF EME	EMERGENCY CONTACT:						
O R	EMERGENCY PHONE: (575) 441-73		EMERGENCY PH							
T E R	18. TRANSPORTER (1): Acknowledgment of receipt of a		19. <b>TRANSPO</b>						aterial	
S	SIGNATURE DATE	6/14	<b>2016</b> nature				D	ATE		
	ADDRES	SS:					PHONE:			
D F	Lea Land, LLC		Marker 64, U. files East of Ca		•	80,		575-88	7-4048	
I A S C P I O L	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS							
S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I facility is authorized and permitted to receive such wastes.	l Hereby c	ertify that the above d	lescribed	wastes w	ere deli	ivered to th	is facility, t	hat the	
L Y	AUTHORIZED SIGNATURE  ONROUP	at a state of the	CELL NO.	DATE TIME 10.00						

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

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

NICE	T M AR A D DOCTOR TO THE CO.	er er er	444700				ED NO 7					
NUN	I-HAZARDOUS WASTE MANIFI	EST NO	114735	1. PAG	EOF	2. TRAIL	ER NO.	1 DO( 0				
	3. COMPANY NAME	4. ADDRESS			5. PIC	CK-UP DATE						
G	E.O.G Resources	5509 Char	npion Dr.	6/14/2016								
	PHONE NO.	HONE NO. CITY STATE					ZIP 6. TNRCC I.D. NO.					
E	(432) 686-3705 ' Midland TX.				79706							
	7. NAME OR DESCRIPTION OF WASTE SHIPPED	D:		8. CONT		9. TOTAL DUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #				
N	and Deviced New House	_		No.	<del></del>	QUANTITY	W 1/ VOI.	WASIEID#				
14	<sup>a.</sup> Non-Regulated, Non Hazardous Wast	e 		11 1	CM® L	· :	Υ.					
	b.											
E	C.						_					
				ļl.								
R	WT 40580 44 MD	1										
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					3. WASTE P	ROFILE N	О.				
A	ENDURANCE 25 FED SWD # 2		0011	no.								
**			(N) 84U	au								
	14. IN CAS	SE OF EMER PHONE NO	RGENCY OR SPIL	L, CON	TACT	24 HOLID	EMERGE	NCV NO				
T	KIN SLAUGHTER		40			24-HOUR	EWEKGE	NCT NO.				
		575-887-40			C 11	1 1	1 11 1 1					
0	15.GENERATOR'S CERTIFICATION: I shipping name and are classified, packed, marked, and	labeled, and are i	n all respects in proper co	ndition for	transport by	highway acc	ording to an	plicable				
	international and national government regulations, inc	luding applicable	state regulations, and are	the same r	naterials pre	eviously appro	oved by LE	A LAND, LLC				
R	PRINTED/TYPED NAME		SIGNATURE					DATE				
T	16. TRANSPORTER (1)		17.	TR	ANSPOR	TER (2)						
R												
A N	SDR ENTERPRISE	LLC	NAME:									
S	TEXAS I.D. NO.		TEXAS I.D. NO.									
P	IN CASE OF EMERGENCY CONTACT:	SHANNO	N IN CASE OF EME	ERGENCY	CONTACT	:						
0	EMERGENCY PHONE: (575)	1441-7330	EMERGENCY PH	IONE:								
R T	18. TRANSPORTER (1): Acknowledgment of	•	al 19. TRANSPO	RTER (2	2): Acknow	ledgment of r	eceipt of m	aterial				
E	PRINTED/TYPED NAME/ DOUG STO	hous	PRINTED/TYPED	NAME								
R	B II					,		_				
S	SIGNATURE A Deg	DATE 8/	14/20916NATURE			D	ATE					
		ADDRESS:				PHONE:						
	Lea Land, LLC		ile Marker 64, U.	S. Hwv	62/180		575-88	7-4048				
D F			Miles East of Ca	•								
I A S C	PERMIT NO.		20. COMMENTS			*						
PI	WM-01-035 - New Mexi	.co										
D L	21.DISPOSAL FACILITY'S CERTIFICA	ATIONITY		danasilis (f		المالية المالية	.i Cn -!!!!	land dlan				
S I	facility is authorized and permitted to receive such wa		by certify that the above of	iescribed w	astes were	ienvered to th	us raculity, t	nat the				
LY	AUT#ORIZED SIGNATURE		CELL NO		DATE		TIL	/E				
			CELL NO.		DATE		TIN	7' N.C.				
	Dantos Zonza	les :			1	3/14/2016	-   18	J.UD				

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

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

-								1	
NON	N-HAZARDOUS WASTE MANIFE	EST NO	114744	1. PA	GEOF	2. TRAII	LER NO.	#104	
	3. COMPANY NAME 4	4. ADDRESS			5. I	PICK-UP DATE			
G	E.O.G. Resources	5509 Champ	oion Dr.			6/15/2016			
	[	CITY			710				
			STATE			INRCC I.D. NO	).		
E	(432) 686-3705	Midland	TX.	79	706				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	١٠.		8. CON	TAINERS	9. TOTAL	10. UNIT	11. TEXAS	
	THE STANDARD	<u> </u>		No.	Туре	QUANTITY	Wt/Vol.	WASTE ID#	
N	<sup>a</sup> .Non-Regulated, Non Hazardous Waste	5		1	- CM		. 1 , Yigi		
	b.								
E	C.					-			
	i.								
	WT: 28/10 178	700		$\vdash$	<del></del>	<del> </del>	<del>                                     </del>		
R	58(141) 412	(21)							
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE P	ROFILE NO	0	
			<b>O</b>			101 11110	101.22	J.	
A	ENDURANCE:25 FED:SWD:#-2	TTa	×1 410T						
	14. IN CAS	E OF FMERC	ENCY OR SPIL	T CON	TACT				
	NAME	PHONE NO	ENCI OR SITE	L, CO.	VIACI	24-HOLIB	EMERGEN	NCV NO	
T						24-1100K	EMERGE	NCI NO.	
		575-887-4048							
_	15.GENERATOR'S CERTIFICATION: 11	Hereby declare that	the contents of this co	nsignmen	nt are fully	and accurately	described al	bove by proper	
0	shipping name and are classified, packed, marked, and l	labeled, and are in al	Il respects in proper cor	ndition fo	or transport	by highway acc	ording to an	pplicable	
	international and national government regulations, inclu	uding applicable sta	te regulations, and are	the same	materials	previously appro	oved by LEA	4 LAND, LLC	
R	PRINTED/TYPED NAME		SIGNATURE					DATE	
IX									
T	16. TRANSPORTER (1)		17.	TR	LANSPO	ORTER (2)			
R	NAME:		NAME:						
A	SDR ENTERPRISE L	LC	INAIVIE.					-	
N	TEXAS I.D. NO.		TEXAS I.D. NO.						
S P	IN CASE OF EMERGENCY CONTACT:		BI CASE OF EME	EMERGENCY CONTACT:					
O	IN CASE OF EMERGENCI CONTACT.	SHANNON	IN CASE OF EIVIE	RGENC	CUNTAC	JI:			
R		441-7330	EMERGENCY PHO	PHONE:					
T	18. TRANSPORTER (1): Acknowledgment of a	receipt of material	19. TRANSPOR	RTER (	(2): Ackno	owledgment of r	eceipt of ma	aterial	
Ē	$\mathcal{I}$	1							
R	PRINTED/TYPED NAME Lougy Ho	phens	PRINTED/TYPED	NAME_					
S		BIAE	Onto .						
	SIGNATURA LUNG	DATE 6/15/	2018 NATURE			D	ATE		
		ADDRESS:	-			PHONE:			
	Lea Land, LLC		e Marker 64, U.S	C HW	v 62/18	1	575-88	7 1018	
D F	Dou Daild, DDC		•	•	•	0,	3/3-00	/==0=0	
I A	:	<u> </u>	Miles East of Ca	irisbau	, INIVI				
S C	PERMIT NO.		20. COMMENTS						
PΙ	WM-01-035 - New Mexic	20						4 4 3	
O L	- PICROCAL PLOU INVIC CERTIFICA	=7077							
S I	21.DISPOSAL FACILITY'S CERTIFICA'	TION: I Hereby c	ertify that the above de	escribed v	wastes wer	e delivered to th	is facility, t	hat the	
A T	facility is authorized and permitted to receive such was	stes.							
L Y	AUTHORIZED SIGNATURE	Λ	CELL NO.		DATE	E .	TIN	ЛE.	
		//					(	Th . (	
1	Danton Money	VIA				6/15/2016		1.41)	

