

APPROVED

By Olivia Yu at 1:48 pm, Mar 13, 2018

February 22, 2017

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 Ms. Yu and Ms. Tucker:

Re: Closure Request

Red Hills North Unit #106 (API #30-025-36310)

1RP-4320

EOG Resources, Inc.

Site Location: Sec. 1, T 25-S, R 33-E (Lat 32.1561°, Long -103.5304°)

Lea County, New Mexico

NMOCD grants closure to remediated sections for 1RP-4320. Due to the areas above 600 mg/kg in the vicinity of the high pressure

Reference No. 088210-28

unopen until pipeline is retrofit, abandoned, or inactive.

pipeline, 1RP-4320 will remain

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG) is requesting that no further action status be granted for the Red Hills North Unit #106 (hereafter referred to as the "Site").

In an Assessment Report dated December 2, 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 location indicated on Figure 2 in the attached Assessment Summary report.
- 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.

The work scope was approved by Mr. Thomas Oberding with the New Mexico Oil Conservation Division on January 3, 2017. The United States Bureau of Land Management approved the report on December 16, 2016. As of the date of this letter, the above scope items have been completed, with the exception of the reseeding, and are documented in the attached completion photos and final C-141 for the Site; therefore, No Further Action is being requested. The reseeding will be done in May 2017 and GHD will notify you when it is completed.

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

088210-28-Closure Request 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

* Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011
abmit 1 Copy to appropriate District Office in

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.

			Rel	ease Notific	eation	and Co	rrective A	ction	1				
	-					OPERA			☐ Initi	al Report	\boxtimes	Final Report	
		OG Resourc				Contact: Za		22					
		ions Drive, ills North Ui		1X 79706			No.: 432-425-20 e: Water Injecti		11				
			1111100	M:									
Surface Ow	ner: BLM			Mineral C)wner:]	BTM			APINO	No.: 30-023-30310			
		Γ=				OF RE				I a			
Unit Letter NWSW	Section 1	Township 25S	Range 33E	Feet from the 1403'	North/ S	South Line	Feet from the 1314'	East/\ W	West Line	County Lea			
		La	titude	32.1561		Longitude103.5304							
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	By Whom? NA Was a Watercourse Reached?						lour						
Was a Water	☐ Yes ☒ No					If YES, Vo	lume Impacting t	he Wat	ercourse.				
NA Describe Cau	If a Watercourse was Impacted, Describe Fully.* NA Describe Cause of Problem and Remedial Action Taken.* 4" water transfer poly line failed from possible strike by vehicle. Released approximately 130 bbls. Release occurred in pipeline ROW. One call was												
placed and in	itial delinea	and Cleanup A	nt began	on 6-27-16.	Celeased	арргохипас	IY 130 bbis. Refer	ise occi	irred iii pip	enne kow	One ca	an was	
The release o	ccurred wit	hin the pipelir	e ROW.	Approximately 2,7 below ground sur									
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Printed Name	2 Zur	e Kurt	7.			Approved by	Environmental Sp	pecialis	t:				
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Date: 2	-24-1	/	Phone:	450- 425 30	ンよく								



- Liner placement Photo 1



Photo 2 - Liner placement



Site Photographs



Backfilled excavation, wheel compacted, re-seeded Photo 3



Backfilled excavation, wheel compacted Photo 4



Site Photographs



December 2, 2016

Reference No. 088210-28

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

Red Hills North Unit #106 (API #30-025-36310)

1RP-4320

EOG Resources, Inc.

Site Location: Unit NWSW, Sec. 1, T 25-S, R 33-E

(Lat 32.1561°, Long -103.5304°)

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 Red Hills North Unit #106 (hereafter referred to as the "Site"), from June 27, 2016 through August 30, 2016 by GHD. The Site is located within Unit NWSW, Section 1, Township 25 South, Range 33 East, in Lea County, New Mexico (Figure 1).

The Site is an active well site approximately 20 miles west of Jal, New Mexico. According to EOG personnel, a release of approximately 130 barrels (bbls) of produced water occurred when a 4 inch poly line failed due to possible vehicle strike. Approximately 100 bbls was recovered. The release was discovered on June 26, 2016. A C-141 Form was submitted to the New Mexico Oil Conservation Division (NMOCD) on June 27, 2016 and remediation permit (RP) number 1RP-4320 was assigned.

Initial soil sampling of the release area was performed by GHD on June 27, 2016. Two of three soil samples collected by GHD returned chloride concentrations in soil exceeding the 500 mg/kg the Recommended Remediation Action Limit (RRAL) for chloride. Soil samples were analyzed by Xenco Laboratories (Xenco) of Midland, Texas. Subsequent soil sampling was performed by GHD beginning in July through August of 2016 and is discussed further in this report.

Introduction

A C-141 Form was submitted to the New Mexico Oil Conservation Division (NMOCD) and remediation permit (RP) number 1RP-4320 was assigned. Approximately 2,297 tons of impacted soil was removed and disposed of at the Lea Land LLC, east of Carlsbad, New Mexico (Lea Land).

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 3.2 miles north-northwest of the site, indicates groundwater at depth of approximately 209 feet below ground surface (bgs) in 1953. The next closest well with more recent water level indicates groundwater at depth of approximately 119 feet bgs in 2013 and is approximately 3.9 miles west of the site.

There do 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 0 (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), 5,000 mg/kg for total petroleum hydrocarbons (TPH), and 500 mg/kg for chlorides.

New Mexico Oil Conservation Division Site Assessment	
Ranking Criteria	Score
Depth to Ground Water (> 100 ft bgs)	0
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	0*
*Because the ranking criteria total score is 0, NMOCD established RRALs are 10 benzene, 50 mg/kg for total BTEX, 5,000 mg/kg for TPH¹, and 500 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 11, 2016. 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 in Appendix A.

The analytical data obtained from the soil samples collected by GHD on July 11 through July 13, 2016 indicated that the horizontal and vertical extents of petroleum hydrocarbon concentrations had been delineated to below RRALs. However, the horizontal and vertical extents of chloride concentrations in the impacted area exceeded RRALs (Figure 2 and 3).

Further soil sampling and excavation activities were performed by GHD between July 14 through August 30, 2016 to assess the horizontal and vertical extents of chloride concentrations in the soil in the impacted area. 60 additional soil samples were collected using a hand auger at depths from 2.0 ft to 8.0 ft bgs. The samples were submitted to Hall Environmental for analysis of chloride by EPA Method 300.

088210-28Kurtz-02 2

Laboratory analytical results indicate that chloride concentrations in several samples collected next to buried pipelines were above the RRAL for chloride. Excavation cannot continue under the pipelines. These areas will be further excavated when pipelines are removed. The remaining samples submitted were below the RRAL for chloride (Table 1).

A total of approximately 2,297 tons of impacted soil were excavated and transported to Lea Land for landfill disposal. Waste manifests are included as Appendix B.

After excavation was completed, five confirmation soil samples were collected on August 30, 2016 in the area of excavation. 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 the data, it appears that the vertical and horizontal extent of chloride has been fully 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 areas (see Figure 2 for the excavation area) 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

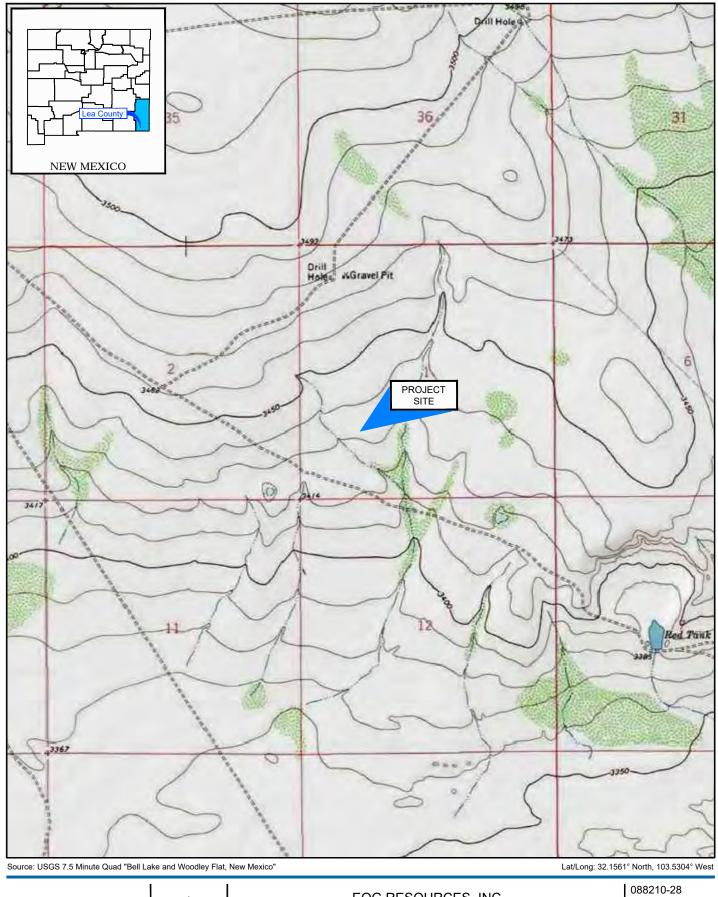
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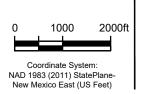
BB/mc/02

Bernard Bockisch Senior Project Manager

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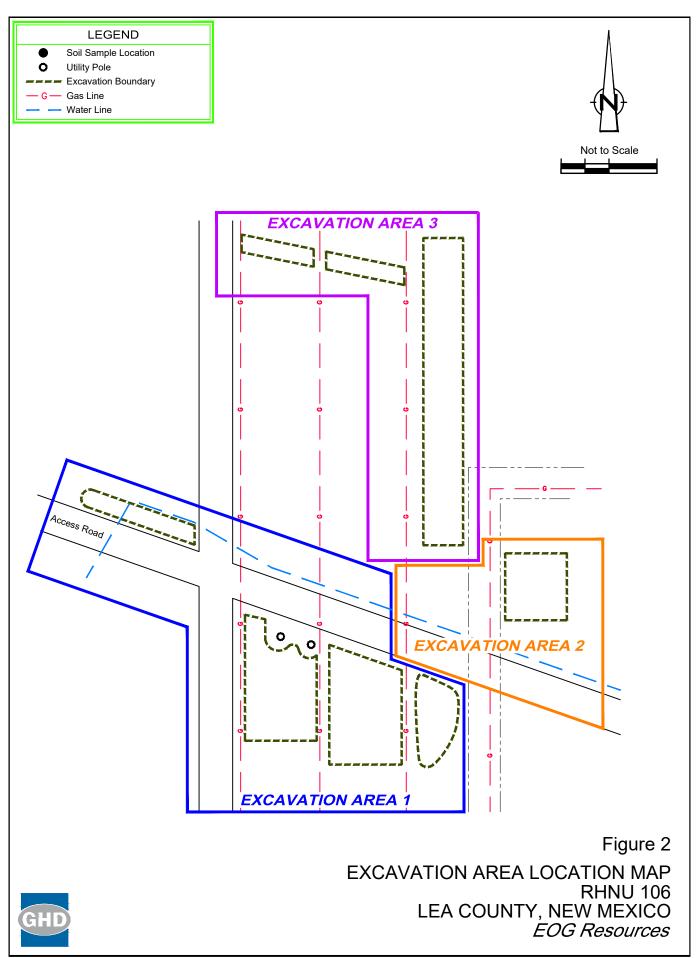


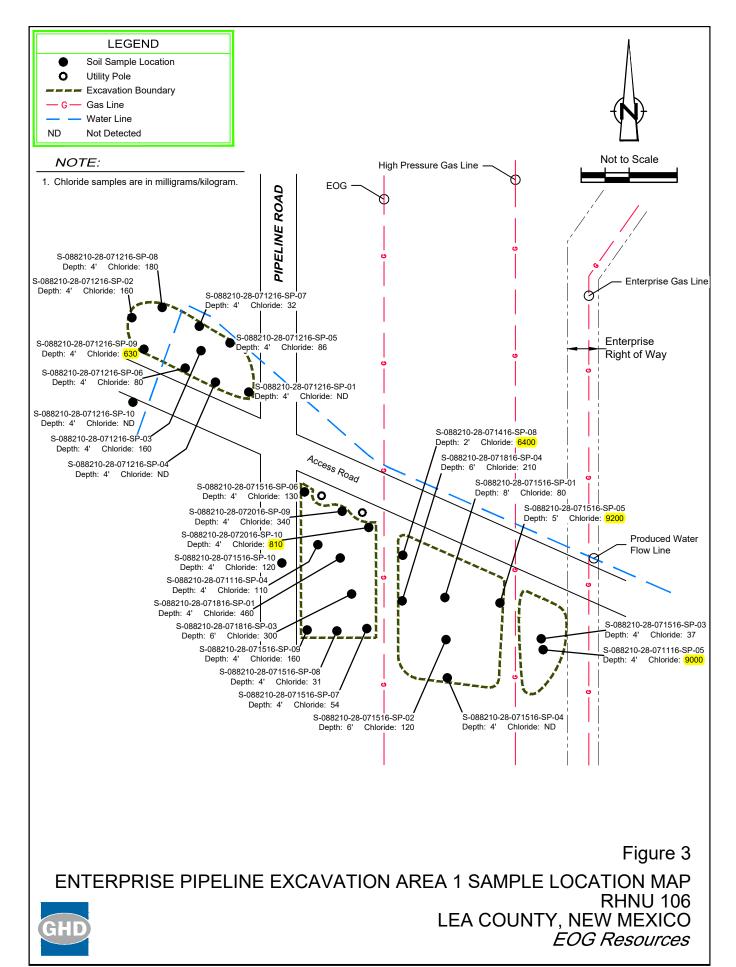
EOG RESOURCES, INC. LEA COUNTY, NEW MEXICO **RHNU 106**