GENERATOR: COPIES 1 & 6

PISPOSAL SITE: COPIES 2 & 3

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

	1300 WEST MAIN ST		ND, LLC	DUONE (405)	236 1254	$\bigcap_{\alpha}$		<i></i>
NO	N-HAZARDOUS WASTE MANIE		114745	1. PAGE_	· · · · · · · · · · · · · · · ·		ER NO.	707
G ,	3. COMPANY NAME	4. ADDRESS 5509 Champ		ZIP 79706	5. PICK 6/ 6. TNR	L K-UP DATE 15/2016 CC I.D. NO.		α <u> </u>
<b>L</b> , ,	7. NAME OR DESCRIPTION OF WASTE SHIPPE		175	8. CONTAIN	NERS 9	). TOTAL UANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	<sup>a</sup> Non-Regulated, Non Hazardous Was	te			СМ		Υ:-	
E	b. c.							
R	dwt: 44080 391	eleo			13	, WASTE PI	OFILE N	
A	ENDURANCE 25 FED SWD #:2	Ta	83,740	)		, WASTETT	NOTILE IN	o.
T	14. IN CANAME  KIN SLAUGHTER	ASE OF EMERG PHONE NO 575-887-4048	ENCY'OR SPIL	L, CONTA	CT	24-HOUR	EMERGEI	NCY NO.
О	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	id labeled, and are in al	l respects in proper co	ndition for tra	nsport by l	highway acco	ording to at	oplicable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
T R A N S P O R T E R S	16. TRANSPORTER (1)  NAME: SDR ENTERPRISE  TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTACT:  EMERGENCY PHONE: (578)  18. TRANSPORTER (1): Acknowledgment  PRINTED/TYPER NAME  SIGNATURE	SHANNON  5):441-7330  of receipt of material  (SIWH)  DATE 8/15	17.  NAME:  TEXAS I.D. NO.  IN CASE OF EME  EMERGENCY PH  19. TRANSPO  PRINTED/TYPED  20:16 NATURE	ERGENCY CO IONE: RTER (2): D NAME	Acknowle	dgment of re	•	
D F	Lea Land, LLC	l .	Marker 64, U. Miles East of Ca	•		PHONE:	575-88	7-4048
I A S C P I O L	WM-01-035 - New Mex		20. COMMENTS	1		15 1		l d
S I A T L Y	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such value of the such	ATTON: I Hereby o	CELL NO.	described wast	DATE	15/2018	TIA	AE

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

### LEA LAND, LLC

NOI	N-HAZARDOUS WASTE MANIFEST NO 11	4753	1. PAGE	_OF	2. TRAILI	ER NO.	DOG			
G	3. COMPANY NAME 4. ADDRESS 5.0.G. Resources 5509 Champion	Dr.			-UP DATE <b>6/2016</b>					
E	PHONE NO. (432) 686-3705 CITY ST Midland	TX.	ZIP 6. TNRCC I.D. NO. 79786							
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINI No.   Ty		TOTAL IANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	a.Non-Regulated, Non Hazardous Waste	7.		M	11-7	Υ				
E	b. c.									
R	DWT: 39,140 38,480									
A	12. COMMENTS OR SPECIAL INSTRUCTIONS:  ENDURANCE 25 FED SWD # 2	476	340	13.	WASTE PR	OFILE NO	).			
Т	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGENCY NO. KIN SLAUGHTER 575-887-4048									
0	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 SIG	NATURE					DATE .			
T	16. TRANSPORTER (1) 17	TRAN	SPORT	ER (2)						
R A	NAME: SDR ENTERPRISE LLC	ME:								
N S	TEXAS I.D. NO.	XAS I.D. NO.	).							
P	IN CASE OF EMERGENCY CONTACT: SHANNON IN	CASE OF EMER	RGENCY CO	NTACT:						
O R	(500)	TRANSPOR		\ alemanulae	lament of re	agint of m	atorial			
T E R	CONTROL	UNTED/TYPED								
S	SIGNATURE DATE 6/16/20st	<b>6</b> NATURE			D/	ATE				
	ADDRESS:	1 (4 110		1/1.00	PHONE:	eze 00'	7 4040			
D F	7	arker 64, U.S s East of Ca	•			575-88′	/-4048			
I A S C P I		COMMENTS								
O L S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify facility is authorized and permitted to receive such wastes.	that the above de	escribed waste	s were del	ivered to thi	s facility, t	hat the			
L Y	AUTHORIZED SIGNATURE  ONZALIZ  -	ELL NO.		DATE <b>6</b> /	16/2016	OTIN.	1E , 20			

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 MANIF	EST NO	114754	1. PA	GEOF_	2. TRAIL	er no. 7	4007				
G	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 686-3705	4. ADDRESS 5509 Champ CITY Midland	ion Dr. STATE TX.		427 (0)	ICK-UP DATE 6/16/2018 NRCC I.D. NO.						
E .	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:		8. CON	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #				
N	a.Non-Regulated, Non Hazardous Was	te		1	CM	QUANTITT	Y	WASTE ID#				
E c.												
R	d.W.T : 21980 204	LeD				13. WASTE PR	OEII E N					
A	ENDURANCE 25 FED SWD #-2	-	6) 424	40		is. whole if	COLIEDIA	J.				
Т	14. IN CASE OF EMERGENCY OR SPILL, CONTACT  NAME PHONE NO 24-HOUR EMERGENCY NO.  KIN SLAUGHTER 57.5-887-4048											
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, and are in al	I respects in proper co	ndition fo	r transport	by highway acco	ording to an	plicable				
R	PRINTED/TYPED NAME		SIGNATURE					DATE				
T R A N S P	16. TRANSPORTER (1)  NAME: SDR ENTERPRISE LLC  TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTACT: SHANNON IN CASE OF EMERGENCY CONTACT:											
R T	EMERGENCY PHONE: (575) 18. TRANSPORTER (1): Acknowledgment of	freceipt of material	EMERGENCY PH 19. TRANSPO	01.2	<b>2):</b> Ackno	wledgment of re	ceipt of m	aterial				
E R S	PRINTED/TYPED NAME / ISACVO 6		PRINTED/TYPED									
-	SIGNATURATE SAUTO GAVEIAN		<b>2016</b> nature				ATE					
D F	Lea Land, LLC		Marker 64, U. Ailes East of Ca		•	0, PHONE:	575-88	7-4048				
S C P I O L	PERMIT NO. WM-01-035 - New Mex	ico	20. COMMENTS									
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		ertify that the above d	lescribed	wastes were	e delivered to thi	is facility, t	that the				
LY	AUTHORIZED SIGNATURE  0020	alez	CELL NO.	50	DATE	6/16/2016	TIP	ME 2.20				

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

					, 200 1.		ira	nka	
NOI	N-HAZARDOUS WASTE MANI		114755	1. PA	GEOF_	2. TRAI	LER NO.	#27	
G E	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 686-3705	4. ADDRESS 5509 Champ CITY Midland	ion Dr. STATE TX.			OCK-UP DATE 6/16/2016 ORCC I.D. NO			
K	7. NAME OR DESCRIPTION OF WASTE SHIPP	PED:		8. CON No.	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N	a.Non-Regulated, Non Hazardous Wa	ste		1-1	Type	QUANTITI	Υ. Υ.	WASTE ID#	
E	b. c.								
R	dwt: 40420 40,	220				13. WASTE F	PROFILE N	0.	
A	ENDURANCE 25 FED SWD # 2	-	Tta 81	0/10	4)				
Т	IN CASE OF EMERGENCY OR SPILL, CONTACT PHONE NO 24-HOUR EMERGENCY NO. KIN SLAUGHTER 575-887-4048.								
0	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 R A N S P O R	16. TRANSPORTER (1)  NAME: SDR ENTERPRISE  TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTACT:  EMERGENCY PHONE: (57)  18. TRANSPORTER (1): Acknowledgmen	SHANNON 75):441-7330	17.  NAME:  TEXAS I.D. NO.  IN CASE OF EMI  EMERGENCY PI  19. TRANSPO	ERGENC'	Y CONTAC		receipt of m	naterial	
T E R S	PRINTED/TYPED NAMES (MT) TOPOS  SIGNATURE SIGNATURE	Chrisina	PRINTED/TYPE:		. ,		DATE	lateriar	
D F	Lea Land, LLC	1	e Marker 64, U Miles East of C		•	O, PHONE:	575-88	37-4048	
I A S C P I O L	PERMIT NO. WM-01-035 - New Me	exico	20. COMMENTS						
S I A T	21.DISPOSAL FACILITY'S CERTIFI facility is authorized and permitted to receive such		certify that the above	described	wastes wer	e delivered to t	his facility,	that the	
L Y	AUTHORIZED SIGNATURE	n. 1.2.	CELL NO.	-	DATI	8/48/2048		ME 1 20	

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 114756 2. TRAILER NO. NON-HAZARDOUS WASTE MANIFEST 1. PAGE \_\_\_OF\_ 3. COMPANY NAME 4. ADDRESS 5. PICK-UP DATE E.O.G Resources 5509 Champion Dr. 6/16/2016 G PHONE NO. 6. TNRCC I.D. NO. CITY **STATE** ZIP (432) 686-3705 79706 Midland TX. É 8. CONTAINERS 9. TOTAL 10. UNIT 11. TEXAS No. 1 Type OUANTITY Wt/Vol. WASTE ID # 7. NAME OR DESCRIPTION OF WASTE SHIPPED:

				140.	Type	QUALITIT	**********	WYPITID #			
N	a.Non-Regulated, Non Hazardous Wasi	6		. 4 1	CM		<b>'Y</b> ' (1')				
_	b.										
E	c.										
R		CO									
A	12. COMMENTS OR SPECIAL INSTRUCTIONS:  ENDURANCE 25 FED SWD # 2		O M/	2 Q7	$\sim$	13. WASTE P	ROFILE N	0.			
A.	14. IN CA		TO 74,380 GENCY OR SPILL, CONTACT								
Т	NAME KIN SLAUGHTER	PHONE NO 575-887-4048	24-HOUR EMERGENCY NO.								
О	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proposing 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, LI										
R	PRINTED/TYPED NAME		SIGNATURE DATE								
T	16. TRANSPORTER (1)		17.	Tl	RANSPO	RTER (2)					
R A	NAME: SDR ENTERPRISE	NAME:									
N S	TEXAS I.D. NO.	TEXAS I.D. NO.									
P	IN CASE OF EMERGENCY CONTACT:	SHANNON	IN CASE OF EMERGENCY CONTACT:								
O R	EMERGENCY PHONE: (575) 18. TRANSPORTER (1): Acknowledgment of	1) 441-7330 :	EMERGENCY PHONE:  19. TRANSPORTER (2): Acknowledgment of receipt of material								
T E	PRINTED/TYPED NAME / HOS		POINTED/TYPED NAME								
R S	SIGNATURE CONTRACTOR	00	2016 NATURE				PATE				
	,	ADDRESS:				PHONE:					
D F	Lea Land, LLC		e Marker 64, U.		•	0,	575-88	7-4048			
I A S C	PERMIT NO.	30 1	Miles East of Ca	arisbae	u, INIVI						
PΙ	<b>}</b>	WM-01-035 - New Mexico									
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v	certify that the above of	lescribed	wastes wei	e delivered to the	his facility,	that the				
L Y	AUTHORIZED SIGNATURE	CELL NO.		DAT	8/16/2016	C	ME 1.45				
GENER	ENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5										

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

### LEA LAND, LLC

NC	N-HAZARDOUS WASTE MANIFEST NO	114911	1. PA	.GEOF_	2. TRAI	LER NO.	#////			
	3. COMPANY NAME 4. ADDRESS			5. P	PICK-UP DATE		DOG			
G	E:0xG:Resources	npion: Dr.		11.2	6/24/2016					
	PHONE NO. CITY	STATE		ZIP 6. T	NRCC I.D. NO	),				
E	(432) 000-3700 Mildiand	TX.		706						
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		No.	TAINERS   Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	<sup>a</sup> Non-Regulated, Non Hazardous Waste		1	CM		Υ				
	b.									
E	C.									
	d d D to									
R	dwT:42,380									
	12. COMMENTS OR SPECIAL INSTRUCTIONS:				13. WASTE P	ROFILE N	IO.			
A	ENDURANCE 25 FED SWD #2									
	14. IN CASE OF EMER	GENCY OR SPIL	L. CON	NTACT						
Т	NAME PHONE NO		<del></del>		24-HOUR	EMERGE	NCY NO.			
1	KIN SLAUGHTER 575-887-4048									
O  15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described all shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to appropriate the contents of this consignment are fully and accurately described all international and national course are conditions.										
	international and national government regulations, including applicable s	tate regulations, and are	the same	materials p	reviously appro	ved by LE	A LAND, LLC			
R	PRINTED/TYPED NAME	SIGNATURE					DATE			
		·								
T	16. TRANSPORTER (1)	17.	TR	ANSPO	RTER (2)					
R A	NAME: SDR ENTERPRISE LLC	NAME:								
N	TEXAS I.D. NO.	TEXAS I.D. NO.								
S P	IN CASE OF EMERGENCY CONTACT: SHANNON	IN CASE OF EME	RGENCV	' CONTAC'	т.					
0	EMERGENCY PHONE: (575) 441-7330	EMERGENCY PHO		CONTAC						
R T	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPOR		2): Acknov	vledgment of re	eceipt of m	aterial			
E	PRINTED/TYPED NAME 100 WESTERO					•				
R S		PRINTED/TYPED	NAME _							
	SIGNATURE DATE 6/2	4 2016 NATURE			D	ATE				
	ADDRESS:				PHONE:					
D F		le Marker 64, U.S			),	575 <b>-</b> 88	7-4048			
I A		Miles East of Ca	rlsbad,	NM						
S C P I	WM-01-035 - New Mexico	20. COMMENTS								
O L										
S I A T	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
L Y	AUTHORIZED SIGNATURE									
	10 10	DATE		TIM	/E					
GENIE	Martin Jonzalia				8/24/2016		1.35			
GENER	ATOR: COPIES 1 & 6	TE: COPIES 2 & 3			TRANSPO	ORTERS: C	COPIES 4 & 5			