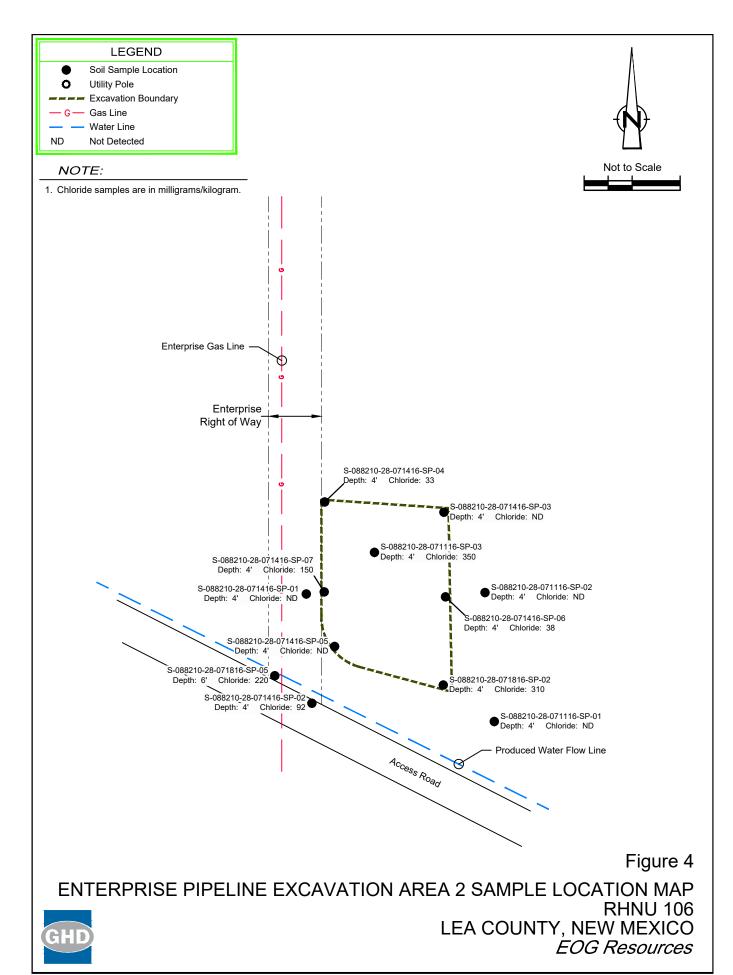
Jul 6, 2016

SITE LOCATION MAP

FIGURE 1







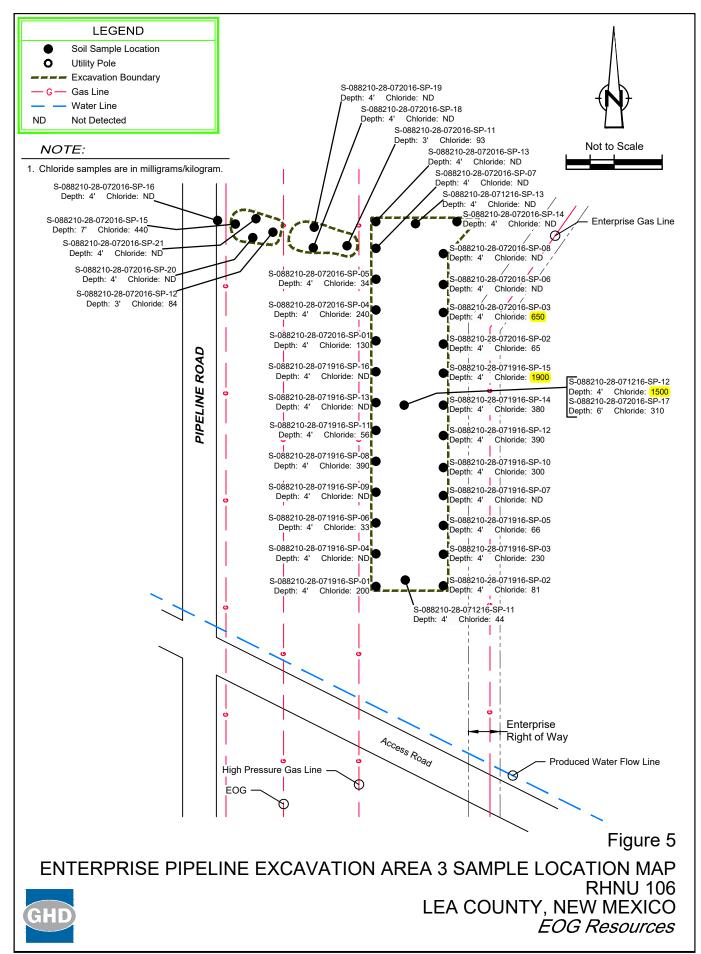




Table 1

RHNU 106 - Soil Analytical Data

Sample ID	Depth (ft. bgs)	Date	Benzene	Toluene	Ethylbenze ne	Xylenes	BTEX	TPH (GRO)	TPH (DRO)	Total TPH	Chloride
0-:14 40! 000740	1.0	07/00/0040	<0.00150	<0.00200	10.00000	0.00445	0.00445	-45.0	4.000	4 000	4 000
Soil-1-12"-062716	1.0	27/06/2016			<0.00200	0.00445		<15.0	1,000	1,000	4,080
Soil-2-16"-062716	1.3	27/06/2016	<0.00150	<0.00200	<0.00200	<0.00200	<0.00150	<15.0	<15.0	<15.0	6,770
Soil-3-20"-062716	1.7	27/06/2016	<0.00149	<0.00199	<0.00199	<0.00199	<0.00149	<15.0	26.0	26.0	208
S-088210-28-071116-SP-01	4.0	11/07/2016	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<9.7	<14.5	<30
S-088210-28-071116-SP-02	4.0	11/07/2016	< 0.024	<0.048	<0.048	< 0.096	<0.216	<4.8	<9.7	<14.5	<30
S-088210-28-071116-SP-03	4.0	11/07/2016	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.6	<14.6	350
S-088210-28-071116-SP-04	4.0	11/07/2016	<0.024	<0.047	<0.047	<0.095	<0.213	<4.7	<9.6	<14.3	110
S-088210-28-071116-SP-05	4.0	11/07/2016	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	22	22	9,000
S-088210-28-071216-SP-01	4.0	12/07/2016	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.8	<14.8	<30
S-088210-28-071216-SP-02	4.0	12/07/2016	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.8	<14.6	160
S-088210-28-071216-SP-03	4.0	12/07/2016	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.4	<14.3	160
S-088210-28-071216-SP-04	4.0	12/07/2016	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.3	<14.3	<30
S-088210-28-071216-SP-05	4.0	12/07/2016	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.8	<14.6	86
S-088210-28-071216-SP-06	4.0	12/07/2016	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<10	<14.9	80
S-088210-28-071216-SP-07	4.0	12/07/2016	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.1	<14.1	32
S-088210-28-071216-SP-08	4.0	12/07/2016	<0.023	<0.046	<0.046	<0.093	<0.208	<4.6	<9.6	<14.2	180
S-088210-28-071216-SP-09	4.0	12/07/2016	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.9	<14.8	630
S-088210-28-071216-SP-10	4.0	12/07/2016	<0.023	<0.046	<0.046	<0.092	<0.207	<4.6	<10	<14.6	<30
S-088210-28-071216-SP-11	4.0	12/07/2016	<0.023	<0.047	<0.047	<0.094	<0.211	<4.7	<9.8	<14.5	44
S-088210-28-071216-SP-12	4.0	12/07/2016	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<10	<14.8	1,500
S-088210-28-071216-SP-13	4.0	12/07/2016	<0.024	<0.049	<0.048	<0.098	<0.210	<4.9	<9.6	<14.5	<30
G-000210-20-071210-01-13	4.0	12/07/2010	10.024	10.043	10.043	40.030	10.220	44.5	٧٥.٥	114.5	-30
S-088210-28-071316-SP-01	3.0	13/07/2016	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.8	<14.7	390
S-088210-28-071316-SP-02	3.0	13/07/2016	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<10	<14.9	570
S-088210-28-071316-SP-03	2.0	13/07/2016	<0.023	< 0.047	<0.047	< 0.094	<0.211	<4.7	<9.8	<14.5	460
S-088210-28-071316-SP-04	2.0	13/07/2016	<0.024	<0.047	<0.047	<0.095	<0.213	<4.7	<10	<14.7	34
S-088210-28-071316-SP-05	3.0	13/07/2016	<0.025	< 0.049	<0.049	<0.099	<0.222	<4.9	140	140	1,600
S-088210-28-071316-SP-06	3.0	13/07/2016	<0.023	<0.046	<0.046	<0.092	<0.207	<4.6	<10	<14.6	37
S-088210-28-071316-SP-07	3.0	13/07/2016	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.8	<14.6	35
S-088210-28-071316-SP-08	3.0	13/07/2016	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<10	<15.0	<30
S-088210-28-071316-SP-09	3.0	13/07/2016	<0.023	<0.047	<0.047	<0.093	<0.210	<4.7	<9.3	<14.0	<30
S-088210-28-071316-SP-10	3.0	13/07/2016	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.9	<14.8	<30
S-088210-28-071316-SP-11	4.0	13/07/2016	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.3	<14.2	<30
S-088210-28-071316-SP-12	4.0	13/07/2016	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<9.9	<14.7	<30
S-088210-28-071416-SP-01	4.0	14/07/2016									<30
S-088210-28-071416-SP-02	4.0	14/07/2016									92
S-088210-28-071416-SP-03	4.0	14/07/2016									<30
S-088210-28-071416-SP-04	4.0	14/07/2016									33
S-088210-28-071416-SP-05	4.0	14/07/2016									<30
S-088210-28-071416-SP-06	4.0	14/07/2016									38
S-088210-28-071416-SP-07	4.0	14/07/2016									150
S-088210-28-071416-SP-08	2.0	14/07/2016									6,400
S-088210-28-071516-SP-01	8.0	15/07/2016									80
S-088210-28-071516-SP-02	6.0	15/07/2016									120
S-088210-28-071516-SP-03	4.0	15/07/2016									37
S-088210-28-071516-SP-04	4.0	15/07/2016									<30
S-088210-28-071516-SP-05	5.0	15/07/2016									9,200
S-088210-28-071516-SP-06	4.0	15/07/2016									130
S-088210-28-071516-SP-07	4.0	15/07/2016									54
S-088210-28-071516-SP-08	4.0	15/07/2016									31
S-088210-28-071516-SP-09	4.0	15/07/2016									160
											120

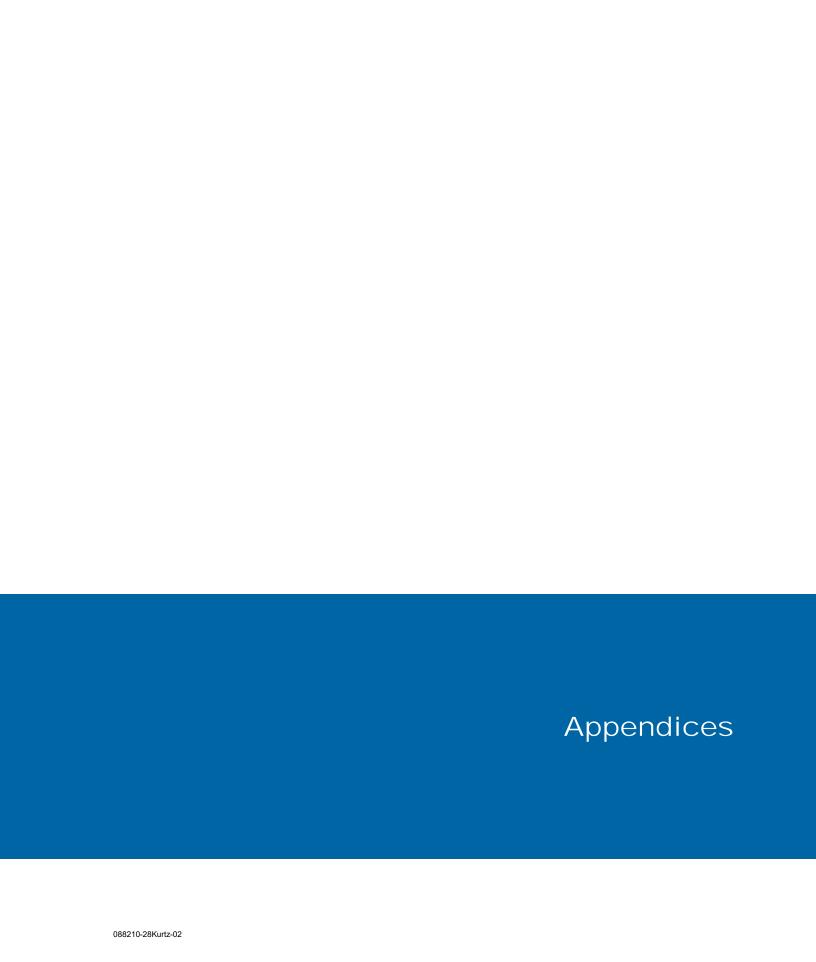
Table 1

RHNU 106 - Soil Analytical Data

Sample ID	Depth (ft. bgs)	Date	Benzene	Toluene	Ethylbenze ne	Xylenes	BTEX	TPH (GRO)	TPH (DRO)	Total TPH	Chloride
S-088210-28-071816-SP-01	4.0	18/07/2016									460
S-088210-28-071816-SP-02	4.0	18/07/2016									310
S-088210-28-071816-SP-03	6.0	18/07/2016									300
S-088210-28-071816-SP-04	6.0	18/07/2016									210
S-088210-28-071816-SP-05	4.0	18/07/2016									220
	4.0										
S-088210-28-071916-SP-01		19/07/2016									200
S-088210-28-071916-SP-02	4.0	19/07/2016									81
S-088210-28-071916-SP-03	4.0	19/07/2016									230
S-088210-28-071916-SP-04	4.0	19/07/2016									<30
S-088210-28-071916-SP-05	4.0	19/07/2016									66
S-088210-28-071916-SP-06	4.0	19/07/2016									33
S-088210-28-071916-SP-07	4.0	19/07/2016									<30
S-088210-28-071916-SP-08	4.0	19/07/2016									390
S-088210-28-071916-SP-09	4.0	19/07/2016									<30
S-088210-28-071916-SP-10	4.0	19/07/2016									300
S-088210-28-071916-SP-11	4.0	19/07/2016									56
S-088210-28-071916-SP-12	4.0	19/07/2016									390
S-088210-28-071916-SP-13	4.0	19/07/2016									<30
S-088210-28-071916-SP-14	4.0	19/07/2016									380
S-088210-28-071916-SP-15	4.0	19/07/2016									1,900
S-088210-28-071916-SP-16	4.0	19/07/2016									<30
	- 1.0										
S-088210-28-072016-SP-01	4.0	20/07/2016									130
S-088210-28-072016-SP-02	4.0	20/07/2016									65
S-088210-28-072016-SP-03	4.0	20/07/2016									650
S-088210-28-072016-SP-04	4.0	20/07/2016									240
S-088210-28-072016-SP-05	4.0	20/07/2016									34
S-088210-28-072016-SP-06	4.0	20/07/2016									<30
S-088210-28-072016-SP-07	4.0	20/07/2016									<30
S-088210-28-072016-SP-08	4.0	20/07/2016									<30
S-088210-28-072016-SP-09	4.0	20/07/2016									340
S-088210-28-072016-SP-10	4.0	20/07/2016									810
S-088210-28-072016-SP-11	3.0	20/07/2016									93
S-088210-28-072016-SP-12	3.0	20/07/2016									84
S-088210-28-072016-SP-13	4.0	20/07/2016									<30
S-088210-28-072016-SP-14	4.0	20/07/2016									<30
S-088210-28-072016-SP-15	7.0	20/07/2016									440
S-088210-28-072016-SP-16	4.0	20/07/2016									<30
S-088210-28-072016-SP-17	6.0	20/07/2016									310
S-088210-28-072016-SP-18	4.0	20/07/2016									<30
S-088210-28-072016-SP-19	4.0	20/07/2016									<30
S-088210-28-072016-SP-20	4.0	20/07/2016									<30
S-088210-28-072016-SP-21	4.0	20/07/2016									<30
S-088210-28-072016-SP-Pile 1	stockpile	20/07/2016									4,000
S-088210-28-072016-SP-Pile 2	stockpile	20/07/2016									1,100
S-088210-28-072016-SP-Pile 3	stockpile	20/07/2016									360
S-088210-28-072010-SF-Pile 4	stockpile	20/07/2016									1,300
C 000210-20-072010-01 -FIIE 4	Stockpile	20/01/2010									1,000
S-088210-28-083016-SP-01	5.0	30/08/2016									180
S-088210-28-083016-SP-02	7.0	30/08/2016									79
S-088210-28-083016-SP-03	5.0	30/08/2016									63
S-088210-28-083016-SP-04	5.0	30/08/2016									51
S-088210-28-083016-SP-05	5.0	30/08/2016									100
	<u> </u>								L		
Recommended Remediation Action Limits			10		Total B	TEX: 50		Tota	al TPH: 5,000		500

Notes:

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





for

GHD Services, INC- Midland

Project Manager: Bernie Bockisch

RHNU 106

088210

07-JUL-16

Collected By: Client





1211 W. Florida Ave, Midland TX 79701

Xenco-Houston (EPA Lab code: TX00122): Texas (T104704215), Arizona (AZ0765), Florida (E871002), Louisiana (03054) Oklahoma (9218)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295) Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400)

Xenco-San Antonio: Texas (T104704534)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757) Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)





07-JUL-16

Project Manager: **Bernie Bockisch GHD Services, INC- Midland**2135 S Loop 250 W
Midland, TX 79703

Reference: XENCO Report No(s): 532398

RHNU 106

Project Address: Jal, NM

Bernie Bockisch:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 532398. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 532398 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Julian Martinez

Odessa Laboratory Director

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Sample Cross Reference 532398



$GHD\ Services,\ INC\mbox{-}\ Midland,\ Midland,\ TX$

RHNU 106

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Soil-1-12"-062716	S	06-27-16 12:00	- 12 ft	532398-001
Soil-2-16"-062716	S	06-27-16 12:30	- 16 ft	532398-002
Soil-3-20"-062716	S	06-27-16 13:00	- 20 ft	532398-003



CASE NARRATIVE



Client Name: GHD Services, INC- Midland

Project Name: RHNU 106

 Project ID:
 088210
 Report Date:
 07-JUL-16

 Work Order Number(s):
 532398
 Date Received:
 06/27/2016

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-997472 Inorganic Anions by EPA 300/300.1

Lab Sample ID 532690-002 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. WO in the analytical batch are: 532398,532595,532437

The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.