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

### LEA LAND, LLC

NON	N-HAZARDOUS WASTE MANIF	0 1	14777	1. PA	GEO	F 2. TRA	AILER NO.	hol.			
	3. COMPANY NAME	4. ADDRESS	-	n els		5	PICK-UP DA	ГЕ			
G	E.O.G Resources	5509 C	hampi	on Dr.			6/17/201				
	PHONE NO.	CITY	•	STATE		ZIP 6	TNRCC I.D.	VO.			
E	(432) 686-3705	Midland		TX.		706					
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:			8. CON No.	TAINER Type	9. TOTAL QUANTIT		11. TEXAS WASTE ID #		
N	<sup>a</sup> Non-Regulated, Non Hazardous Was	te			1	СМ	No.				
_	b.										
E	c.										
R	WT: 41,52D 43,4	20									
	12. COMMENTS OR SPECIAL INSTRUCTIONS:			0.10			13. WASTE	PROFILE N	1O.		
A	ENDURANCE 25 FED SWD # 2		Ka	8494	D						
	14. IN CA	SE OF EN	MERGI	ENCY OR SPIL	L, CO	NTACT	1				
Т	NAME PHONE NO KIN SLAUGHTER 575-887-4048										
0	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										
	international and national government regulations, in	e regulations, and are	the same	material	s previously ap	proved by LI	EA LAND, LLC				
R	PRINTED/TYPED NAME			SIGNATURE					DATE		
Т	16. TRANSPORTER (1) 17.					RANSP	ORTER (2)	)			
R A	NAME: SDD ENTERDRISE	11.0		NAME:							
N	TEXAS I.D. NO.			TEXAS I.D. NO.							
S P	IN CASE OF EMERGENCY CONTACT:	SHAN	NON	IN CASE OF EME	RGENC	Y CONTA	ACT:				
O R		i) 441-733		EMERGENCY PH	ONE;						
Т	18. TRANSPORTER (1): Acknowledgment		-	19. <b>TRANSPOI</b>	RTER (	( <b>2):</b> Ack	nowledgment o	of receipt of r	naterial		
E R	PRINTED/TYPED NAME	WATE	09	PRINTED/TYPED	NAME .						
S	SIGNATURE	DATE	6/17	<b>20:16</b> nature				DATE			
		ADDRES					PHON				
D F	Lea Land, LLC			Marker 64, U. Iiles East of Ca		-	80,	575-88	37-4048		
I A	PERMIT NO.			20. COMMENTS	a1 180a0	i, INIVI					
S C P I	WM-01-035 - New Mex	ico		zo. commento							
O L S I	I 21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to thi						this facility,	that the			
A T	racincy is audiorized and permitted to receive such v										
	AUTHORIZED SIGNATURE			CEL				T	ME O >		

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	N-HAZARDOUS WASTE MANIF	EST	NO .	114778	1. PAC	GEOF	-	2. TRAIL	ER NO.	007
	3. COMPANY NAME	4. ADD	RESS			5. 1	PICK-	UP DATE		
G	E.O.G Resources	5509	Champ	ion Dr.			6/1	7/2016		
	PHONE NO.	CITY		STATE	7	ZIP 6. 7	TNRC	C I.D. NO.		
	(432) 886-3705	Midla	and	TX.	797		111100	.C 1.D. 140.		
E	(402) 000 0100	1411.016	3110	17.						
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:			t .	AINERS		TOTAL	10. UNIT	11. TEXAS
	a.Non-Regulated, Non Hazardous Was	1-			No.	Туре	QU.	ANTITY	Wt/Vol.	WASTE ID #
N	a.ivoi Fiteguiated, ivoit Mazardous vaas	re			1	CM	1. "	1	γ Υ	
	b.						-			
E										
L	c.									
R	d.WT:21080 1/091	$\overline{\Omega}$								
	12. COMMENTS OR SPECIAL INSTRUCTIONS:	20					12	WA CTE DI	OFILE M	
					~		13.	WASTE PF	COFILE NO	J.
A	ENDURANCE 25 FED SWD # 2		Ta	138A	11)					
	14. IN CA	SE OF		ENCY OR SPILE	CON	TACT	_			
	NAME	PHON		ENCY OR SPILE	L, CON	IACI		24-HOUR	EMEDGEN	ICV NO
T KIN SLAUGHTER 575-887-4048								24-HOUK	EMERGE	NCT NO.
	15.GENERATOR'S CERTIFICATION:	I Hereby	declare that	the contents of this co	nsignment	are fully	and a	ccurately d	escribed al	ove by proper
U Ishipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applie									nlicable	
international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA								A LAND, LLC		
R	PRINTED/TYPED NAME			SIGNATURE						DATE
-										- 1
Т	16. TRANSPORTER (1)			17.	TD	ANICDO	DTI	PD (2)	-	
R	TRANSFORTER (1)			17.	IK	ANSPO	KII	LK (2)		
A	NAME: SDR#ENTERPRISE	LLC		NAME:						
N	TEXAS I.D. NO.			TEXAS I.D. NO.						
S				TEXAS I.D. NO.						
P	IN CASE OF EMERGENCY CONTACT:	SH	SHANNON IN CASE OF EMERGENCY CONTACT:							
0	EMERGENCY PHONE: (575	1 441-7	7330	EMERGENCY PHO	ONE:					
R	18. TRANSPORTER (1): Acknowledgment of			19. TRANSPOR		2): Ackno	wled	gment of re	ceint of ma	aterial
T					(-			<b>5</b>	p	
E R	PRINTED/TYPED NAME TSarra	37rc	NO W	PRINTED/TYPED	NAME _					
S		7 * /								
5	SIGNATURE 133000 Garcie	AZR	6/17	2018NATURE				D/	ATE	
		ADDI			·····			PHONE:		
	I an I and II C	וטטא		M1 (4 TT	0 11	. (0/10	- 1		<b>555</b> 000	7 4040
D F	Lea Land, LLC			Marker 64, U.S			0,		575-88′	/-4048
I A			30 N	Iiles East of Ca	ırlsbad,	NM				
S C	PERMIT NO.			20. COMMENTS						1
PΙ	WM-01-035 - New Mex	ico								
O L										
S I	21.DISPOSAL FACILITY'S CERTIFIC	ATION	: I Hereby c	ertify that the above de	escribed v	vastes wer	e deli	vered to thi	s facility, t	hat the
A T	racility is authorized and permitted to receive such w	facility is authorized and permitted to receive such wastes.								
LY	AUTHORIZED SIGNATURE			CELL NO.	ELL NO. DATE TIME				(E	
	MANIA MANIE	1/100								)· m
	WINTEN VINER	VII	1 "			11 11	6/1	7/2016		1.01)