Certificate of Analytical Results 532398



GHD Services, INC- Midland, Midland, TX

RHNU 106

Date Received:06.27.16 16.50 Sample Id: Soil-1-12"-062716 Matrix: Soil

Lab Sample Id: 532398-001 Date Collected: 06.27.16 12.00 Sample Depth: 12 ft

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: MNR % Moisture:

Basis:

Analyst: MNR Date Prep: 07.01.16 18.00 Wet Weight

Seq Number: 997472

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	4080	500	mg/kg	07.06.16 15.21		50

Analytical Method: TPH by SW 8015B

Prep Method: TX1005P

% Moisture:

% Moisture:

Wet Weight

Basis:

ARMTech: ARM

Analyst:

06.28.16 11.00 Basis: Date Prep:

Wet Weight

Seq Number: 997172

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
C6-C10 Gasoline Range Hydrocarbons	C6C10GRO	ND	15.0		mg/kg	06.28.16 16.39	U	1
C10-C28 Diesel Range Hydrocarbons	C10C28DRO	1000	15.0		mg/kg	06.28.16 16.39		1
Total TPH	PHC635	1000	15.0		mg/kg	06.28.16 16.39		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	99	%	70-135	06.28.16 16.39		
o-Terphenyl		84-15-1	123	%	70-135	06.28.16 16.39		

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: PJB

Analyst:

06.29.16 16.30 Date Prep:

Seq Number: 997365

PJB

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	ND	0.00150		mg/kg	06.30.16 16.20	U	1
Toluene	108-88-3	ND	0.00200		mg/kg	06.30.16 16.20	U	1
Ethylbenzene	100-41-4	ND	0.00200		mg/kg	06.30.16 16.20	U	1
m,p-Xylenes	179601-23-1	0.00445	0.00200		mg/kg	06.30.16 16.20		1
o-Xylene	95-47-6	ND	0.00299		mg/kg	06.30.16 16.20	U	1
Total Xylenes	1330-20-7	0.00445	0.00200		mg/kg	06.30.16 16.20		1
Total BTEX		0.00445	0.00150		mg/kg	06.30.16 16.20		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	93	%	80-120	06.30.16 16.20		
4-Bromofluorobenzene		460-00-4	98	%	80-120	06.30.16 16.20		



Certificate of Analytical Results 532398



GHD Services, INC- Midland, Midland, TX

RHNU 106

07.01.16 18.00

Sample Id: Soil-2-16"-062716 Matrix: Soil Date Received:06.27.16 16.50

Date Prep:

Lab Sample Id: 532398-002 Date Collected: 06.27.16 12.30 Sample Depth: 16 ft

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: MNR

% Moisture:

Analyst: MNR

Basis: Wet Weight

Seq Number: 997472

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	6770	500	mg/kg	07.06.16 15.28		50

Analytical Method: TPH by SW 8015B

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARM ARM

Date Prep: 06.28.16 11.00

Basis: Wet Weight

Prep Method: SW5030B

Seq Number: 997172

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
C6-C10 Gasoline Range Hydrocarbons	C6C10GRO	ND	15.0		mg/kg	06.28.16 17.02	U	1
C10-C28 Diesel Range Hydrocarbons	C10C28DRO	ND	15.0		mg/kg	06.28.16 17.02	U	1
Total TPH	PHC635	ND	15.0		mg/kg	06.28.16 17.02	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	102	%	70-135	06.28.16 17.02		
o-Terphenyl		84-15-1	96	%	70-135	06.28.16 17.02		

Analytical Method: BTEX by EPA 8021B

Tech: PJB % Moisture:

Analyst: PJB Date Prep: 06.29.16 16.30 Basis: Wet Weight

Seq Number: 997365

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	ND	0.00150		mg/kg	06.30.16 16.36	U	1
Toluene	108-88-3	ND	0.00200		mg/kg	06.30.16 16.36	U	1
Ethylbenzene	100-41-4	ND	0.00200		mg/kg	06.30.16 16.36	U	1
m,p-Xylenes	179601-23-1	ND	0.00200		mg/kg	06.30.16 16.36	U	1
o-Xylene	95-47-6	ND	0.00299		mg/kg	06.30.16 16.36	U	1
Total Xylenes	1330-20-7	ND	0.00200		mg/kg	06.30.16 16.36	U	1
Total BTEX		ND	0.00150		mg/kg	06.30.16 16.36	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	100	%	80-120	06.30.16 16.36		
4-Bromofluorobenzene		460-00-4	102	%	80-120	06.30.16 16.36		



Certificate of Analytical Results 532398



GHD Services, INC- Midland, Midland, TX

RHNU 106

Sample Id: Soil-3-20"-062716 Matrix: Soil Date Received:06.27.16 16.50

Lab Sample Id: 532398-003 Date Collected: 06.27.16 13.00 Sample Depth: 20 ft

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: MNR

% Moisture:

Basis:

Analyst: MNR

Date Prep: 07.01.16 18.00

Wet Weight

Seq Number: 997472

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	208	10.0	mg/kg	07.02.16 00.09		1

Analytical Method: TPH by SW 8015B

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARM ARM

Date Prep: 06.28.16 11.00

Basis: Wet Weight

Seq Number: 997172

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
C6-C10 Gasoline Range Hydrocarbons	C6C10GRO	ND	15.0		mg/kg	06.28.16 17.25	U	1
C10-C28 Diesel Range Hydrocarbons	C10C28DRO	26.0	15.0		mg/kg	06.28.16 17.25		1
Total TPH	PHC635	26.0	15.0		mg/kg	06.28.16 17.25		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	100	%	70-135	06.28.16 17.25		
o-Terphenyl		84-15-1	96	%	70-135	06.28.16 17.25		

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

% Moisture:

Tech: PJB

Analyst:

Date Prep: 06.29.16 16.30

Basis: Wet Weight

Seq Number: 997365

PJB

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	ND	0.00149		mg/kg	06.30.16 16.52	U	1
Toluene	108-88-3	ND	0.00199		mg/kg	06.30.16 16.52	U	1
Ethylbenzene	100-41-4	ND	0.00199		mg/kg	06.30.16 16.52	U	1
m,p-Xylenes	179601-23-1	ND	0.00199		mg/kg	06.30.16 16.52	U	1
o-Xylene	95-47-6	ND	0.00298		mg/kg	06.30.16 16.52	U	1
Total Xylenes	1330-20-7	ND	0.00199		mg/kg	06.30.16 16.52	U	1
Total BTEX		ND	0.00149		mg/kg	06.30.16 16.52	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	97	%	80-120	06.30.16 16.52		
4-Bromofluorobenzene		460-00-4	97	%	80-120	06.30.16 16.52		



QC Summary 532398



GHD Services, INC- Midland

RHNU 106

Analytical Method: Inorganic Anions by EPA 300/300.1

997472

Matrix: Solid

Date Prep: 07.01.16

MB Sample Id: 710609-1-BLK LCS Sample Id: 710609-1-BKS

LCSD Sample Id: 710609-1-BSD

Parameter

Seq Number:

MB Spike

Prep Method:

Analysis

Result Amount

LCS LCS Result %Rec

Limits LCSD LCSD %Rec

%RPD

RPD Units Limit

Flag Date

Chloride

<10.0

Result

177

235

Result 232

93 90-110

20 mg/kg 07.01.16 22:20

Analytical Method: Inorganic Anions by EPA 300/300.1

Matrix: Soil

94

Prep Method:

E300P 07.01.16

E300P

Parent Sample Id:

997472 532595-002

MD Sample Id: 532595-002 D

RPD Units

Date Prep:

Analysis

Seq Number:

%RPD Limit

156

Date

Flag F

Parameter

Chloride

Parent

MD Result

1450

20

07.02.16 00:32

Analytical Method: Inorganic Anions by EPA 300/300.1

997472

Matrix: Soil

250

Prep Method: E300P

Date Prep: 07.01.16

mg/kg

mg/kg

Parent Sample Id:

532690-002

MD Sample Id: 532690-002 D

Analysis Flag

Parameter

Seq Number:

Parent

MD Result %RPD **RPD** Limit

2

Units

Date

Chloride

879

Result

Parent

Result

177

896

20

07.01.16 22:43

Analytical Method: Inorganic Anions by EPA 300/300.1

Matrix: Soil

%Rec

90

E300P Prep Method:

Date Prep:

07.01.16

Seq Number: Parent Sample Id: 997472

Result

1300

MS Sample Id: 532595-002 S

Units

mg/kg

Parameter

Chloride

532595-002

Spike Amount

1250

MS MS

Limits

80-120

Prep Method:

Date Prep:

Analysis

Flag Date 07.02.16 00:40

Analytical Method: Inorganic Anions by EPA 300/300.1

Matrix: Soil

E300P

07.01.16

Seq Number: Parent Sample Id:

532690-002

997472

MS Sample Id: 532690-002 S

Units

Analysis Flag

Parameter Chloride

Parent Result

879

Spike Amount

2500

MS Result 3290

MS %Rec 96 Limits 80-120

mg/kg

Date 07.01.16 22:51



QC Summary 532398



Flag

Flag

TX1005P

GHD Services, INC- Midland

RHNU 106

Analytical Method: TPH by SW 8015B Prep Method:

Seq Number: 997172 Matrix: Solid Date Prep: 06.28.16

MB Sample Id: 710459-1-BLK LCS Sample Id: 710459-1-BKS LCSD Sample Id: 710459-1-BSD

%RPD MB Spike LCS LCS Limits **RPD** LCSD LCSD Units Analysis Flag **Parameter** Result Limit Date Result Amount %Rec %Rec Result C6-C10 Gasoline Range Hydrocarbons 70-135 06.28.16 13:56 <15.0 1000 966 97 903 90 7 35 mg/kg

C10-C28 Diesel Range Hydrocarbons <15.0 1000 997 100 962 96 70-135 4 35 mg/kg 06.28.16 13:56

MB MB LCS LCS LCSD LCSD Limits Units Analysis **Surrogate** Flag %Rec %Rec Flag %Rec Flag Date 1-Chlorooctane 110 123 117 70-135 % 06.28.16 13:56 o-Terphenyl 104 124 119 70-135 % 06.28.16 13:56

Analytical Method: TPH by SW 8015B Prep Method: TX1005P

 Seq Number:
 997172
 Matrix:
 Soil
 Date Prep:
 06.28.16

 Parent Sample Id:
 532336-006
 MS Sample Id:
 532336-006 S
 MSD Sample Id:
 532336-006 SD

MS MS %RPD RPD Units Parent Spike Limits Analysis **MSD MSD Parameter** Result Amount Result %Rec Result %Rec Limit Date C6-C10 Gasoline Range Hydrocarbons 213 999 1040 83 1060 70-135 2 35 06.28.16 15:06 85 mg/kg C10-C28 Diesel Range Hydrocarbons 06.28.16 15:06 22.0 999 972 95 966 70-135 1 35 94 mg/kg

MS MS **MSD MSD** Limits Units Analysis Surrogate %Rec Flag Flag Date %Rec 127 122 70-135 06.28.16 15:06 1-Chlorooctane % o-Terphenyl 115 110 70-135 % 06.28.16 15:06

Analytical Method:BTEX by EPA 8021BPrep Method:SW5030BSeq Number:997365Matrix: SolidDate Prep:06.29.16

Matrix: Solid Date Prep: 06.29.16

MB Sample Id: 710521-1-BLK LCS Sample Id: 710521-1-BSD

%RPD RPD LCS LCS Units MB Spike Limits Analysis LCSD LCSD **Parameter** Result Amount Result %Rec %Rec Limit Date Result 06.29.16 16:56 Benzene < 0.00150 0.100 0.105 105 0.100 70-130 5 35 100 mg/kg 0.102 102 0.0977 70-130 35 06.29.16 16:56 Toluene < 0.00200 0.100 98 4 mg/kg Ethylbenzene 0.108 108 103 35 06.29.16 16:56 < 0.00200 0.100 0.103 71-129 5 mg/kg 06.29.16 16:56 m,p-Xylenes 0.200 0.221 111 0.212 106 70-135 35 < 0.00200 4 mg/kg o-Xylene < 0.00300 0.100 0.108 108 0.105 105 71-133 3 35 mg/kg 06.29.16 16:56

MB LCS LCS LCSD Units Analysis MB LCSD Limits **Surrogate** %Rec Flag Date %Rec Flag %Rec Flag 1,4-Difluorobenzene 101 102 103 80-120 % 06.29.16 16:56 4-Bromofluorobenzene 101 105 104 80-120 06.29.16 16:56 %



QC Summary 532398



GHD Services, INC- MidlandRHNU 106

Analytical Method:BTEX by EPA 8021BPrep Method:SW5030BSeq Number:997365Matrix:SoilDate Prep:06.29.16

Parent Sample Id: 532377-044 S MSD Sample Id: 532377-044 SD

i dient bumpie id.	332311 044							r							
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag			
Benzene	< 0.00176	0.117	0.126	108	0.105	89	70-130	18	35	mg/kg	06.29.16 17:28				
Toluene	< 0.00235	0.117	0.122	104	0.103	87	70-130	17	35	mg/kg	06.29.16 17:28				
Ethylbenzene	< 0.00235	0.117	0.130	111	0.108	92	71-129	18	35	mg/kg	06.29.16 17:28				
m,p-Xylenes	< 0.00235	0.235	0.267	114	0.221	94	70-135	19	35	mg/kg	06.29.16 17:28				
o-Xylene	< 0.00352	0.117	0.131	112	0.108	92	71-133	19	35	mg/kg	06.29.16 17:28				
Surrogate				AS Rec	MS Flag	MSD %Re			imits	Units	Analysis Date				
1,4-Difluorobenzene			1	04		89		80)-120	%	06.29.16 17:28				
4-Bromofluorobenzene			1	05		90		80)-120	%	06.29.16 17:28				



Flagging Criteria



- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- ** Surrogate recovered outside laboratory control limit.
- BRL Below Reporting Limit.
- **RL** Reporting Limit

MDL Method Detection Limit SDL Sample Detection Limit LOD Limit of Detection

PQL Practical Quantitation Limit MQL Method Quantitation Limit LOQ Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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Lakeland, Florida (863-646-8526)

Norcross, Georgia (770-449-8800)

Service Center - San Antonio, Texas (210-50	Service Center - San Antonio, Texas (210-509-3334)						Xenco Quote # Xenco Job # 532398																	
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Client / Reporting Information Company Name / Branch Company Address:	D	Project L	Name/Num	ject Info	rmation 08	82	10	K	241	ル	10	6		6		nyticai iin	orma	uon					Matrix (A= Air S = Soil/S	
2135 S. Loop 250W M	none No:	Invoice	JC1,	,NN	1						- No.		208	d									DW = Dri	
Company Address: 7135 S-Loop 250W M Email: Project Contact: Bernix Both Samplers's Name: Justy Mix	432-6366888	PO Number:						K EPPA	000	c) E300								SL = Slud	ste Water					
No. Field ID / Point of Collection	Sample	Collectio			# of		NaOH/Zn Z Acetate		H2SO4	4			ろ形	TON GREY	13								ww= was	ite vvater
1 5011-1-12"-062716	Depth	627-K	Time	Soil 1	bottles	Ī	Nac	로	H28	NaHSC	MEOH	NONE	X	F	, U	+						Fie	ld Commen	its
1 Soil-1-12"- 062716 2 Soil-2-16" - 062716 3 Soil-3-20" - 0627	1611		12:30	1	1								X	X	X							***************************************		
3 50:1-3-20"-062	16 20"	J	13:00	4	+			-			-	-	X	X	X									
5								+		+	-	+			-									
6																								
7								4															Total Control of the	
9						+		1	-	-														
10								+	1															
Turnaround Time (Business days)				Da	ta Delive	erable Ir	nformat	ion									Votes:			_			W ₁	
	Day TAT		Lev	el II Std	QC				Level I	V (Ful	I Data	a Pkg	/raw da	ita)										
Next Day EMERGENCY 7 D	ау ТАТ		Leve	el III Std	QC+ Fo	rms			TRRP I	Level	IV													
2 Day EMERGENCY Co	ntract TAT		Leve	el 3 (CLF	Forms)			UST / F	RG -41	1									Pillian .				
3 Day EMERGENCY			TRR	P Check	dist									-	and the terminal of the termin					tion (i)		AND DESCRIPTION OF THE PERSON		
TAT Starts Day received by Lab, if recei	ved by 3:00 pm	OCUMENT	D BELOW -	OII was		-0.5								***************************************		FED-E	X/UF	S: Tra	cking#	and the state of t				
Religioushed by Sampler:	Date Time:		Received F	By:	SAMPL	ES CHA	NGE P		ssion, elinqui			COU	RIER DE		Y ate Tim	e:		Receiv	ed By:				100	
Relinquished by:	Date Time:		Received E	Ву:				Re	elinqui	shed l	Ву:			E	ate Tim	e:	2 	2 Receive	ed By:					
Relinquished by:	Date Time:	Received By: 5 Gustody Seal # 5 Se order from client company to XENCO Laboratories and its affiliates, subcontractors and assigns and assigns and assigns are contacted to the company			P	reser	ved whe	re applica	able	1	On	ce	Cooler T	emp.	Thermo. Corr									
nce: Signature of this document and relinquishment of sample	s constitutes a valid purchas	e order from	client compan	y to XEN	CO Labor	atories a	and its a	affiliate	s, subc	ontract	ors an	id assig	ıns XEN	CO's s	tandard t	erms and co	onditio	ns of se	rvice yrite	ess previou	usly nC/F	rected	IR ID:F	K-8 15,4°C