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

### LEA LAND, LLC

	1300 WEST MAIN STREET • OK		CITY, OK 73106 •	PHONE (	405) 23	6-4257	ar	rar	172		
NO	N-HAZARDOUS WASTE MANIFEST	NO _	14779	1. PA	GE	OF	2. TRAIL	ER NO.	107		
G	3. COMPANY NAME 4. ADDRE 5.0.G Resources 5509 CITY Midland	Champi	on Dr. STATE TX.			5. PICK-U 6/17 6. TNRCC	//2016				
E	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CON No.			OTAL NTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #		
N	a.Non-Regulated, Non Hazardous Waste			1	CI	. 1		Y .			
E	b.										
R	dwt:38,640 36740										
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD # 2	16	0, 753,	QT)		13. V	VASTE PI	ROFILE N	O.		
T  IN CASE OF EMERGENCY OR SPILL, CONTACT  PHONE NO  24-HOUR EM  KIN SLAUGHTER  575-887-4048  15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to appl									pplicable		
R	international and national government regulations, including applications and national government regulations, including application and national government regulations, including application and national government regulations, including application and national government regulations.	ncable stat	SIGNA URE	the same	materi	als previou	isiy appro	ved by LE.	A LAND, LLC		
T R A N S P O R T E R	EMERGENCY PHONE: (575) 441-73  18. TRANSPORTER (1): Acknowledgment of receipt of		17.  NAME:  TEXAS I.D. NO.  IN CASE OF EMI  EMERGENCY PH  19. TRANSPO  PRINTED/TYPEI	ERGENC HONE: PRTER	Y CON	cknowledg	ment of re		aterial		
S	SIGNATURE DATE	8/17/	<b>2016</b> NATURE				D.	ATE			
D F	Lea Land, LLC	Mile	Marker 64, U		•	180,	PHONE:	575-88	7-4048		
S C P I O L	PERMIT NO.  WM-01-035 - New Mexico  21. DISPOSAL FACILITY'S CERTIFICATION:		20. COMMENTS				ered to th	is facility	that the		
S I A T	facility is authorized and permitted to receive such wastes.	i Heleby C	errity mar me above	uescribed				is facility,	mat tile		
LY	authorized signature	) )	CEL		D	ATE 6/17	7/2016	TI	9-25		

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPI

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

	1300 WEST MAIN ST			<b>ND, LLC</b> a city, ok 73106 • F	PHONE (40	05) 236-4	25(\OY)	ans	ta	
NOI	N-HAZARDOUS WASTE MANIF	EST	NO	114780	1. PAG	EOF	2. TRAIL	ER NO.	27	
G E	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 686-3705	4. ADD 5509 CITY Midk	Champ	ion Dr. STATE TX.	z 797	IP 6. T	PICK-UP DATE 6/17/2016 NRCC I.D. NO			
Ŀ	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CONTA		9. TOTAL	10. UNIT	11. TEXAS	
N	a.Non-Regulated, Non Hazardous Was	te			No.	Туре	QUANTITY	Wt/Vol.	WASTE ID#	
E	b. c.									
R	dwt:41,880 4112  12. COMMENTS OR SPECIAL INSTRUCTIONS:	D					13. WASTE P	ROFILE N	O.	
A	ENDURANCE 25 FED SWD # 2	-1	@ 830	21)						
Т	14. IN CASE OF EMERGENCY OR SPILL, CONTACT PHONE NO 24-HOUR EM  KIN SLAUGHTER 575-887-4048									
15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applications and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA I								pplicable		
R	PRINTED/TYPED NAME			SIGNATURE						
T 16. TRANSPORTER (1) 17. TRANSPORTER (2)  NAME: SDR ENTERPRISE LLC  N TEXAS I.D. NO.  TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTACT: SHANNON  R 18. TRANSPORTER (1): Acknowledgment of receipt of material  E PRINTED/TYPED NAME  19. TRANSPORTER (2): Acknowledgment of receipt of material  PRINTED/TYPED NAME										
R S	SIGNATURE XIII CELVOST	DATE	8/17/	<b>20:16</b> nature			D	ATE		
D F	Lea Land, LLC	ADDI		Marker 64, U. Iiles East of Ca	•		0, PHONE:	575-88	7-4048	
S C P I O L	PERMIT NO. WM-01-035 - New Mex			20. COMMENTS						
S I A T L Y	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION vastes.	: I Hereby c		lescribed w					
1	AUTHORIZED SIGNATURE		CELL NO.		DATI	3	TH	4E		

6/17/2016

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

NO	N-HAZARDOUS WASTE MANIFEST	NO	114786	1. PAG	EOF_	2. TRAIL	ER NO.	#007		
G	3. COMPANY NAME  E.O.G Resources * 4. ADDRI 5509	ess Champ	ion Dr.		5. P	ICK-UP DATE 8/20/2016				
E	PHONE NO. (432) 686-3705 CITY Midlar	nd	STATE TX.	z: 797		NRCC I.D. NO				
-	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTA	AINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #		
N	a.Non-Regulated, Non Hazardous Waste			1	CM		Y -			
E	b. c.									
R	dWT=17,680 20,120	***								
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE: 25:FED:SWD # 2:		a 37.8	300		13. WASTE P	ROFILE N	0.		
		EMERG	ENCY OR SPIL		TACT					
T	NAME PHONE ST5-8	NO <b>B7-4048</b>				24-HOUR	EMERGE	N		
0	15.GENERATOR'S CERTIFICATION: 1 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)		17.	TRA	ANSPO	RTER (2)				
R A	NAME: SDR ENTERPRISE LLC		NAME:							
N S	TEXAS I.D. NO.		TEXAS I.D. NO.							
P	IN CASE OF EMERGENCY CONTACT: SHA	MNON	IN CASE OF EME	RGENCY	CONTAC	CT:				
O R	EMERGENCY PHONE: (575) 441-7:  18. TRANSPORTER (1): Acknowledgment of receipt of		EMERGENCY PHO		\\ A = 1===	. 1 . 1	! 4 - 6			
T E			19. TRANSPOF	•	•		-	ateriai		
R	PRINTED TYPED NAME IS DUTO Garcia		PRINTED/TYPED							
S	SIGNATURE VISALO GORDIA MONTE	6/20	2016 NATURE			D	ATE			
	ADDRI					PHONE:				
D F	Lea Land, LLC		e Marker 64, U.S Ailes East of Ca	•		0,	575-88	7-4048		
I A S C P I O L	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS							
S I A T	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 racinty is authorized and permitted to receive such wastes.  AUTHORIZED SIGNATURE  ON 2010  6/20/2016  TIME  6/20/2016										

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

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

LEA	LA	ND,	LL	C
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1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 NON-HAZARDOUS WASTE MANIFEST NO 1. PAGE \_\_OF 2. TRAILER NO. 3. COMPANY NAME 4. ADDRESS 5. PICK-UP DATE G E.O.G Resources 5509 Champion Dr. 6/20/2016 PHONE NO CITY STATE 6. TNRCC I.D. NO. (432) 686-3705 Midland 79708  $\mathbf{E}$ 7. NAME OR DESCRIPTION OF WASTE SHIPPED: 8. CONTAINERS 9. TOTAL 10. UNIT 11. TEXAS Type **OUANTITY** Wt/Vol. WASTE ID # a.Non-Regulated, Non Hazardous Waste N CM E R 12. COMMENTS OR SPECIAL INSTRUCTIONS. 13. WASTE PROFILE NO. ENDURANCE 25 FED SWD # 2 A 14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO Т 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 0 international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC PRINTED/TYPED NAME **SIGNATURE** R DATE T 16. TRANSPORTER (1) TRANSPORTER (2) 17. R NAME: A SDR ENTERPRISE LLC NAME: N TEXAS I.D. NO. TEXAS I.D. NO. S IN CASE OF EMERGENCY CONTACT: P SHANNON IN CASE OF EMERGENCY CONTACT: O **EMERGENCY PHONE:** (575) 441-7330 EMERGENCY PHONE: R 18. TRANSPORTER (1): Acknowledgment of receipe of material 19. TRANSPORTER (2): Acknowledgment of receipt of material T E PRINTED/TYPED NAME \_\_\_\_ R S 6/20/2016 NATURE \_ SIGNATURE ADDRESS: PHONE: Lea Land, LLC Mile Marker 64, U.S. Hwy 62/180, 575-887-4048 D  $\mathbf{F}$ 30 Miles East of Carlsbad, NM Ι A PERMIT NO. 20. COMMENTS  $\mathbf{S}$  $\mathbf{C}$ WM-01-035 - New Mexico P I 0 L 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the S I facility is authorized and permitted to receive such wastes. A T L Y AUT#ORIZED SIGNATURE CELL NO. DATE TIME 6/20/2016 GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3

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

### LEA LAND, LLC

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_	24.

100				_		11/1	10010	FLA	
NOI	N-HAZARDOUS WASTE MANIF	EST NO	114788	1. PAGE	EOF	2. TRAILI	ER NO.	#27	
G	3. COMPANY NAME E.O.G Resources	4. ADDRESS 5509 Champ	ion Dr.			K-UP DATE /20/2016			
E	PHONE NO. (432) 686-3705	CITY <b>Midland</b>	STATE TX.	ZII <b>7970</b>		RCC I.D. NO.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:		8. CONTA		9. TOTAL UANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N	a.Non-Regulated, Non Hazardous Was	te		100.	Type Q	OANTITI	W 1/ VOI.	WASTE ID#	
E	b. c.								
	dWT 0	40							
R	30,880 35,89 12. COMMENTS OR SPECIAL INSTRUCTIONS:	<del>10</del>			11	3. WASTE PR	OFILE NO	)	
A	ENDURANCE 25 FED SWD # 2	10	12720		1		.000 140		
			ENCY OR SPIL	L, CONT	ГАСТ				
T	NAME KIN SLAUGHTER	24-HOUR I	EMERGE	NCY NO.					
0	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									
Т	16. TRANSPORTER (1)	17.	TRA	NSPOR	ΓER (2)	-			
R A	NAME: SDR ENTERPRISE	LLC	NAME:						
N S	TEXAS I.D. NO.		TEXAS I.D. NO.						
P O	IN CASE OF EMERGENCY CONTACT:	SHANNON	IN CASE OF EME	RGENCY (	CONTACT:			e E	
R	EMERGENCY PHONE: (575) 18. TRANSPORTER (1); Acknowledgment (1)	1) 441-7330 of receipt of material	EMERGENCY PH		): Acknowle	edgment of re	ceipt of m	aterial	
T E	PRINTED/TYPED MAINED MICHAEL	lineral	PRINTED/TYPED		•		1 == 3		
R S	SIGNATURE	DATE 6/20	20:18 NATURE				(TE		
·		ADDRESS:				PHONE:			
D F	Lea Land, LLC	Mile	Marker 64, U.	•	•		575-88	7-4048	
I A	PERMIT NO.	30 N	Ailes East of Ca	arisbad, 1	ININI				
S C P I O L	WM-01-035 - New Mex		20. COMMENTS					1	
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION: 1 Hereby o	ertify that the above d	lescribed wa	astes were de	elivered to thi	s facility, t	hat the	
L Y	AUTH RIZED SIGNATURE	Λ	CELL NO.	DATE TIME				ИЕ	
	Vanto Vano	aliz.			8	/20/2046 /	1	0.20	

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

	1300 WEST MAIN ST		ND, LLC A CITY, OK 73106 • 1	PHONE (405	5) 236-4257	Oar	rant	70		
NON	N-HAZARDOUS WASTE MANIF	TEST NO	114814	1. PAGE	OF	2. TRAIL	ER NO.	107		
G.,	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 686-3705	4. ADDRESS 5509 Champ CITY Midland	ion Dr. STATE TX.	ZII 7970	6. TNF	K-UP DATE /21/2016 RCC I.D. NO				
E,	7. NAME OR DESCRIPTION OF WASTE SHIPPE			8. CONTA	INERS	9. TOTAL UANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #		
N	a.Non-Regulated, Non Hazardous Was b.	te		1	CM		y <b>Y</b> :			
E	c.									
R										
A	12. COMMENTS OR SPECIAL INSTRUCTIONS:  ENDURANCE 25 FED SWD # 2  TOTAL P. 75800									
T IN CASE OF EMERGENCY OR SPILL, CONTACT PHONE NO 24-HOUR EMERGENCY KIN-SLAUGHTER 575-887-4048										
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, and international and national government regulations, in	I Hereby declare that d labeled, and are in al	l respects in proper co	ndition for tr	ansport by	highway acc	ording to ar	mlicable		
R	PRINTED/TYPED NAME	SIGNATURE					DATE			
T R A N S P	16. TRANSPORTER (1)  NAME: SDR ENTERPRISE  TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTACT:  EMERGENCY PHONE: (575)	LLC SHANNON	17.  NAME:  TEXAS I.D. NO.  IN CASE OF EME  EMERGENCY PH	RGENCY C	NSPOR:	ΓER (2)				
R T E R	18. TRANSPORTER (1): Acknowledgment of PRINTED/TYPED NAME (1)	of receipt of material	19. <b>TRANSPOI</b> PRINTED/TYPED	RTER (2) NAME						
	SIGNATURE -		<b>20:16</b> NATURE				ATE			
D F I A	Lea Land, LLC		: Marker 64, U. Iiles East of Ca	•		PHONE:	575-88	7-4048		
S C P I D L	PERMIT NO. WM-01-035 - New Mex	ico	20. COMMENTS							
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ertify that the above d	lescribed was	stes were de	elivered to th	is facility, t	hat the			
L Y	AUTHORIZED SIGNATURE	000	CELL NO.	-	DATE	/21/2016	9	125		