XENCO Laboratories Prelogin/Nonconformance Report- Sample Log-In



Client: GHD Services, INC- Midland

Work Order #: 532398

Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient

Date/ Time Received: 06/27/2016 04:50:00 PM

Temperature Measuring device used: R8

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	15.4	
#2 *Shipping container in good condition?	N/A	
#3 *Samples received on ice?	Yes	chiling in progress
#4 *Custody Seal present on shipping container/ cooler?	N/A	
#5 *Custody Seals intact on shipping container/ cooler?	N/A	
#6 Custody Seals intact on sample bottles?	N/A	
#7 *Custody Seals Signed and dated?	N/A	
#8 *Chain of Custody present?	Yes	
#9 Sample instructions complete on Chain of Custody?	Yes	
#10 Any missing/extra samples?	No	
#11 Chain of Custody signed when relinquished/ received?	Yes	
#12 Chain of Custody agrees with sample label(s)?	Yes	
#13 Container label(s) legible and intact?	Yes	
#14 Sample matrix/ properties agree with Chain of Custody?	Yes	
#15 Samples in proper container/ bottle?	Yes	
#16 Samples properly preserved?	Yes	
#17 Sample container(s) intact?	Yes	
#18 Sufficient sample amount for indicated test(s)?	Yes	
#19 All samples received within hold time?	Yes	
#20 Subcontract of sample(s)?	No	
#21 VOC samples have zero headspace (less than 1/4 inch bubble)?	N/A	
#22 <2 for all samples preserved with HNO3,HCL, H2SO4? Except for samples for the analysis of HEM or HEM-SGT which are verified by the analysts.	N/A	
#23 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	N/A	

Must be completed for after-hours de	elivery of samples prior to placing	in the refrigerator					
alyst: PH Device/Lot#:							
Checklist completed by:	Mary alexo Negron Mary Negron	Date: 06/28/2016					
Checklist reviewed by:	Hung froah Kelsey Brooks	Date: <u>06/28/2016</u>					



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

July 27, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

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

FAX

RE: RHNU 106 OrderNo.: 1607693

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 18 sample(s) on 7/14/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data 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 **1607693**Date Reported: **7/27/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071116-SP-01

 Project:
 RHNU 106
 Collection Date: 7/11/2016 3:20:00 PM

 Lab ID:
 1607693-001
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LGT
Chloride	ND	30	mg/Kg	20	7/18/2016 2:18:20 PM	26467
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS	;			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	7/20/2016 4:42:17 PM	26443
Surr: DNOP	83.9	70-130	%Rec	1	7/20/2016 4:42:17 PM	26443
EPA METHOD 8015D: GASOLINE RA	ANGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/18/2016 1:18:24 PM	26423
Surr: BFB	98.7	80-120	%Rec	1	7/18/2016 1:18:24 PM	26423
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	7/18/2016 1:18:24 PM	26423
Toluene	ND	0.048	mg/Kg	1	7/18/2016 1:18:24 PM	26423
Ethylbenzene	ND	0.048	mg/Kg	1	7/18/2016 1:18:24 PM	26423
Xylenes, Total	ND	0.097	mg/Kg	1	7/18/2016 1:18:24 PM	26423
Surr: 4-Bromofluorobenzene	93.0	80-120	%Rec	1	7/18/2016 1:18:24 PM	26423

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 1 of 23 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 Sample container temperature is out of limit as specified % Recovery outside of range due to dilution or matrix

Lab Order **1607693**Date Reported: **7/27/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071116-SP-02

 Project:
 RHNU 106
 Collection Date: 7/11/2016 3:25:00 PM

 Lab ID:
 1607693-002
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	:: LGT
Chloride	ND	30	mg/Kg	20	7/18/2016 2:30:45 PM	26467
EPA METHOD 8015M/D: DIESEL RAM	NGE ORGANICS	;			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	7/20/2016 5:10:23 PM	26443
Surr: DNOP	77.2	70-130	%Rec	1	7/20/2016 5:10:23 PM	26443
EPA METHOD 8015D: GASOLINE RA	NGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/18/2016 2:29:11 PM	26423
Surr: BFB	99.4	80-120	%Rec	1	7/18/2016 2:29:11 PM	26423
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	7/18/2016 2:29:11 PM	26423
Toluene	ND	0.048	mg/Kg	1	7/18/2016 2:29:11 PM	26423
Ethylbenzene	ND	0.048	mg/Kg	1	7/18/2016 2:29:11 PM	26423
Xylenes, Total	ND	0.096	mg/Kg	1	7/18/2016 2:29:11 PM	26423
Surr: 4-Bromofluorobenzene	95.4	80-120	%Rec	1	7/18/2016 2:29:11 PM	26423

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 2 of 23 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 Sample container temperature is out of limit as specified % Recovery outside of range due to dilution or matrix

Lab Order **1607693**Date Reported: **7/27/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071116-SP-03

 Project:
 RHNU 106
 Collection Date: 7/11/2016 3:55:00 PM

 Lab ID:
 1607693-003
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL Qua	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LGT
Chloride	350	30	mg/Kg	20	7/18/2016 2:43:10 PM	26467
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS	}			Analyst	:: TOM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/20/2016 5:38:39 PM	26443
Surr: DNOP	80.6	70-130	%Rec	1	7/20/2016 5:38:39 PM	26443
EPA METHOD 8015D: GASOLINE RANG	Ε				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/18/2016 3:39:59 PM	26423
Surr: BFB	99.5	80-120	%Rec	1	7/18/2016 3:39:59 PM	26423
EPA METHOD 8021B: VOLATILES					Analyst	:: NSB
Benzene	ND	0.025	mg/Kg	1	7/18/2016 3:39:59 PM	26423
Toluene	ND	0.050	mg/Kg	1	7/18/2016 3:39:59 PM	26423
Ethylbenzene	ND	0.050	mg/Kg	1	7/18/2016 3:39:59 PM	26423
Xylenes, Total	ND	0.099	mg/Kg	1	7/18/2016 3:39:59 PM	26423
Surr: 4-Bromofluorobenzene	95.7	80-120	%Rec	1	7/18/2016 3:39:59 PM	26423

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 3 of 23
	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: 7/27/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071116-SP-04

 Project:
 RHNU 106
 Collection Date: 7/11/2016 4:00:00 PM

 Lab ID:
 1607693-004
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL Q	Qual \	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: LGT
Chloride	110	30		mg/Kg	20	7/18/2016 2:55:34 PM	26467
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/26/2016 2:52:03 PM	26595
Surr: DNOP	42.8	70-130	S	%Rec	1	7/26/2016 2:52:03 PM	26595
EPA METHOD 8015D: GASOLINE RANG	GE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/18/2016 4:03:36 PM	26423
Surr: BFB	100	80-120		%Rec	1	7/18/2016 4:03:36 PM	26423
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.024		mg/Kg	1	7/18/2016 4:03:36 PM	26423
Toluene	ND	0.047		mg/Kg	1	7/18/2016 4:03:36 PM	26423
Ethylbenzene	ND	0.047		mg/Kg	1	7/18/2016 4:03:36 PM	26423
Xylenes, Total	ND	0.095		mg/Kg	1	7/18/2016 4:03:36 PM	26423
Surr: 4-Bromofluorobenzene	96.4	80-120		%Rec	1	7/18/2016 4:03:36 PM	26423

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 23
	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

Lab Order **1607693**Date Reported: **7/27/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071116-SP-05

 Project:
 RHNU 106
 Collection Date: 7/11/2016 4:21:00 PM

 Lab ID:
 1607693-005
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: MRA
Chloride	9000	300	mg/Kg	200	7/20/2016 6:15:19 PM	26467
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS	;			Analyst	: TOM
Diesel Range Organics (DRO)	22	10	mg/Kg	1	7/21/2016 4:31:48 PM	26443
Surr: DNOP	76.0	70-130	%Rec	1	7/21/2016 4:31:48 PM	26443
EPA METHOD 8015D: GASOLINE RA	ANGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/18/2016 4:27:16 PM	26423
Surr: BFB	100	80-120	%Rec	1	7/18/2016 4:27:16 PM	26423
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	7/18/2016 4:27:16 PM	26423
Toluene	ND	0.049	mg/Kg	1	7/18/2016 4:27:16 PM	26423
Ethylbenzene	ND	0.049	mg/Kg	1	7/18/2016 4:27:16 PM	26423
Xylenes, Total	ND	0.097	mg/Kg	1	7/18/2016 4:27:16 PM	26423
Surr: 4-Bromofluorobenzene	94.3	80-120	%Rec	1	7/18/2016 4:27:16 PM	26423

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 5 of 23
	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: 7/27/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071216-SP-01

 Project:
 RHNU 106
 Collection Date: 7/12/2016 9:24:00 AM

 Lab ID:
 1607693-006
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	:: LGT
Chloride	ND	30	mg/Kg	20	7/18/2016 3:20:23 PM	26467
EPA METHOD 8015M/D: DIESEL RAM	NGE ORGANICS	;			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/21/2016 4:53:54 PM	26443
Surr: DNOP	77.4	70-130	%Rec	1	7/21/2016 4:53:54 PM	26443
EPA METHOD 8015D: GASOLINE RA	NGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/18/2016 4:50:50 PM	26423
Surr: BFB	99.9	80-120	%Rec	1	7/18/2016 4:50:50 PM	26423
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	7/18/2016 4:50:50 PM	26423
Toluene	ND	0.050	mg/Kg	1	7/18/2016 4:50:50 PM	26423
Ethylbenzene	ND	0.050	mg/Kg	1	7/18/2016 4:50:50 PM	26423
Xylenes, Total	ND	0.10	mg/Kg	1	7/18/2016 4:50:50 PM	26423
Surr: 4-Bromofluorobenzene	94.6	80-120	%Rec	1	7/18/2016 4:50:50 PM	26423

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 6 of 23 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 Sample container temperature is out of limit as specified % Recovery outside of range due to dilution or matrix

Date Reported: 7/27/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071216-SP-02

 Project:
 RHNU 106
 Collection Date: 7/12/2016 10:00:00 AM

 Lab ID:
 1607693-007
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL Q)ual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	:: LGT
Chloride	160	30		mg/Kg	20	7/18/2016 3:32:47 PM	26467
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS					Analyst	:: TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/26/2016 3:14:16 PM	26595
Surr: DNOP	55.6	70-130	S	%Rec	1	7/26/2016 3:14:16 PM	26595
EPA METHOD 8015D: GASOLINE RA	ANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/18/2016 5:14:21 PM	26423
Surr: BFB	100	80-120		%Rec	1	7/18/2016 5:14:21 PM	26423
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.024		mg/Kg	1	7/18/2016 5:14:21 PM	26423
Toluene	ND	0.048		mg/Kg	1	7/18/2016 5:14:21 PM	26423
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2016 5:14:21 PM	26423
Xylenes, Total	ND	0.096		mg/Kg	1	7/18/2016 5:14:21 PM	26423
Surr: 4-Bromofluorobenzene	92.8	80-120		%Rec	1	7/18/2016 5:14:21 PM	26423

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 7 of 23 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 Sample container temperature is out of limit as specified % Recovery outside of range due to dilution or matrix

Lab Order **1607693**Date Reported: **7/27/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071216-SP-03

 Project:
 RHNU 106
 Collection Date: 7/12/2016 10:41:00 AM

 Lab ID:
 1607693-008
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL Qua	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LGT
Chloride	160	30	mg/Kg	20	7/19/2016 11:38:57 PM	26483
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS	}			Analyst	: TOM
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	7/21/2016 5:38:16 PM	26443
Surr: DNOP	71.7	70-130	%Rec	1	7/21/2016 5:38:16 PM	26443
EPA METHOD 8015D: GASOLINE RANG	Ε				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/18/2016 5:37:57 PM	26423
Surr: BFB	101	80-120	%Rec	1	7/18/2016 5:37:57 PM	26423
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	7/18/2016 5:37:57 PM	26423
Toluene	ND	0.049	mg/Kg	1	7/18/2016 5:37:57 PM	26423
Ethylbenzene	ND	0.049	mg/Kg	1	7/18/2016 5:37:57 PM	26423
Xylenes, Total	ND	0.097	mg/Kg	1	7/18/2016 5:37:57 PM	26423
Surr: 4-Bromofluorobenzene	95.3	80-120	%Rec	1	7/18/2016 5:37:57 PM	26423

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 8 of 23
	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

Lab Order **1607693**Date Reported: **7/27/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071216-SP-04

 Project:
 RHNU 106
 Collection Date: 7/12/2016 12:10:00 PM

 Lab ID:
 1607693-009
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: LGT
Chloride	ND	30	mg/Kg	20	7/20/2016 12:16:11 A	M 26483
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	st: TOM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	7/21/2016 6:00:28 PM	26443
Surr: DNOP	74.7	70-130	%Rec	1	7/21/2016 6:00:28 PM	26443
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	st: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/18/2016 9:32:28 PM	26423
Surr: BFB	97.1	80-120	%Rec	1	7/18/2016 9:32:28 PM	26423
EPA METHOD 8021B: VOLATILES					Analys	st: NSB
Benzene	ND	0.025	mg/Kg	1	7/18/2016 9:32:28 PM	26423
Toluene	ND	0.050	mg/Kg	1	7/18/2016 9:32:28 PM	26423
Ethylbenzene	ND	0.050	mg/Kg	1	7/18/2016 9:32:28 PM	26423
Xylenes, Total	ND	0.10	mg/Kg	1	7/18/2016 9:32:28 PM	26423
Surr: 4-Bromofluorobenzene	93.5	80-120	%Rec	1	7/18/2016 9:32:28 PM	26423

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 9 of 23
	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: 7/27/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071216-SP-05

 Project:
 RHNU 106
 Collection Date: 7/12/2016 12:13:00 PM

 Lab ID:
 1607693-010
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL Q)ual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: LGT
Chloride	86	30		mg/Kg	20	7/20/2016 12:28:36 AM	1 26483
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/26/2016 3:36:18 PM	26595
Surr: DNOP	61.7	70-130	S	%Rec	1	7/26/2016 3:36:18 PM	26595
EPA METHOD 8015D: GASOLINE RANG	GE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/18/2016 9:55:54 PM	26423
Surr: BFB	95.2	80-120		%Rec	1	7/18/2016 9:55:54 PM	26423
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.024		mg/Kg	1	7/18/2016 9:55:54 PM	26423
Toluene	ND	0.048		mg/Kg	1	7/18/2016 9:55:54 PM	26423
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2016 9:55:54 PM	26423
Xylenes, Total	ND	0.096		mg/Kg	1	7/18/2016 9:55:54 PM	26423
Surr: 4-Bromofluorobenzene	89.7	80-120		%Rec	1	7/18/2016 9:55:54 PM	26423

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 limit Page 10 of 23
	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: 7/27/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071216-SP-06

 Project:
 RHNU 106
 Collection Date: 7/12/2016 12:43:00 PM

 Lab ID:
 1607693-011
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL Q)ual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	st: LGT
Chloride	80	30		mg/Kg	20	7/20/2016 12:41:00 A	M 26483
EPA METHOD 8015M/D: DIESEL RA					Analys	st: TOM	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/26/2016 3:58:30 PM	26595
Surr: DNOP	42.0	70-130	S	%Rec	1	7/26/2016 3:58:30 PM	26595
EPA METHOD 8015D: GASOLINE R	ANGE					Analys	st: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/18/2016 10:19:20 P	M 26423
Surr: BFB	97.5	80-120		%Rec	1	7/18/2016 10:19:20 P	M 26423
EPA METHOD 8021B: VOLATILES						Analys	st: NSB
Benzene	ND	0.024		mg/Kg	1	7/18/2016 10:19:20 P	M 26423
Toluene	ND	0.049		mg/Kg	1	7/18/2016 10:19:20 P	M 26423
Ethylbenzene	ND	0.049		mg/Kg	1	7/18/2016 10:19:20 P	M 26423
Xylenes, Total	ND	0.097		mg/Kg	1	7/18/2016 10:19:20 P	M 26423
Surr: 4-Bromofluorobenzene	92.7	80-120		%Rec	1	7/18/2016 10:19:20 P	M 26423

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 11 of 23
	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: 7/27/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071216-SP-07

 Project:
 RHNU 106
 Collection Date: 7/12/2016 1:10:00 PM

 Lab ID:
 1607693-012
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL Q)ual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analy	st: LGT
Chloride	32	30		mg/Kg	20	7/20/2016 12:53:25 A	M 26483
EPA METHOD 8015M/D: DIESEL RAI					Analy	st: TOM	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	7/26/2016 4:20:40 PM	1 26595
Surr: DNOP	30.4	70-130	S	%Rec	1	7/26/2016 4:20:40 PM	1 26595
EPA METHOD 8015D: GASOLINE RA	NGE					Analys	st: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/18/2016 10:42:43 P	M 26423
Surr: BFB	97.2	80-120		%Rec	1	7/18/2016 10:42:43 P	M 26423
EPA METHOD 8021B: VOLATILES						Analys	st: NSB
Benzene	ND	0.025		mg/Kg	1	7/18/2016 10:42:43 P	M 26423
Toluene	ND	0.050		mg/Kg	1	7/18/2016 10:42:43 P	M 26423
Ethylbenzene	ND	0.050		mg/Kg	1	7/18/2016 10:42:43 P	M 26423
Xylenes, Total	ND	0.099		mg/Kg	1	7/18/2016 10:42:43 P	M 26423
Surr: 4-Bromofluorobenzene	92.2	80-120		%Rec	1	7/18/2016 10:42:43 P	M 26423

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 limit Page 12 of 23
	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: 7/27/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071216-SP-08

 Project:
 RHNU 106
 Collection Date: 7/12/2016 2:24:00 PM

 Lab ID:
 1607693-013
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL (Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: LGT
Chloride	180	30		mg/Kg	20	7/20/2016 1:05:50 AM	26483
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS					Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/26/2016 4:42:51 PM	26595
Surr: DNOP	20.4	70-130	S	%Rec	1	7/26/2016 4:42:51 PM	26595
EPA METHOD 8015D: GASOLINE RAI	NGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/18/2016 11:06:07 PM	A 26423
Surr: BFB	98.6	80-120		%Rec	1	7/18/2016 11:06:07 PM	A 26423
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.023		mg/Kg	1	7/18/2016 11:06:07 PM	A 26423
Toluene	ND	0.046		mg/Kg	1	7/18/2016 11:06:07 PM	A 26423
Ethylbenzene	ND	0.046		mg/Kg	1	7/18/2016 11:06:07 PM	A 26423
Xylenes, Total	ND	0.093		mg/Kg	1	7/18/2016 11:06:07 PM	A 26423
Surr: 4-Bromofluorobenzene	93.2	80-120		%Rec	1	7/18/2016 11:06:07 PM	A 26423

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 limit Page 13 of 23
	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: 7/27/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071216-SP-09

 Project:
 RHNU 106
 Collection Date: 7/12/2016 2:28:00 PM

 Lab ID:
 1607693-014
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL (Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: LGT
Chloride	630	30		mg/Kg	20	7/20/2016 1:18:15 AM	26483
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/26/2016 5:04:57 PM	26595
Surr: DNOP	31.4	70-130	S	%Rec	1	7/26/2016 5:04:57 PM	26595
EPA METHOD 8015D: GASOLINE RANG	GE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/18/2016 11:29:35 PM	A 26423
Surr: BFB	97.8	80-120		%Rec	1	7/18/2016 11:29:35 PM	A 26423
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.025		mg/Kg	1	7/18/2016 11:29:35 PM	A 26423
Toluene	ND	0.049		mg/Kg	1	7/18/2016 11:29:35 PM	A 26423
Ethylbenzene	ND	0.049		mg/Kg	1	7/18/2016 11:29:35 PM	A 26423
Xylenes, Total	ND	0.098		mg/Kg	1	7/18/2016 11:29:35 PM	A 26423
Surr: 4-Bromofluorobenzene	92.2	80-120		%Rec	1	7/18/2016 11:29:35 PM	A 26423

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 limit Page 14 of 23
	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: 7/27/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071216-SP-10

 Project:
 RHNU 106
 Collection Date: 7/12/2016 2:52:00 PM

 Lab ID:
 1607693-015
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL (Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: LGT
Chloride	ND	30		mg/Kg	20	7/20/2016 1:30:40 AM	26483
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS					Analys	t: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/26/2016 5:27:06 PM	26595
Surr: DNOP	49.9	70-130	S	%Rec	1	7/26/2016 5:27:06 PM	26595
EPA METHOD 8015D: GASOLINE RAI	NGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/18/2016 11:52:58 PM	Л 26423
Surr: BFB	99.3	80-120		%Rec	1	7/18/2016 11:52:58 PM	Л 26423
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.023		mg/Kg	1	7/18/2016 11:52:58 PM	Л 26423
Toluene	ND	0.046		mg/Kg	1	7/18/2016 11:52:58 PM	A 26423
Ethylbenzene	ND	0.046		mg/Kg	1	7/18/2016 11:52:58 PM	A 26423
Xylenes, Total	ND	0.092		mg/Kg	1	7/18/2016 11:52:58 PM	A 26423
Surr: 4-Bromofluorobenzene	94.3	80-120		%Rec	1	7/18/2016 11:52:58 PM	И 26423

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 limit Page 15 of 23
	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: 7/27/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071216-SP-11

 Project:
 RHNU 106
 Collection Date: 7/12/2016 3:36:00 PM

 Lab ID:
 1607693-016
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL (Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: LGT
Chloride	44	30		mg/Kg	20	7/20/2016 2:07:53 AM	26483
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/26/2016 5:49:07 PM	26595
Surr: DNOP	49.6	70-130	S	%Rec	1	7/26/2016 5:49:07 PM	26595
EPA METHOD 8015D: GASOLINE RA	NGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/19/2016 12:16:15 AM	A 26423
Surr: BFB	97.2	80-120		%Rec	1	7/19/2016 12:16:15 AM	A 26423
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.023		mg/Kg	1	7/19/2016 12:16:15 AM	A 26423
Toluene	ND	0.047		mg/Kg	1	7/19/2016 12:16:15 AM	A 26423
Ethylbenzene	ND	0.047		mg/Kg	1	7/19/2016 12:16:15 AM	A 26423
Xylenes, Total	ND	0.094		mg/Kg	1	7/19/2016 12:16:15 AM	A 26423
Surr: 4-Bromofluorobenzene	91.3	80-120		%Rec	1	7/19/2016 12:16:15 AM	M 26423

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 16 of 23 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 Sample container temperature is out of limit as specified % Recovery outside of range due to dilution or matrix

Date Reported: 7/27/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071216-SP-12

 Project:
 RHNU 106
 Collection Date: 7/12/2016 3:56:00 PM

 Lab ID:
 1607693-017
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL Ç	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: MRA
Chloride	1500	75		mg/Kg	50	7/20/2016 6:27:43 PM	26483
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS	;				Analys	t: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/26/2016 6:11:17 PM	26595
Surr: DNOP	45.0	70-130	S	%Rec	1	7/26/2016 6:11:17 PM	26595
EPA METHOD 8015D: GASOLINE RANG	GE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2016 12:39:32 AN	1 26423
Surr: BFB	98.2	80-120		%Rec	1	7/19/2016 12:39:32 AM	1 26423
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.024		mg/Kg	1	7/19/2016 12:39:32 AN	1 26423
Toluene	ND	0.048		mg/Kg	1	7/19/2016 12:39:32 AN	1 26423
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2016 12:39:32 AM	1 26423
Xylenes, Total	ND	0.096		mg/Kg	1	7/19/2016 12:39:32 AM	1 26423
Surr: 4-Bromofluorobenzene	92.7	80-120		%Rec	1	7/19/2016 12:39:32 AN	1 26423

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 17 of 23
	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: 7/27/2016

CLIENT: GHD **Client Sample ID:** S-088210-28-071216-SP-13

 Project:
 RHNU 106
 Collection Date: 7/12/2016 4:00:00 PM

 Lab ID:
 1607693-018
 Matrix: SOIL
 Received Date: 7/14/2016 9:45:00 AM

Analyses	Result	PQL (Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: LGT
Chloride	ND	30		mg/Kg	20	7/20/2016 2:32:41 AM	26483
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS					Analyst	: TOM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/26/2016 6:33:17 PM	26595
Surr: DNOP	40.6	70-130	S	%Rec	1	7/26/2016 6:33:17 PM	26595
EPA METHOD 8015D: GASOLINE RAI	NGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2016 1:02:57 AM	26423
Surr: BFB	99.0	80-120		%Rec	1	7/19/2016 1:02:57 AM	26423
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.024		mg/Kg	1	7/19/2016 1:02:57 AM	26423
Toluene	ND	0.049		mg/Kg	1	7/19/2016 1:02:57 AM	26423
Ethylbenzene	ND	0.049		mg/Kg	1	7/19/2016 1:02:57 AM	26423
Xylenes, Total	ND	0.098		mg/Kg	1	7/19/2016 1:02:57 AM	26423
Surr: 4-Bromofluorobenzene	93.9	80-120		%Rec	1	7/19/2016 1:02:57 AM	26423

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 18 of 23
	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#: **1607693**

27-Jul-16

Client: Project:	GHD RHNU 10	06									
Sample ID	MB-26467	SampT	ype: m l	blk	Tes	tCode: E	PA Method	300.0: Anior	ıs		
Client ID:	PBS	Batch	ID: 26	467	F	RunNo: 3	5790				
Prep Date:	7/19/2016	Analysis D	ate: 7 /	/18/2016	Ş	SeqNo: 1	107751	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-26467	SampT	ype: Ic s	<u> </u>	Tes	tCode: E	PA Method	300.0: Anior	ıs		
Client ID:	LCSS	Batch	ID: 26	467	F	RunNo: 3	5790				
Prep Date:	7/19/2016	Analysis D	ate: 7	/18/2016	5	SeqNo: 1	107752	Units: mg/k	(g		
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			
Sample ID	DOC 2	SampT	ype: Ic s	S	Tes	tCode: E	PA Method	300.0: Anior	ıs		
Client ID:	LCSS	Batch	ID: 26	467	F	RunNo: 3	5790				
Prep Date:	7/19/2016	Analysis D	ate: 7	/18/2016	5	SeqNo: 1	107753	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	91.6	90	110			
Sample ID	DOC 3	SampT	ype: Ics	S	Tes	tCode: E	PA Method	300.0: Anion	ıs		
Client ID:	LCSS	Batch	ID: 26	467	F	RunNo: 3	5790				
Prep Date:	7/19/2016	Analysis D	ate: 7 /	/18/2016	Ş	SeqNo: 1	107754	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	94.9	90	110			
Sample ID	DOC 4	SampT	ype: Ic s	S	Tes	tCode: E	PA Method	300.0: Anion	ıs		
Client ID:	LCSS	Batch	ID: 26	467	F	RunNo: 3	5790				
Prep Date:	7/19/2016	Analysis D	ate: 7	/18/2016	Ş	SeqNo: 1	107755	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	96.2	90	110			
Sample ID	MB-26483	SampT	уре: МІ	BLK	Tes	tCode: E	PA Method	300.0: Anior	ıs		
Client ID:	PBS	Batch	ID: 26	483	F	RunNo: 3	5825				
Prep Date:	7/19/2016	Analysis D	ate: 7	/19/2016	5	SeqNo: 1	108921	Units: mg/h	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

Chloride

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

ND

- 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

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Hall Environmental Analysis Laboratory, Inc.

14

WO#: 1607693

27-Jul-16

Client: GHD Project: RHNU 106

Chloride

Sample ID LCS-26483 SampType: LCS TestCode: EPA Method 300.0: Anions

LCSS Client ID: Batch ID: 26483 RunNo: 35825

1.5

Prep Date: 7/19/2016 Analysis Date: 7/19/2016 SeqNo: 1108922 Units: mg/Kg

15.00

Analyte SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0

93.7

90

110

Qualifiers:

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

S % 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

P Sample pH Not In Range

Reporting Detection Limit RL

Sample container temperature is out of limit as specified

Page 20 of 23

Hall Environmental Analysis Laboratory, Inc.

WO#: **1607693**

27-Jul-16

Client:	GHD
Project:	RHNU 106

Project: RHNU	106			
Sample ID LCS-26443	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range	Organics
Client ID: LCSS	Batch ID: 26443	RunNo: 35827		
Prep Date: 7/18/2016	Analysis Date: 7/20/2016	SeqNo: 1110532	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Diesel Range Organics (DRO)	47 10 50.00	0 94.0 62.6	124	
Surr: DNOP	4.5 5.000	89.6 70	130	
Sample ID MB-26443	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range	Organics
Client ID: PBS	Batch ID: 26443	RunNo: 35827		
Prep Date: 7/18/2016	Analysis Date: 7/20/2016	SeqNo: 1110534	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Diesel Range Organics (DRO)	ND 10			
Surr: DNOP	8.8 10.00	87.5 70	130	
Sample ID LCS-26595	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range	Organics
Client ID: LCSS	Batch ID: 26595	RunNo: 35982		
Prep Date: 7/25/2016	Analysis Date: 7/26/2016	SeqNo: 1115124	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Diesel Range Organics (DRO)	49 10 50.00	0 97.8 62.6	124	
Surr: DNOP	5.0 5.000	99.3 70	130	
Sample ID MB-26595	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range	Organics
Client ID: PBS	Batch ID: 26595	RunNo: 35982		
Prep Date: 7/25/2016	Analysis Date: 7/26/2016	SeqNo: 1115125	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Diesel Range Organics (DRO)	ND 10			
Surr: DNOP	11 10.00	106 70	130	

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
- D C 1 HN LD

Reporting Detection Limit

P Sample pH Not In Range

RL

W Sample container temperature is out of limit as specified

ange

Page 21 of 23

Hall Environmental Analysis Laboratory, Inc.

WO#: **1607693**

27-Jul-16

Client: GHD
Project: RHNU 106

Sample ID MB-26423 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 26423 RunNo: 35768

Prep Date: 7/15/2016 Analysis Date: 7/18/2016 SeqNo: 1107124 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 980 1000 97.8 80 120

Sample ID LCS-26423 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 26423 RunNo: 35768

Prep Date: 7/15/2016 Analysis Date: 7/18/2016 SeqNo: 1107125 Units: mg/Kg

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

 Gasoline Range Organics (GRO)
 23
 5.0
 25.00
 0
 90.2
 80
 120

 Surr: BFB
 1100
 1000
 108
 80
 120

Sample ID 1607693-002AMS SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: S-088210-28-071116 Batch ID: 26423 RunNo: 35768

Prep Date: 7/15/2016 Analysis Date: 7/18/2016 SeqNo: 1107130 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO) 24 5.0 24.95 0 97.4 59.3 143

 Gasoline Range Organics (GRO)
 24
 5.0
 24.95
 0
 97.4
 59.3
 143

 Surr: BFB
 1100
 998.0
 110
 80
 120

Sample ID 1607693-002AMSD SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: S-088210-28-071116 Batch ID: 26423 RunNo: 35768

Prep Date: 7/15/2016 Analysis Date: 7/18/2016 SeqNo: 1107131 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 22 4.8 24.22 91.9 59.3 143 8.74 20 Surr: BFB 1100 969.0 113 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 22 of 23

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#: **1607693**

27-Jul-16

Client:	GHD
Project:	RHNU 106

Sample ID MB-26423 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: **PBS** Batch ID: 26423 RunNo: 35768 Prep Date: 7/15/2016 Analysis Date: 7/18/2016 SeqNo: 1107156 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Benzene ND 0.025 Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10 Surr: 4-Bromofluorobenzene 0.95 1.000 94.9 80 120

Sample ID LCS-26423 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 26423 RunNo: 35768 Prep Date: 7/15/2016 Analysis Date: 7/18/2016 SeqNo: 1107157 Units: mg/Kg **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte LowLimit Qual 0.025 1.000 O 102 75.3 123 Benzene 1.0 Toluene 1.0 0.050 1.000 0 100 80 124 Ethylbenzene 0.050 0 103 82.8 1.0 1.000 121 Xylenes, Total 3.0 0.10 3.000 0 102 83.9 122 Surr: 4-Bromofluorobenzene 1.0 1.000 101 80 120

Sample ID 1607693-001AMS SampType: MS TestCode: EPA Method 8021B: Volatiles S-088210-28-071116 RunNo: 35768 Client ID: Batch ID: 26423 Prep Date: 7/15/2016 Analysis Date: 7/18/2016 SeqNo: 1107161 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Benzene 0.88 0.025 0.9804 90.0 71.5 122 Λ Toluene 0.92 0.049 0.9804 0 93.9 71.2 123 75.2 0.97 0.9804 0 98.8 130 Ethylbenzene 0.049 Xylenes, Total 2.9 0.098 2.941 0 99.7 72.4 131 0.9804 Surr: 4-Bromofluorobenzene 0.98 99.8 80 120

Sample ID 1607693-001AMSD SampType: MSD TestCode: EPA Method 8021B: Volatiles Client ID: Batch ID: 26423 RunNo: 35768 S-088210-28-071116 Prep Date: Analysis Date: 7/18/2016 SeqNo: 1107162 7/15/2016 Units: mg/Kg %REC **RPDLimit** Analyte Result PQL SPK value SPK Ref Val LowLimit HighLimit %RPD Qual 0.84 0.023 0.9294 0 90.4 71.5 122 4.86 20 Benzene Toluene 0.88 0.046 0.9294 0 94.7 71.2 123 4.49 20 Ethylbenzene 0.94 0.046 0.9294 0 101 75.2 130 3.45 20 Xylenes, Total 2.8 0.093 2.788 0 99.5 72.4 131 5.52 20 Surr: 4-Bromofluorobenzene 0.9294 101 80 0 0 0.94 120