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

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										
N-HAZARDOUS WASTE MANIF	EST	NO	11	4815	1. PA	GE	OF_	2. TRAII	ER NO.	127
3. COMPANY NAME  E.O G Resources  PHONE NO.			mpion	Dr.				6/21/2016		<u> </u>
(432) 686-3705	Midk	and		TX.	79					
					8. CON No.			9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
<sup>a</sup> .Non-Regulated, Non Hazardous Was	te			-	1	CI	VI.		Y	
b. c.							$\mp$			
dwt: 44,400 45180 12. COMMENTS OR SPECIAL INSTRUCTIONS:	)							12 WASTED	POEILE N	
ENDURANCE 25 FED SWD #2 x	د.	TOK						15. WASTE FI	KOPILE IN	J.
14. IN CA	SE OF	EME	RGEN	CY OR SPII	L, CON	VTAC'	T	24 HOUR	EMEDGE	NOV NO
KIN SLAUGHTER			48					24-1100K	EWENGE	NCY NO.
Tompping name and are classified, packed, markett, and	a ianeien	and are i	in all recr	ንድሮ <u>የር ነ</u> በ ከየለክልተ ለለ	andition to	ner from men	ont by	u hiahunu aa		1:1-1-
PRINTED/TYPED NAME										DATE
16. TRANSPORTER (1)			17	7.	TR	ANSI	POR	RTER (2)		
	LLC		N/	AME:						
TEXAS I.D. NO.			TE	EXAS I.D. NO.						
IN CASE OF EMERGENCY CONTACT:	SH	ANNO	N I IN	CASE OF EMP	ERGENCY	CONT	TACT:	••		
O 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 NAMES (I): Acknowledgment of	LUS WAY	of materia			,	,		•	•	ıterial
	3. COMPANY NAME E.O G Resources PHONE NO. (432) 686-3705 7. NAME OR DESCRIPTION OF WASTE SHIPPE a.Non-Regulated, Non Hazardous Was b. c. d.WT:4400 45180 12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD # 2 14. IN CA NAME KHN SLAUGHTER 15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, and international and national government regulations, inc PRINTED/TYPED NAME  16. TRANSPORTER (1) NAME: SDR ENTERPRISE TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: (575 18. TRANSPORTER (1): Acknowledgment of	N-HAZARDOUS WASTE MANIFEST  3. COMPANY NAME  E.O G Resources PHONE NO.  (432) 686-3705  7. NAME OR DESCRIPTION OF WASTE SHIPPED:  a.Non-Regulated, Non Hazardous Waste  b.  c.  dwt : 4400 45180  12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD # 2  14. IN CASE OF NAME PHON KHN SLAUGHTER  575-4  15. GENERATOR'S CERTIFICATION: I Hereby shipping name and are classified, packed, marked, and labeled, international and national government regulations, including a PRINTED/TYPED NAME  16. TRANSPORTER (1)  NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SH EMERGENCY PHONE: (575) 441-7  18. TRANSPORTER (1): Acknowledgment of receipt of the content of t	1300 WEST MAIN STREET • OKLAH-  N-HAZARDOUS WASTE MANIFEST NO  3. COMPANY NAME E.O. G. Resources PHONE NO. (432) 686-3705  7. NAME OR DESCRIPTION OF WASTE SHIPPED:  a.Non-Regulated, Non Hazardous Waste b. c.  d.W.T.: 4400  12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD # 2  14. IN CASE OF EMEI NAME PHONE NO KIN SLAUGHTER  15. GENERATOR'S CERTIFICATION: I Hereby declare to shipping name and are classified, packed, marked, and labeled, and are international and national government regulations, including applicable PRINTED/TYPED NAME  16. TRANSPORTER (1) NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SHANNO EMERGENCY PHONE: (575) 441-7330  18. TRANSPORTER (1): Acknowledgment of receipt of materi	N-HAZARDOUS WASTE MANIFEST NO 11  3. COMPANY NAME	N-HAZARDOUS WASTE MANIFEST  NO 114815  3. COMPANY NAME E.O. G. Resources PHONE NO.  (432) 686-3705  7. NAME OR DESCRIPTION OF WASTE SHIPPED:  a.Non-Regulated, Non Hazardous Waste  b.  c.  d.  WT: 4400  12. COMMENT'S OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD #2  IN CASE OF EMERGENCY OR SPII  PHONE NO.  KIN: SLAUGHTER  15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this c shipping name and are classified, packed, marked, and labeled, and are in all respects in proper conternational and national government regulations, including applicable state regulations, and are printernational and national government regulations, including applicable state regulations, and are printernational and national government regulations.  16. TRANSPORTER (1)  NAME: SDR ENTERPRISE LLC  TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTACT: SHANNON IN CASE OF EMERGENCY PHONE:  EMERGENCY PHONE: (575) 441-7330 EMERGENCY PHONE:  EMERGENCY PHONE: (575) 441-7330 EMERGENCY PHONE:  IS. TRANSPORTER (1): Acknowledgment of receipt of material  19. TRANSPO	N-HAZARDOUS WASTE MANIFEST NO 114815 1. PA  3. COMPANY NAME E. O. G. Resources PHONE NO.  (432) 888-3705 5509 Champion Dr. CITY STATE Midland TX. 79  7. NAME OR DESCRIPTION OF WASTE SHIPPED: 8. CON No.  a.Non-Regulated, Non Hazardous Waste b.  c.  d. WT : 4 400 45180  12. COMMENTS OR SPECIAL INSTRUCTIONS: ENDURANCE 25 FED SWD # 2  14. IN CASE OF EMERGENCY OR SPILL, CON NAME PHONE NO KIN-SLAUGHTER 575-887-4048.  15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for international and national government regulations, including applicable state regulations, and are the same PRINTED/TYPED NAME  16. TRANSPORTER (1)  NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY PHONE: EMERGENCY PHONE: (575) 441-7330  EMERGENCY PHONE: (575) 441-7330  EMERGENCY PHONE: (575) 441-7330  EMERGENCY PHONE: (975) 441-7330  IN CASE OF EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330  IN CASE OF EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330  EMERGENCY PHONE: (975) 441-7330	N-HAZARDOUS WASTE MANIFEST NO 114815 I. PAGE  3. COMPANY NAME  E.O G Resources PHONE NO.  (432) 688-3705 Midland TX. 79708  7. NAME OR DESCRIPTION OF WASTE SHIPPED:  B. CONTAINE  C.  d. WT 4400 45180  12. 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F	Lea Land, LLC		Marker 64, U.S. Hwy	-	57	5-887-4048				
A		30 N	files East of Carlsbad,	NM						
C	PERMIT NO.		20. COMMENTS							
I L	WM-01-035 - New Mex									
I T	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION: I Hereby c	ertify that the above described w	astes were de	livered to this fa	cility, that the				
Y	AUTHORIZED SIGNATURE	Λ	CELL NO.	DATE		TIME				
_	Dantos Monzal	lee -		6/	21/2016	9:35				
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D I S P O S A L

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

NO	N-HAZARDOUS WASTE MANIF	TO COM		111000						+		
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G	3. COMPANY NAME	4. ADDR	ŒSS				5. PICK	-UP DATE				
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E	(432) 686-3705	70	706									
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D E	Lea Land, LLC		Mile	Marker 64, U.	S. Hw	y 62/	180,		575-883	7-4048		
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O L S I	21.DISPOSAL FACILITY'S CERTIFICA	ATION:	I Hereby c	ertify that the above d	escribed v	wastes v	vere del	ivered to thi	s facility, th	nat the		
A T	facility is authorized and permitted to receive such wa	istes.		•				10 1111				
LY	AUTHORIZED SIGNATURE	Λ		CELL NO.		T DA	ATE		TIM	ſE		
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MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

### LEA LAND, LLC

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NON	I-HAZARDOUS WASTE MANIF	EST NO	114848	1. PAG	E_OF_	2. TRAII	LER NO.	0011			
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G	E.O.G Resources	5509 Champ	ion Dr.			8/22/2016					
	PHONE NO.	CITY	STATE	7			)				
E	(432) 686-3705	Midland	TX.	79706							
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MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

	1300 WEST MAIN ST		ND, LLC MA CITY, OK 73106 •	PHONE (405	5) 236-425	57		17/0		
NO	N-HAZARDOUS WASTE MANIF	TEST NO	114849	1. PAGE	OF	2. TRAII	LER NO.	160		
G	3. COMPANY NAME  4. ADDRESS  5. PICK-UP DATE  5. PICK-UP DATE  5. PICK-UP DATE  6/22/2018  CITY STATE ZIP 6. TNRCC I.D. NO.									
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D F I A	Lea Land, LLC		Marker 64, U.S Iiles East of Ca	•	_	PHONE:	575-887	7-4048		
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S I A T L Y	21.DISPOSAL FACILITY'S CERTIFICATE facility is authorized and permitted to receive such was	ATION: I Hereby constes.	ertify that the above de	escribed waste	es were de	livered to this	s facility, th	at the		
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GENER	ATOR: COPIES 1 & 6	DISPOSAL SITE	: COPIES 2 & 3			TRANSPO	RTERS: C	OPIES 4 & 5		

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

	1300 WEST MAIN S		AND, LLC MA CITY, OK 73106 • 1	PHONE (	405) 236-4	4257	irro.	nza
NO	N-HAZARDOUS WASTE MANIE	FEST NO	114850	1. PA	.GEOF_	2. TRAI	LER NO.	177
G E	3. COMPANY NAME E.O G Resources PHONE NO. (432) 686-3705	4. ADDRESS 5509 Cham CITY Midland	pion Dr. STATE TX.			PICK-UP DATE 6/22/2018 TNRCC I.D. NO	3	
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MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