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

Page 23 of 23

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 Albuquergus, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD Work Order N	lumber: 1607693		ReptNo: 1
Received by/date: AJ 67/14/1	6		
Logged By: Joe Archuleta 7/14/2016 9:45	00 AM	JEH	
Completed By: Joe Archuleta 7/15/2016,9:13	30 AM	24-ast	
Reviewed By: 10 1/15/11.	^		
Chain of Custody	2		
1, Custody seals intact on sample bottles?	Yes 🗌	No 🗌	Not Present 🗸
2. Is Chain of Custody complete?	Yes 🗸	No 🗆	Not Present
How was the sample delivered?	Courier		
Log In	41.7 723		and the
4. Was an attempt made to cool the samples?	Yes 🗸	No.	NA I
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 V	No 🗆	
8, Are samples (except VOA and ONG) properly preserved?	Yes V	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 V	E WOMEN COM
			# of preserved bottles checked
12. Does paperwork match bottle labels?	Yes 🗸	No	for pH. (<2 or >12 unless noted
(Note discrepancies on chain-of custody) 13. Are matrices correctly identified on Chain of Custody?	Yes 🗸	No 🗆	Adjusted?
14. Is it clear what analyses were requested?	Yes V	No 🗆	
15. Were all holding times able to be met?	Yes 🗸	No 🗌	Checked by:
(If no, notify customer for authorization.)			
Special Handling (if applicable)			
16. Was client notified of all discrepancies with this order?	Yes 🗌	No 🗌	NA 🗹
Person Notified:	Date		
	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 1.0 Good Yes			

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EDD Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE	BTEX + MTBE	8015B	(Method	EDB (Method	PAH's (8310 or	RCRA 8 Metals	Anions (r,Cl,NO ₃ ,NO ₂ ,PO ₄ ,SO ₄)	8081 Pesticides / 8082 PCB	8260B (VOA)	8270 (Semi-VOA)	Colorida	4	15th 8	Air Bubbles (Y or N)
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

July 26, 2016

Bernie Bockish GHD 6121 Indian School Road, NE #200

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

FAX

RE: RHNU 106 OrderNo.: 1607745

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 12 sample(s) on 7/15/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data 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 **1607745**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/26/2016

 CLIENT:
 GHD
 Client Sample ID: S-088210-28-071316-SP-01

 Project:
 RHNU 106
 Collection Date: 7/13/2016 12:26:00 PM

Lab ID: 1607745-001 **Matrix:** SOIL **Received Date:** 7/15/2016 9:30:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: MRA
Chloride	390	30	mg/Kg	20	7/20/2016 1:17:27 PM	26512
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS	3			Analys	:: TOM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/20/2016 3:56:26 AM	26455
Surr: DNOP	103	70-130	%Rec	1	7/20/2016 3:56:26 AM	26455
EPA METHOD 8015D: GASOLINE RANG	GE				Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/19/2016 1:55:31 PM	26450
Surr: BFB	100	80-120	%Rec	1	7/19/2016 1:55:31 PM	26450
EPA METHOD 8021B: VOLATILES					Analys	:: NSB
Benzene	ND	0.024	mg/Kg	1	7/19/2016 1:55:31 PM	26450
Toluene	ND	0.049	mg/Kg	1	7/19/2016 1:55:31 PM	26450
Ethylbenzene	ND	0.049	mg/Kg	1	7/19/2016 1:55:31 PM	26450
Xylenes, Total	ND	0.097	mg/Kg	1	7/19/2016 1:55:31 PM	26450
Surr: 4-Bromofluorobenzene	96.2	80-120	%Rec	1	7/19/2016 1:55:31 PM	26450

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 16
	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

Lab Order **1607745**Date Reported: **7/26/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071316-SP-02

 Project:
 RHNU 106
 Collection Date: 7/13/2016 12:30:00 PM

 Lab ID:
 1607745-002
 Matrix: SOIL
 Received Date: 7/15/2016 9:30:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: MRA
Chloride	570	30	mg/Kg	20	7/20/2016 1:54:41 PM	26512
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	st: TOM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	7/20/2016 4:18:08 AM	26455
Surr: DNOP	110	70-130	%Rec	1	7/20/2016 4:18:08 AM	26455
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/19/2016 3:06:25 PM	26450
Surr: BFB	101	80-120	%Rec	1	7/19/2016 3:06:25 PM	26450
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	7/19/2016 3:06:25 PM	26450
Toluene	ND	0.049	mg/Kg	1	7/19/2016 3:06:25 PM	26450
Ethylbenzene	ND	0.049	mg/Kg	1	7/19/2016 3:06:25 PM	26450
Xylenes, Total	ND	0.099	mg/Kg	1	7/19/2016 3:06:25 PM	26450
Surr: 4-Bromofluorobenzene	97.0	80-120	%Rec	1	7/19/2016 3:06:25 PM	26450

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 16
	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

Lab Order 1607745

Sample container temperature is out of limit as specified

Date Reported: 7/26/2016

Hall Environmental Analysis Laboratory, Inc.

 CLIENT:
 GHD
 Client Sample ID:
 S-088210-28-071316-SP-03

 Project:
 RHNU 106
 Collection Date:
 7/13/2016 12:34:00 PM

Lab ID: 1607745-003 **Matrix:** SOIL **Received Date:** 7/15/2016 9:30:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: MRA
Chloride	460	30	mg/Kg	20	7/20/2016 2:31:54 PM	26512
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS	3			Analyst	: ТОМ
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/20/2016 4:40:00 AM	26455
Surr: DNOP	100	70-130	%Rec	1	7/20/2016 4:40:00 AM	26455
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/19/2016 9:16:14 PM	26450
Surr: BFB	98.8	80-120	%Rec	1	7/19/2016 9:16:14 PM	26450
EPA METHOD 8021B: VOLATILES					Analyst	:: NSB
Benzene	ND	0.023	mg/Kg	1	7/19/2016 9:16:14 PM	26450
Toluene	ND	0.047	mg/Kg	1	7/19/2016 9:16:14 PM	26450
Ethylbenzene	ND	0.047	mg/Kg	1	7/19/2016 9:16:14 PM	26450
Xylenes, Total	ND	0.094	mg/Kg	1	7/19/2016 9:16:14 PM	26450
Surr: 4-Bromofluorobenzene	94.1	80-120	%Rec	1	7/19/2016 9:16:14 PM	26450

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 16 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

Lab Order **1607745**Date Reported: **7/26/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071316-SP-04

 Project:
 RHNU 106
 Collection Date: 7/13/2016 12:40:00 PM

 Lab ID:
 1607745-004
 Matrix: SOIL
 Received Date: 7/15/2016 9:30:00 AM

Analyses	Result	PQL ()ual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	: MRA
Chloride	34	30		mg/Kg	20	7/20/2016 2:44:19 PM	26512
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS					Analys	:: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/20/2016 5:01:47 AM	26455
Surr: DNOP	138	70-130	S	%Rec	1	7/20/2016 5:01:47 AM	26455
EPA METHOD 8015D: GASOLINE R.	ANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/19/2016 9:39:42 PM	26450
Surr: BFB	101	80-120		%Rec	1	7/19/2016 9:39:42 PM	26450
EPA METHOD 8021B: VOLATILES						Analys	: NSB
Benzene	ND	0.024		mg/Kg	1	7/19/2016 9:39:42 PM	26450
Toluene	ND	0.047		mg/Kg	1	7/19/2016 9:39:42 PM	26450
Ethylbenzene	ND	0.047		mg/Kg	1	7/19/2016 9:39:42 PM	26450
Xylenes, Total	ND	0.095		mg/Kg	1	7/19/2016 9:39:42 PM	26450
Surr: 4-Bromofluorobenzene	95.0	80-120		%Rec	1	7/19/2016 9:39:42 PM	26450

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 4 of 16 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 Sample container temperature is out of limit as specified % Recovery outside of range due to dilution or matrix

Lab Order **1607745**

Date Reported: 7/26/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071316-SP-05

 Project:
 RHNU 106
 Collection Date: 7/13/2016 12:44:00 PM

 Lab ID:
 1607745-005
 Matrix: SOIL
 Received Date: 7/15/2016 9:30:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: LGT
Chloride	1600	75	mg/Kg	50	7/21/2016 10:05:42 P	M 26512
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS	;			Analy	st: TOM
Diesel Range Organics (DRO)	140	10	mg/Kg	1	7/20/2016 5:23:40 AM	A 26455
Surr: DNOP	119	70-130	%Rec	1	7/20/2016 5:23:40 AM	A 26455
EPA METHOD 8015D: GASOLINE R	ANGE				Analy	st: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/19/2016 10:03:09 P	M 26450
Surr: BFB	99.6	80-120	%Rec	1	7/19/2016 10:03:09 P	M 26450
EPA METHOD 8021B: VOLATILES					Analy	st: NSB
Benzene	ND	0.025	mg/Kg	1	7/19/2016 10:03:09 P	M 26450
Toluene	ND	0.049	mg/Kg	1	7/19/2016 10:03:09 P	M 26450
Ethylbenzene	ND	0.049	mg/Kg	1	7/19/2016 10:03:09 P	M 26450
Xylenes, Total	ND	0.099	mg/Kg	1	7/19/2016 10:03:09 P	M 26450
Surr: 4-Bromofluorobenzene	94.4	80-120	%Rec	1	7/19/2016 10:03:09 P	M 26450

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 5 of 16 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 Sample container temperature is out of limit as specified % Recovery outside of range due to dilution or matrix

Lab Order **1607745**Date Reported: **7/26/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071316-SP-06

 Project:
 RHNU 106
 Collection Date: 7/13/2016 12:56:00 PM

 Lab ID:
 1607745-006
 Matrix: SOIL
 Received Date: 7/15/2016 9:30:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: MRA
Chloride	37	30	mg/Kg	20	7/20/2016 3:09:09 PM	26512
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS	;			Analys	t: TOM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	7/20/2016 5:45:30 AM	26455
Surr: DNOP	126	70-130	%Rec	1	7/20/2016 5:45:30 AM	26455
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	7/19/2016 10:26:42 PM	A 26450
Surr: BFB	99.9	80-120	%Rec	1	7/19/2016 10:26:42 PM	A 26450
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.023	mg/Kg	1	7/19/2016 10:26:42 PM	A 26450
Toluene	ND	0.046	mg/Kg	1	7/19/2016 10:26:42 PM	A 26450
Ethylbenzene	ND	0.046	mg/Kg	1	7/19/2016 10:26:42 PM	A 26450
Xylenes, Total	ND	0.092	mg/Kg	1	7/19/2016 10:26:42 PM	A 26450
Surr: 4-Bromofluorobenzene	94.4	80-120	%Rec	1	7/19/2016 10:26:42 PM	A 26450

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 6 of 16 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 Sample container temperature is out of limit as specified % Recovery outside of range due to dilution or matrix

Lab Order **1607745**

Date Reported: 7/26/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071316-SP-07

 Project:
 RHNU 106
 Collection Date: 7/13/2016 1:00:00 PM

 Lab ID:
 1607745-007
 Matrix: SOIL
 Received Date: 7/15/2016 9:30:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: MRA
Chloride	35	30	mg/Kg	20	7/20/2016 3:21:34 PM	26512
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS	;			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/20/2016 6:07:23 AM	26455
Surr: DNOP	88.9	70-130	%Rec	1	7/20/2016 6:07:23 AM	26455
EPA METHOD 8015D: GASOLINE RAN	GE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/19/2016 10:50:13 PM	1 26450
Surr: BFB	100	80-120	%Rec	1	7/19/2016 10:50:13 PM	1 26450
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	7/19/2016 10:50:13 PM	1 26450
Toluene	ND	0.048	mg/Kg	1	7/19/2016 10:50:13 PM	1 26450
Ethylbenzene	ND	0.048	mg/Kg	1	7/19/2016 10:50:13 PM	1 26450
Xylenes, Total	ND	0.096	mg/Kg	1	7/19/2016 10:50:13 PM	1 26450
Surr: 4-Bromofluorobenzene	95.0	80-120	%Rec	1	7/19/2016 10:50:13 PM	1 26450

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 7 of 16
	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

Lab Order **1607745**

Date Reported: 7/26/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071316-SP-08

 Project:
 RHNU 106
 Collection Date: 7/13/2016 1:04:00 PM

 Lab ID:
 1607745-008
 Matrix: SOIL
 Received Date: 7/15/2016 9:30:00 AM

Analyses	Result	PQL Qua	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: MRA
Chloride	ND	30	mg/Kg	20	7/20/2016 3:33:58 PM	26512
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS	;			Analyst	: ТОМ
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	7/20/2016 6:29:06 AM	26455
Surr: DNOP	105	70-130	%Rec	1	7/20/2016 6:29:06 AM	26455
EPA METHOD 8015D: GASOLINE RANG	iΕ				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/19/2016 11:13:40 PM	26450
Surr: BFB	97.3	80-120	%Rec	1	7/19/2016 11:13:40 PM	26450
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	7/19/2016 11:13:40 PM	26450
Toluene	ND	0.050	mg/Kg	1	7/19/2016 11:13:40 PM	26450
Ethylbenzene	ND	0.050	mg/Kg	1	7/19/2016 11:13:40 PM	26450
Xylenes, Total	ND	0.099	mg/Kg	1	7/19/2016 11:13:40 PM	26450
Surr: 4-Bromofluorobenzene	89.5	80-120	%Rec	1	7/19/2016 11:13:40 PM	26450

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 8 of 16 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 Sample container temperature is out of limit as specified % Recovery outside of range due to dilution or matrix

Lab Order **1607745**

Date Reported: 7/26/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071316-SP-09

 Project:
 RHNU 106
 Collection Date: 7/13/2016 1:08:00 PM

 Lab ID:
 1607745-009
 Matrix: SOIL
 Received Date: 7/15/2016 9:30:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: MRA
Chloride	ND	30	mg/Kg	20	7/20/2016 3:46:23 PM	26512
EPA METHOD 8015M/D: DIESEL RANG	SE ORGANICS				Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	7/20/2016 6:51:00 AM	26455
Surr: DNOP	105	70-130	%Rec	1	7/20/2016 6:51:00 AM	26455
EPA METHOD 8015D: GASOLINE RAN	GE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/19/2016 11:37:06 PM	1 26450
Surr: BFB	99.3	80-120	%Rec	1	7/19/2016 11:37:06 PM	1 26450
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.023	mg/Kg	1	7/19/2016 11:37:06 PM	1 26450
Toluene	ND	0.047	mg/Kg	1	7/19/2016 11:37:06 PM	1 26450
Ethylbenzene	ND	0.047	mg/Kg	1	7/19/2016 11:37:06 PM	1 26450
Xylenes, Total	ND	0.093	mg/Kg	1	7/19/2016 11:37:06 PM	1 26450
Surr: 4-Bromofluorobenzene	93.6	80-120	%Rec	1	7/19/2016 11:37:06 PM	1 26450

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 9 of 16 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 Sample container temperature is out of limit as specified % Recovery outside of range due to dilution or matrix

Lab Order **1607745**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/26/2016

CLIENT: GHD **Client Sample ID:** S-088210-28-071316-SP-10

 Project:
 RHNU 106
 Collection Date: 7/13/2016 1:10:00 PM

 Lab ID:
 1607745-010
 Matrix: SOIL
 Received Date: 7/15/2016 9:30:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: MRA
Chloride	ND	30	mg/Kg	20	7/20/2016 3:58:48 PM	26512
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS	;			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	7/20/2016 7:12:43 AM	26455
Surr: DNOP	107	70-130	%Rec	1	7/20/2016 7:12:43 AM	26455
EPA METHOD 8015D: GASOLINE RANG	BE .				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/20/2016 12:00:33 AN	A 26450
Surr: BFB	97.3	80-120	%Rec	1	7/20/2016 12:00:33 AN	A 26450
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	7/20/2016 12:00:33 AN	A 26450
Toluene	ND	0.049	mg/Kg	1	7/20/2016 12:00:33 AN	A 26450
Ethylbenzene	ND	0.049	mg/Kg	1	7/20/2016 12:00:33 AN	A 26450
Xylenes, Total	ND	0.099	mg/Kg	1	7/20/2016 12:00:33 AN	A 26450
Surr: 4-Bromofluorobenzene	89.9	80-120	%Rec	1	7/20/2016 12:00:33 AN	A 26450

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 limit Page 10 of 16
	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

Lab Order **1607745**Date Reported: **7/26/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071316-SP-11

 Project:
 RHNU 106
 Collection Date: 7/13/2016 2:30:00 PM

 Lab ID:
 1607745-011
 Matrix: SOIL
 Received Date: 7/15/2016 9:30:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: MRA
Chloride	ND	30	mg/Kg	20	7/20/2016 4:11:13 PM	26512
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	:: TOM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	7/20/2016 7:34:50 AM	26455
Surr: DNOP	105	70-130	%Rec	1	7/20/2016 7:34:50 AM	26455
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/20/2016 12:24:01 AM	1 26450
Surr: BFB	96.6	80-120	%Rec	1	7/20/2016 12:24:01 AM	1 26450
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	7/20/2016 12:24:01 AM	1 26450
Toluene	ND	0.049	mg/Kg	1	7/20/2016 12:24:01 AM	26450
Ethylbenzene	ND	0.049	mg/Kg	1	7/20/2016 12:24:01 AM	26450
Xylenes, Total	ND	0.097	mg/Kg	1	7/20/2016 12:24:01 AM	26450
Surr: 4-Bromofluorobenzene	90.3	80-120	%Rec	1	7/20/2016 12:24:01 AM	1 26450

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank	
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range	
	Н	H Holding times for preparation or analysis exceeded J Ana		Analyte detected below quantitation limits Page 11 of 16	
	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	

Lab Order **1607745**Date Reported: **7/26/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** S-088210-28-071316-SP-12

 Project:
 RHNU 106
 Collection Date: 7/13/2016 2:33:00 PM

 Lab ID:
 1607745-012
 Matrix: SOIL
 Received Date: 7/15/2016 9:30:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: MRA
Chloride	ND	30	mg/Kg	20	7/20/2016 4:23:37 PM	26512
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	st: TOM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	7/20/2016 7:56:41 AM	26455
Surr: DNOP	124	70-130	%Rec	1	7/20/2016 7:56:41 AM	26455
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/20/2016 12:47:24 AM	√ 26450
Surr: BFB	99.9	80-120	%Rec	1	7/20/2016 12:47:24 AM	M 26450
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	7/20/2016 12:47:24 AM	M 26450
Toluene	ND	0.048	mg/Kg	1	7/20/2016 12:47:24 AM	M 26450
Ethylbenzene	ND	0.048	mg/Kg	1	7/20/2016 12:47:24 AM	M 26450
Xylenes, Total	ND	0.097	mg/Kg	1	7/20/2016 12:47:24 AM	M 26450
Surr: 4-Bromofluorobenzene	94.3	80-120	%Rec	1	7/20/2016 12:47:24 AM	M 26450

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 12 of 16 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 Sample container temperature is out of limit as specified % Recovery outside of range due to dilution or matrix

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607745

26-Jul-16

Client: GHD Project: RHNU 106

Sample ID MB-26512 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: 26512 RunNo: 35855

Prep Date: 7/20/2016 Analysis Date: 7/20/2016 SeqNo: 1110035 Units: mg/Kg

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

Chloride ND 1.5

Sample ID LCS-26512 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 26512 RunNo: 35855

Prep Date: 7/20/2016 Analysis Date: 7/20/2016 SeqNo: 1110036 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 94.0 110

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

E Value above quantitation range

J Analyte detected below quantitation limits

Page 13 of 16

P Sample pH Not In Range

RL Reporting Detection Limit

Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Result

4.5

WO#: 1607745

%RPD

RPDLimit

Page 14 of 16

Qual

26-Jul-16

Client: GHD **Project: RHNU 106**

Sample ID LCS-26455	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics											
Client ID: LCSS	Batch ID: 26455	RunNo: 35794										
Prep Date: 7/18/2016	Analysis Date: 7/20/2016	SeqNo: 1108851 Units: m	g/Kg									
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLim	t %RPD RPDLimit Qual									
Diesel Range Organics (DRO)	48 10 50.00	0 95.3 62.6 12	4									
Surr: DNOP	5.00 5.000	99.7 70 13	0									
Sample ID MB-26455	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics											
Client ID: PBS	Batch ID: 26455 RunNo: 35794											
Prep Date: 7/18/2016	Analysis Date: 7/20/2016	SeqNo: 1108853 Units: m	g/Kg									
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLim	t %RPD RPDLimit Qual									
Diesel Range Organics (DRO)	ND 10											
Surr: DNOP	10 10.00	102 70 13	0									
Sample ID LCS-26443	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics											
Client ID: LCSS	Batch ID: 26443	RunNo: 35827										
Prep Date: 7/18/2016	Analysis Date: 7/20/2016	SeqNo: 1110532 Units: %	Rec									

Sample ID MB-26443	SampType: N	/IBLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: PBS	Batch ID: 2	6443	R	tunNo: 3	5827				
Prep Date: 7/18/2016	Analysis Date:	7/20/2016	S	SeqNo: 1	110534	Units: %Red	;		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.8	10.00		87.5	70	130			

%REC

89.6

LowLimit

70

HighLimit

130

SPK value SPK Ref Val

5.000

Qualifiers:

Analyte

Surr: DNOP

- Value exceeds Maximum Contaminant Level.
- D
- 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
- P Sample pH Not In Range
- Reporting Detection Limit RL
- Sample container temperature is out of limit as specified

Sample Diluted Due to Matrix

Η

Hall Environmental Analysis Laboratory, Inc.

WO#: **1607745**

26-Jul-16

Client: GHD
Project: RHNU 106

Sample ID MB-26450 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 26450 RunNo: 35795

Prep Date: 7/18/2016 Analysis Date: 7/19/2016 SeqNo: 1108349 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
 101
 80
 120

Sample ID LCS-26450 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 26450 RunNo: 35795

Prep Date: 7/18/2016 Analysis Date: 7/19/2016 SeqNo: 1108351 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 5.0 25.00 110 80 120

Surr: BFB 1100 1000 111 80 120

Sample ID 1607745-002AMS SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: S-088210-28-071316 Batch ID: 26450 RunNo: 35795

Prep Date: 7/18/2016 Analysis Date: 7/19/2016 SeqNo: 1108356 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 27 4.8 24.02 0 112 59.3 143

 Gasoline Range Organics (GRO)
 27
 4.8
 24.02
 0
 112
 59.3
 143

 Surr: BFB
 1100
 960.6
 113
 80
 120

Sample ID 1607745-002AMSD SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: S-088210-28-071316 Batch ID: 26450 RunNo: 35795

Prep Date: 7/18/2016 Analysis Date: 7/19/2016 SeqNo: 1108358 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 22 4.8 24.02 90.8 59.3 143 20.9 20 R Surr: BFB 1100 960.6 112 80 120 0 0

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Page 15 of 16

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607745

26-Jul-16

Client:	GHD
Project:	RHNU 106

Sample ID MB-26450 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: **PBS** Batch ID: 26450 RunNo: 35795 Prep Date: 7/18/2016 Analysis Date: 7/19/2016 SeqNo: 1108424 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Benzene ND 0.025 Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10 Surr: 4-Bromofluorobenzene 0.97 1.000 96.7 80 120

Sample ID LCS-26450 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: **LCSS** Batch ID: 26450 RunNo: 35795 Prep Date: 7/18/2016 Analysis Date: 7/19/2016 SeqNo: 1108425 Units: mg/Kg **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual 0.025 1.000 O 87.4 75.3 123 Benzene 0.87 Toluene 0.89 0.050 1.000 0 89.2 80 124 Ethylbenzene 0.95 0.050 0 95.5 82.8 121 1.000 Xylenes, Total 2.9 0.10 3.000 0 95.4 83.9 122 97.7 Surr: 4-Bromofluorobenzene 0.98 1.000 80 120

Sample ID 1607745-001AMS SampType: MS TestCode: EPA Method 8021B: Volatiles S-088210-28-071316 Client ID: Batch ID: 26450 RunNo: 35795 7/18/2016 Analysis Date: 7/19/2016 SeaNo: 1108430 Prep Date: Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Benzene 0.87 0.024 0.9569 91.2 71.5 122 Λ Toluene 0.84 0.048 0.9569 0 87.9 71.2 123 75.2 0.91 0.048 0.9569 0 94.8 130 Ethylbenzene Xylenes, Total 2.7 0.096 2.871 0 93.5 72.4 131 0.9569 97.4 Surr: 4-Bromofluorobenzene 0.9380 120

Sample ID 1607745-001AMSD SampType: MSD TestCode: EPA Method 8021B: Volatiles Client ID: S-088210-28-071316 Batch ID: 26450 RunNo: 35795 Prep Date: 7/18/2016 Analysis Date: 7/19/2016 SeqNo: 1108431 Units: mg/Kg %REC %RPD **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val LowLimit HighLimit Qual 0.98 0.025 0.9852 0 99.5 71.5 122 11.6 20 Benzene Toluene 0.99 0.049 0.9852 0 101 71.2 123 16.6 20 Ethylbenzene 1.0 0.049 0.9852 0 106 75.2 130 13.9 20 Xylenes, Total 3.1 0.099 2.956 0 105 72.4 131 20 14.6 Surr: 4-Bromofluorobenzene 0.99 0.9852 101 80 0 120 0

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

Page 16 of 16

Sample pH Not In Range

RLReporting Detection Limit

W Sample container temperature is out of limit as specified



Hali Environmental Analysis Laboratory 4901 Hawkins NE

4901 Hawkins NE. Albuquerque, NM 87169

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

Sample Log-In Check List

Website: www.hallenvironmental.com Work Order Number: 1607745 Client Name: GHD ReptNo: 1 Received by/date: Logged By Lindsay Mangin 7/15/2016 9:30:00 AM Campleted By Lindsay Mangin 7/15/2016 2:46:00 PM Reviewed By: Chain of Custody Not Present V No 1. Custody seals intact on sample bottles? Yes No Not Present Yes V 2. Is Chain of Custody complete? 3. How was the sample delivered? Client Log In No 4. Was an attempt made to cool the samples? Yes No. 5. Were all samples received at a temperature of >0° C to 6.0°C Yes V No Sample(s) in proper container(s)? Yes No 7. Sufficient sample volume for indicated test(s)? No 8. Are samples (except VOA and ONG) properly preserved? NA No V 9. Was preservative added to bottles? Yes No VOA Vials V No. 10. VOA viais have zero headspace? Yes No V 11. Were any sample containers received broken? # of preserved bottles checked No 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? No. 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) 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 Intact | Seal No Seal Date Signed By 2.8 Good Not Present

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Date Time	e Matrix	Sample Request ID	Container Type and # Type HEAL No.			BTEX + MTBE	BTEX + MT	TPH 8015B (GRO / 1 TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310	RCRA 8 Metals	Anions (F,CI,NO ₃ ,NO ₂ ,PO ₄ ,SO ₄)	8081 Pesticides	8260B (VOA)	8270 (Semi-VOA)	Chloride	ار ا	2 T 2	Air Bubbles (Y
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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

July 27, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

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

FAX

RE: RHNU 106 OrderNo.: 1607948

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 18 sample(s) on 7/19/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data 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: 1607948

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/27/2016

	HD HNU 106				Lab Order: 1607948	
Lab ID:	1607948-001			Collection	Date: 7/14/2016 10:12:00 AM	
Client Sample ID:	S-088210-28-071416-	-SP-01		M	Iatrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed Batch II	D
EPA METHOD 300	.0: ANIONS				Analyst: LGT	
Chloride		ND	30	mg/Kg	20 7/22/2016 7:08:33 PM 2654	5
Lab ID:	1607948-002			Collection	Date: 7/14/2016 10:15:00 AM	
Client Sample ID:	S-088210-28-071416-	-SP-02		\mathbf{N}	Iatrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed Batch II	D
EPA METHOD 300	.0: ANIONS				Analyst: LGT	
Chloride		92	30	mg/Kg	20 7/22/2016 7:20:58 PM 2654	5
Lab ID:	1607948-003			Collection	Date: 7/14/2016 10:30:00 AM	
Client Sample ID:	S-088210-28-071416-	-SP-03		M	latrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed Batch II	D
EPA METHOD 300	.0: ANIONS				Analyst: LGT	
Chloride		ND	30	mg/Kg	20 7/22/2016 7:33:22 PM 2654	5
Lab ID:	1607948-004			Collection	Date: 7/14/2016 12:57:00 PM	
Client Sample ID:	S-088210-28-071416-	-SP-04		M	latrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed Batch II	D
EPA METHOD 300	.0: ANIONS				Analyst: LGT	
Chloride		33	30	mg/Kg	20 7/22/2016 7:45:47 PM 2654	5
Lab ID:	1607948-005			Collection	Date: 7/14/2016 1:00:00 PM	
Client Sample ID:	S-088210-28-071416-	-SP-05		\mathbf{N}	latrix: SOIL	
Analyses		Result	PQL Qual	Units	DF Date Analyzed Batch II	D
EPA METHOD 300 Chloride	.0: ANIONS	ND	30	mg/Kg	Analyst: LGT 20 7/22/2016 8:23:01 PM 2654	

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: 1607948

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/27/2016

CLIENT: GHD Lab Order: 1607948 Project: **RHNU 106** 1607948-006 **Collection Date:** 7/14/2016 1:12:00 PM Lab ID: Client Sample ID: S-088210-28-071416-SP-06 Matrix: SOIL **Analyses** Result **PQL Qual Units DF** Date Analyzed **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 38 Chloride 30 mg/Kg 20 7/22/2016 8:35:25 PM 26545 Lab ID: 1607948-007 **Collection Date:** 7/14/2016 1:15:00 PM **Client Sample ID:** S-088210-28-071416-SP-07 Matrix: SOIL Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: **LGT** 20 7/22/2016 8:47:49 PM Chloride 150 30 mg/Kg 26545 Lab ID: 1607948-008 **Collection Date:** 7/14/2016 2:23:00 PM **Client Sample ID:** S-088210-28-071416-SP-08 Matrix: SOIL **POL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 200 7/25/2016 10:59:59 PM 26545 Chloride 6400 300 mg/Kg 1607948-009 Lab ID: Collection Date: 7/15/2016 10:00:00 AM **Client Sample ID:** S-088210-28-071516-SP-01 Matrix: SOIL **POL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 80 30 mg/Kg 20 7/22/2016 9:12:40 PM 26545 Lab ID: 1607948-010 **Collection Date:** 7/15/2016 10:05:00 AM Client Sample ID: S-088210-28-071516-SP-02 Matrix: SOIL **PQL Qual Units Analyses** Result **DF** Date Analyzed **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 120 30 mg/Kg 20 7/22/2016 9:25:04 PM 26545

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: 1607948

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/27/2016

CLIENT: GHD Lab Order: 1607948 Project: **RHNU 106** 1607948-011 **Collection Date:** 7/15/2016 10:40:00 AM Lab ID: **Client Sample ID:** S-088210-28-071516-SP-03 Matrix: SOIL **Analyses** Result **PQL Qual Units DF** Date Analyzed **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 37 30 mg/Kg 20 7/22/2016 1:33:29 PM 26559 Lab ID: 1607948-012 Collection Date: 7/15/2016 10:48:00 AM Client Sample ID: S-088210-28-071516-SP-04 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 7/22/2016 2:10:42 PM Lab ID: 1607948-013 **Collection Date:** 7/15/2016 11:50:00 AM Client Sample ID: S-088210-28-071516-SP-05 Matrix: SOIL **POL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 200 7/25/2016 11:37:12 PM 26559 Chloride 9200 300 mg/Kg 1607948-014 Lab ID: Collection Date: 7/15/2016 1:33:00 PM Client Sample ID: S-088210-28-071516-SP-06 Matrix: SOIL **POL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 130 30 mg/Kg 20 7/22/2016 2:35:31 PM 26559 Lab ID: 1607948-015 **Collection Date:** 7/14/2016 1:37:00 PM **Client Sample ID:** S-088210-28-071516-SP-07 Matrix: SOIL Result **PQL Qual Units** Analyses **DF** Date Analyzed **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 54 30 mg/Kg 20 7/22/2016 2:47:56 PM 26559

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: 1607948

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/27/2016

Analyst: LGT

26559

20 7/22/2016 3:50:00 PM

CLIENT: GHD Lab Order: 1607948 Project: **RHNU 106** Lab ID: 1607948-016 **Collection Date:** 7/15/2016 2:45:00 PM **Client Sample ID:** S-088210-28-071516-SP-08 Matrix: SOIL Analyses Result **PQL Qual Units DF** Date Analyzed **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 30 mg/Kg 20 7/22/2016 3:25:11 PM 26559 31 **Collection Date:** 7/15/2016 2:50:00 PM Lab ID: 1607948-017 Client Sample ID: S-088210-28-071516-SP-09 Matrix: SOIL Result **PQL Qual Units DF** Date Analyzed **Batch ID Analyses EPA METHOD 300.0: ANIONS** Analyst: LGT 20 7/22/2016 3:37:35 PM Chloride 160 30 mg/Kg 26559 Lab ID: 1607948-018 **Collection Date:** 7/15/2016 3:00:00 PM **Client Sample ID:** S-088210-28-071516-SP-10 Matrix: SOIL **PQL Qual Units DF** Date Analyzed Analyses Result **Batch ID**