### LEA LAND, LLC

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NOI	N-HAZARDOUS WASTE MANIF		NO	114872	1. PA	GE	OF	2. TRAIL	er no. 🕇	*00Le
_	3. COMPANY NAME	4. ADDRI	ESS				5. PICK	-UP DATE		
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A	NAME: SDR ENTERPRISE	LLC		NAME:						
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		ADDRE	SS:					PHONE:		
	Lea Land, LLC		Mile	Marker 64, U.S	S. Hw	y 62/	180,		575-887	7-4048
DF IA			30 N	files East of Ca	rlsbad	, NM				
s C	PERMIT NO.			20. COMMENTS						
PΙ	WM-01-035 - New Mex	ico								
οц										
	21. DISPOSAL FACILITY'S CERTIFIC. facility is authorized and permitted to receive such w	ATION:	I Hereby c	ertify that the above de	escribed v	vastes	were deli	vered to thi	s facility, tl	hat the
T 1/2		rasics.								
L Y	AUTHORIZED SIGNATURE	Λ		CELL NO.		D.	ATE		TIM	íE
	Montal Mana	llin					~	0.0040	117	1'10
	V MI UIII V JUICI)	VVII		1			0/2	3/2016		<b>ルゼこ</b> ) 【

# 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

				111000			$\overline{}$					
NOI	N-HAZARDOUS WASTE MANIF	EST	NO	114998	1. PA	GEOF	2. TRAI	LER NO	DOL			
	3. COMPANY NAME	4. ADDI	RESS			5.	PICK-UP DATE					
G	E.O.G Resources	Champ	ion Dr		ļ;.	7/7/2016	Ê					
1	PHONE NO.	CITY		STATE		ZIP 6.	TNRCC I.D. NO	).	· · · · · · · · · · · · · · · · · · ·			
E	(432) 686-3705	Midla	nd	TX.	79	706						
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:		8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #				
N	<sup>a</sup> Non-Regulated, Non Hazardous Was			1	CM	1	, : Y					
	b.											
E	c.	<del></del>	-									
R	WT 4542D 44.31	1										
	12. COMMENTS OR SPECIAL INSTRUCTIONS:				<u> </u>	1	13. WASTE P	ROFILE N	0			
A	RHNU-108		-	a 297	RY		is. WASIET	KOI IEE IV	0.			
	14. IN CA	SE OF	FMFDC	ENCY OD SPIL	I COI	NTACT		· ·				
Т	IN CASE OF EMERGENCY OR SPILL, CONTACT PHONE NO											
1	KIN SLAUGHTER 575-887-4048											
О	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled.	and are in a	ll respects in proper co	ndition fo	or transport	by highway acc	ording to a	nnlicable			
_	PRINTED/TYPED NAME	·		SIGNATURE	<del> </del>		-		DATE			
R				DATE								
									100			
T R	16. TRANSPORTER (1)			17. TRANSPORTER (2)								
A	NAME: SDR ENTERPRISE	LLC		NAME:								
N	TEXAS I.D. NO.			TEVACIDNO								
S				TEXAS I.D. NO.								
P	IN CASE OF EMERGENCY CONTACT:	SHA	NON	IN CASE OF EME	RGENC'	Y CONTAC	CT:					
O R	EMERGENCY PHONE: (575	1441-7	330	EMERGENCY PH	ONE:							
T	18. TRANSPORTER (1): Acknowledgment of	f receipt of	of material	19. TRANSPO	RTER (	(2): Ackno	wledgment of r	eceipt of m	aterial			
E R	PRINTED/TYPED NAME 100 (	BN	ERO	PRINTED/TYPED	NAME.							
S	SIGNATURE SIGNATURE	DATE	7/7/	20si <b>g</b> nature				ATE				
		ADDR	FSS.	·			PHONE:					
	Lea Land, LLC	11221		Marker 64, U.	C Hur	v 62/18		575-88	7 4048			
D F	Lou Land, LLC			Ailes East of Ca		•	0,	3/3-00	/-4040			
I A	DEDMITNO		30 1		irisoau	i, INIVI			· · · · · · · · · · · · · · · · · · ·			
SC	PERMIT NO. 20. COMMENTS											
P I O L	WM-01-035 - New Mexico											
S I A T	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION astes.	: I Hereby o	ertify that the above d	escribed	wastes wer	e delivered to th	is facility, t	hat the			
L Y	AUTHORIZED SIGNATURE			CELL NO.		DATI						
	Monday Maria			CELE NO.		DAII			11			
	VIIIII VIVIZAVI	2.					7/7/20		45			
GENER'	ATOR: COPIES 1 & 6	DICE	OSAL SI	CO S 2 & 3			TRA					

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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

1 Defendance				<u> </u>					7		
NOI	N-HAZARDOUS WASTE MANIF	EST	NO 🧻	L14999	1. PA	.GEC	DF	2. TRAIL	ER NO. 7	£007	
	3. COMPANY NAME	4. ADDRE	ESS	111-11-11		5	. PICK	-UP DATE			
G	E.O.G Resources	5509	Champi	on Dr.			7/	7/2016			
	PHONE NO	CITY		STATE		ZIP 6	. TNRC	CC I.D. NO			
E	(432) 686-3705	Midland	Midland TX. 79706								
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:			8. CON	TAINER		TOTAL	10. UNIT Wt/Vol.	11. TEXAS	
N	aNon-Regulated, Non Hazardous Wast			No.	Type CM		ANIIII	₩ 17 VOI.	WASTE ID #		
	b. ,										
E	c.			<del></del>			+-				
	DAVI: DADI DO OCAL	n					-				
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	·L()_					12	WA OTE D	DOELL E M		
A	RHNU 106			111	20		13.	WASTE P	KOFILE NO	J.	
A			$I(\alpha)$	44,0	X()	-				The state of the s	
	14. IN CA			ENCY OR SPIL	L, CO	NTAC'					
Т		NAME PHONE NO 24-HOUR EMERGENCY NO.									
	KIN SLAUGHTER	575-88									
О	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,								pplicable		
R	PRINTED/TYPED NAME			SIGNATURE						DATE	
T R	16. TRANSPORTER (1)			17.	TF	RANSP	ORT	ER (2)			
A	NAME: SDR ENTERPRISE	NAME:									
N	TEXAS I.D. NO.			TEXAS I.D. NO.							
S				I EAAS I.D. NO.							
P	IN CASE OF EMERGENCY CONTACT:	SHA	NON	IN CASE OF EME	E OF EMERGENCY CONTACT:						
0	EMERGENCY PHONE: (575	EMERGENCY PHONE:									
R T	18. TRANSPORTER (1): Acknowledgment of	of receipt of	material	19. TRANSPOI	RTER (	( <b>2):</b> Ack	nowled	gment of re	eceipt of m	aterial	
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R S	PRINTED/TYPED NAME 1 5200 G SIGNATURA IS AC TO GARCIE		7/7/	2 <b>016</b> nature				D	ATE		
				COSIGNATORE					AIE		
	1 1 1 1 1 1 1 1	ADDRE						PHONE:			
D E	Leà Land, LLC		Mile	Marker 64, U.	S. Hw	y 62/1	80,		575-88	7-4048	
D F I A			30 M	files East of Ca	ırlsbad	l, NM					
s c	PERMIT NO.		i	20. COMMENTS							
P I O L	WM-01-035 - New Mex	WM-01-035 - New Mexico									
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION: vastes.	I Hereby co	ertify that the above d	escribed	wastes w	ere deli	ivered to th	is facility, t	hat the	
L Y	AUTHORIZED SIGNATURE			CELL NO.		DA	TE		TIN	ИE	
	Santa Innerla		٠ ،		7/	7/2016	l	1:10			
GENER	ATOR: COPIES 1 & 6	PDISPO	SAL SITE	: COPIES 2 & 3	-			TRANSPO	ORTERS: C	COPIES 4 & 5	