30

mg/Kg

120

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

Qualifiers:

EPA METHOD 300.0: ANIONS

Chloride

- * 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#: **1607948**

27-Jul-16

Client: GHD
Project: RHNU 106

Sample ID MB-26545 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 26545 RunNo: 35913

Prep Date: 7/21/2016 Analysis Date: 7/22/2016 SeqNo: 1111883 Units: mg/Kg

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

Chloride ND 1.5

Sample ID LCS-26545 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 26545 RunNo: 35913

Prep Date: 7/21/2016 Analysis Date: 7/22/2016 SeqNo: 1111884 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 96.5 90 110

Sample ID MB-26559 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 26559 RunNo: 35944

Prep Date: 7/22/2016 Analysis Date: 7/22/2016 SeqNo: 1112849 Units: mg/Kg

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

Chloride ND 1.5

Sample ID LCS-26559 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 26559 RunNo: 35944

Prep Date: 7/22/2016 Analysis Date: 7/22/2016 SeqNo: 1112850 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 5 of 5



4901 Hawkins NE Albuquerque, NM 87109

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

Sample Log-In Check List

Website: www.hallenvironmental.com

GHD Work Order Number: 1607948 ReptNo: 1 Client Name: Received by/date: Logged By: Lindsay Mangin 7/19/2016 10:30:00 AM 7/20/2016 8:50:41 AM Completed By: Lindsay Mangin 07120116 Reviewed By: Chain of Custody No Not Present 1. Custody seals intact on sample bottles? No . 2. Is Chain of Custody complete? Not Present 3. How was the sample delivered? Courier Log In No NA 4. Was an attempt made to cool the samples? Yes 5. Were all samples received at a temperature of >0° C to 6.0°C No . NA Yes V No 6. Sample(s) in proper container(s)? Yes No. 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? No _ 10. VOA vials have zero headspace? Yes _ No VOA Vials 11. Were any sample containers received broken? Yes No V # of preserved bottles checked No L for pH: 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: 14. Is it clear what analyses were requested? Checked by 15. Were all holding times able to be met? Yes V No _ (If no, notify customer for authorization.) Special Handling (if applicable) 16_Was client notified of all discrepancies with this order? Yes . No . NA V Person Notified: Date By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Cooler No Temp °C Condition Seal Intact | Seal No Seal Date Signed By 27 Good

ient: (ent: CHD - Albuquerque illing Address: 6121 Indian School Rd/IE			Turn-Areand Standard Project Name	Rush					A	N.		YS	SIS	S L	AE	30		NTA	
e 200	Albuo	querque		Project #:	88210/2					awki 5-34		_	F	ax	erque 505-	345-	410			100
Mail or A/QC F Stand ccredit	Fax#: Package: dard tation	Bernar	Dockisch@ghd.com Level 4 (Full Validation)	Berna 5 Sampler:	105-280-1 Steven Pe	0572 rez	TMB's (8021)	FPH (Gas only)	/ DRO / MRO)	.1)	(1)	8270 SIMS)						300.0		î
	146/012 Soil 5088210-28-071416-58			On Ice: Sample Tem Container Type and #	Yes perature: Z Preservative Type	HEAL NO.	BTEX + MTBE + "	BTEX + MTBE +	TPH 8015B (GRO	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 82	RCRA 8 Metals	Anions (F,CI,NO3,NO2,PO4,SO2)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Toporicle 30		Air Bubbles (Y or N)
14-16		Soil	5-088210-28-071416-58-01	40z-5/45-1	Tre	-001	ш	ш	-	_	Ш	u.	T.	o.	α .	αυ	ω.	X		
	1015 1030 1257 1300 1312 1315 1423		\$-088210-28-071416-S-02 \$-088210-28-071416-SF-03 \$-088210-28-071416-SF-05 \$-088210-28-071416-SF-05 \$-088210-28-071416-SF-06 \$-088210-28-071416-SF-08			-02 -03 -03 -04 -05 -00 -07 -08												\rightarrow \right		
8-16 ate: \$/16	Time: 8:20 Time: 1900		tuen Heren	Received by Received by August (August 1997)	Like 07 correctited (aboratoris	Date Time 7/18/16 0820 Date Time 7/19/16 / 0 30 ss. This serves as notice of this		narks		b-cont	tracted	d data	will be	clear!	v nota	ted on	the ar	nalytica	réport	

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ailin			Indian School Rd NE Stello	Project Name	1370 RHI	NN 106		490	01 H	v awkir		hall						109	
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nail	or Fax#: 50 C Package:	bernaro	1-0672 1. Backisch Oghd.com	Project Mana			(8021)	only)	MRO)						S			2	
	andard		□ Level 4 (Full Validation)	, ,		0-0572	,s (80	(Gas	DRO/			SIMS)		,PO4,	2 PC			0.0	
	ditation LAP	□ Othe	er	On Ice:	/ \	□ No	+ TMB	+ TPH	(GRO / D	418.1)	504.1)	8270	co	ON'SO	8/808		(AC	30	Or N
EC	D (Type)			Sample Tem	perature: Z	7	MTBE	MTBE	B (G	poq 7	pod	(8310 or	Aetal	N.O.	ticide	OA)	ni-VC	ŝ	\(\) ss \(\)
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO.	BTEX + N	BTEX + N	TPH 8015	TPH (Method	EDB (Method	PAH's (83	RCRA 8 Metals	Anions (F,CI,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082 PCB*	8260B (VOA)	8270 (Semi-VOA)	Chloride	Air Bubbles (Y or N)
15:1	6 1000	Soil	5-088210-28-071546-58-01	4025/655-1	ICF	-009												X	
1	1005		5-088210-28-07/516-5P-02			-010											- 0	1	
1	1040		5-088210-28-071516-5P-03			-011													
	1048		S-088210-28-071516-5P-04			-017			_ 1									1	
	1150		S-088210-28-071516-59-05			-013		111											
	1333		5088210-28-07/516-SP-06			-014					_	_							
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	1445	1	G-088210-28-071516-SP-08			-016													
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ate	Time:	Ratindos	ph	Date a	ent of	7/19/16 1030													



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

July 28, 2016

Bernie Bockish

GHD

6121 Indian School Road, NE #200

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

FAX

RE: RHNU 106 OrderNo.: 1607A83

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 21 sample(s) on 7/21/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data 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: 1607A83

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/28/2016

	GHD RHNU 106			L	ab O	rder:	1607	A 83	
Lab ID:	1607A83-001			Collection Date:	7/1	8/2016	12:53:00 I	PM	
Client Sample ID:	S-088210-28-071816	-SP-01		Matrix:	so:	IL			
Analyses		Result	PQL Qual	Units	DF	Date A	nalyzed	Ba	tch ID
EPA METHOD 300	0.0: ANIONS						Ana	alyst:	LGT
Chloride		460	30	mg/Kg	20	7/22/20	16 6:43:44	PM	26559
Lab ID:	1607A83-002			Collection Date:	7/1	8/2016	1:03:00 P	M	
Client Sample ID:	S-088210-28-071816	-SP-02		Matrix:	: SO	IL			
Analyses		Result	PQL Qual	Units	DF	Date A	nalyzed	Ba	tch ID
EPA METHOD 300	0.0: ANIONS						Ana	alyst:	LGT
Chloride		310	30	mg/Kg	20	7/22/20	16 6:56:09	PM	26559
Lab ID:	1607A83-003			Collection Date:	7/1	8/2016	2:36:00 P	M	
Client Sample ID:	S-088210-28-071816	-SP-03		Matrix:	: SO	IL			
Analyses		Result	PQL Qual	Units	DF	Date A	nalyzed	Ba	tch ID
EPA METHOD 300	0.0: ANIONS						Ana	alyst:	LGT
Chloride		300	30	mg/Kg	20	7/25/20	16 2:06:23	PM	26584
Lab ID:	1607A83-004			Collection Date:	7/1	8/2016	2:50:00 P	M	
Client Sample ID:	S-088210-28-071816	-SP-04		Matrix:	: SO	IL			
Analyses		Result	PQL Qual	Units	DF	Date A	nalyzed	Ba	tch ID
EPA METHOD 300	0.0: ANIONS						Ana	alyst:	LGT
Chloride		210	30	mg/Kg	20	7/25/20	16 2:43:36	PM	26584
Lab ID:	1607A83-005			Collection Date:	7/1	8/2016	3:16:00 P	M	
Client Sample ID:	S-088210-28-071816	-SP-05		Matrix:	: SO	IL			
Analyses		Result	PQL Qual	Units	DF	Date A	nalyzed	Ba	tch ID
EPA METHOD 300	0.0: ANIONS						Ana	alyst:	LGT
Chloride		220	30	mg/Kg	20	7/25/20	16 2:56:00	PM	26584

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 6

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

DF Date Analyzed

DF Date Analyzed

DF Date Analyzed

Batch ID

Batch ID

Batch ID

Lab Order: 1607A83 Date Reported: 7/28/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 1607A83

Project: **RHNU 106**

Analyses

Analyses

Analyses

1607A83-006 **Collection Date:** 7/19/2016 10:58:00 AM Lab ID:

Client Sample ID: S-088210-28-071916-SP-01 Matrix: SOIL Result

EPA METHOD 300.0: ANIONS Analyst: LGT Chloride 200 30 mg/Kg 20 7/25/2016 3:08:24 PM 26584

PQL Qual Units

Lab ID: 1607A83-007 Collection Date: 7/19/2016 10:59:00 AM

Client Sample ID: S-088210-28-071916-SP-02 Matrix: SOIL

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

20 7/25/2016 3:20:49 PM Chloride 81 30 mg/Kg

Lab ID: 1607A83-008 **Collection Date:** 7/19/2016 11:33:00 AM

Client Sample ID: S-088210-28-071916-SP-03 Matrix: SOIL

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

EPA METHOD 300.0: ANIONS Analyst: LGT 20 7/25/2016 3:33:14 PM Chloride 230 30 mg/Kg 26584

1607A83-009 Lab ID: Collection Date: 7/19/2016 12:15:00 PM

Client Sample ID: S-088210-28-071916-SP-04 Matrix: SOIL

Result

EPA METHOD 300.0: ANIONS Analyst: LGT

POL Qual Units

PQL Qual Units

Chloride ND 30 mg/Kg 20 7/25/2016 4:10:28 PM 26584

Lab ID: 1607A83-010 **Collection Date:** 7/19/2016 12:20:00 PM

Client Sample ID: S-088210-28-071916-SP-05 Matrix: SOIL

Result

EPA METHOD 300.0: ANIONS Analyst: LGT

Chloride 66 30 mg/Kg 20 7/25/2016 4:22:53 PM 26584

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
- 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 2 of 6
- P Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Lab Order: 1607A83 Date Reported: 7/28/2016

Hall Environmental Analysis Laboratory, Inc.

Lab Order: 1607A83

DF Date Analyzed

DF Date Analyzed

20 7/25/2016 5:37:19 PM

20 7/25/2016 4:35:17 PM

Batch ID

26584

Batch ID

Project: **RHNU 106**

GHD

CLIENT:

Analyses

Chloride

Analyses

Chloride

1607A83-011 **Collection Date:** 7/19/2016 12:34:00 PM Lab ID:

Client Sample ID: S-088210-28-071916-SP-06 Matrix: SOIL Result

EPA METHOD 300.0: ANIONS Analyst: LGT

30

PQL Qual Units

mg/Kg

Lab ID: 1607A83-012 **Collection Date:** 7/19/2016 12:47:00 PM

Client Sample ID: S-088210-28-071916-SP-07 Matrix: SOIL

33

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

EPA METHOD 300.0: ANIONS Analyst: **LGT** Chloride ND 30 mg/Kg 20 7/25/2016 4:47:41 PM 26584

Lab ID: 1607A83-013 **Collection Date:** 7/19/2016 1:15:00 PM

Client Sample ID: S-088210-28-071916-SP-08 Matrix: SOIL

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

EPA METHOD 300.0: ANIONS Analyst: LGT 20 7/25/2016 5:00:05 PM Chloride 390 30 mg/Kg 26584

1607A83-014 Lab ID: **Collection Date:** 7/19/2016 1:21:00 PM

Client Sample ID: S-088210-28-071916-SP-09 Matrix: SOIL

Result

ND

EPA METHOD 300.0: ANIONS Analyst: LGT

30

POL Qual Units

mg/Kg

Lab ID: 1607A83-015 **Collection Date:** 7/19/2016 1:48:00 PM

Client Sample ID: S-088210-28-071916-SP-10 Matrix: SOIL

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

EPA METHOD 300.0: ANIONS Analyst: LGT

Chloride 300 30 mg/Kg 20 7/25/2016 6:39:22 PM 26591

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
- 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 3 of 6
- P Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Lab Order: **1607A83**Date Reported: **7/28/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 1607A83 Project: **RHNU 106 Collection Date:** 7/19/2016 2:28:00 PM Lab ID: 1607A83-016 Client Sample ID: S-088210-28-071916-SP-11 Matrix: SOIL **Analyses** Result **PQL Qual Units DF** Date Analyzed **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 30 mg/Kg 20 7/25/2016 6:51:46 PM 26591 56 Lab ID: 1607A83-017 **Collection Date:** 7/19/2016 2:32:00 PM Client Sample ID: S-088210-28-071916-SP-12 Matrix: SOIL Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: **LGT** Chloride 390 30 mg/Kg 20 7/25/2016 7:04:10 PM 26591 Lab ID: 1607A83-018 **Collection Date:** 7/19/2016 3:04:00 PM **Client Sample ID:** S-088210-28-071916-SP-13 Matrix: SOIL **PQL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 20 7/25/2016 7:16:35 PM Chloride ND 30 mg/Kg 26591 1607A83-019 Lab ID: Collection Date: 7/19/2016 3:05:00 PM **Client Sample ID:** S-088210-28-071916-SP-14 Matrix: SOIL **POL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 380 30 mg/Kg 20 7/25/2016 7:29:00 PM Lab ID: 1607A83-020 **Collection Date:** 7/19/2016 3:18:00 PM Client Sample ID: S-088210-28-071916-SP-15 Matrix: SOIL

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

75

PQL Qual Units

mg/Kg

Result

1900

Qualifiers: * Value exceeds Maximum Contaminant Level.

Analyses

Chloride

EPA METHOD 300.0: ANIONS

- 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 6

DF Date Analyzed

50 7/27/2016 5:30:27 AM

Batch ID

26591

Analyst: LGT

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

Lab Order: 1607A83

Date Reported: 7/28/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 1607A83

Project: RHNU 106

Lab ID: 1607A83-021 **Collection Date:** 7/19/2016 3:40:00 PM

Client Sample ID: S-088210-28-071916-SP-16 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
 7/25/2016 7:53:50 PM
 26591

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 5 of 6
- 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#: 1607A83

28-Jul-16

Client:	GHD										
Project:	RHNU 1	06									
Sample ID	MB-26559	SampTyp	pe: MBI	LK	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch I	D: 265	59	F	RunNo: 3	5944				
Prep Date:	7/22/2016	Analysis Dat	te: 7/2	2/2016	9	SeqNo: 1	112849	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-26559	SampTyp	pe: LCS	3	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch I	D: 265	59	F	RunNo: 3	5944				
Prep Date:	7/22/2016	Analysis Dat	te: 7/2	2/2016	9	SeqNo: 1	112850	Units: mg/K	(g		
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			
Sample ID	MB-26584	SampTyp	pe: MBI	LK	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch I	D: 265	84	F	RunNo: 3	5975				
Prep Date:	7/25/2016	Analysis Dat	te: 7/2	5/2016	5	SeqNo: 1	113849	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-26584	SampTyp	pe: LCS	3	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch I	D: 265	84	F	RunNo: 3	5975				
Prep Date:	7/25/2016	Analysis Dat	te: 7/2	5/2016	5	SeqNo: 1	113850	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		15	1.5	15.00	0	98.1	90	110			
Sample ID	MB-26591	SampTyp	pe: MBI	LK	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch I	D: 265	91	F	RunNo: 3	5975				
Prep Date:	7/25/2016	Analysis Dat	te: 7/2	5/2016	9	SeqNo: 1	113877	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-26591	SampTyp	pe: LCS	S	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch I	D: 265	91	F	RunNo: 3	5975				
Prep Date:	7/25/2016	Analysis Dat	te: 7/2	5/2016	5	SeqNo: 1	113878	Units: mg/K	g		

Qualifiers:

Analyte

Chloride

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Η Holding times for preparation or analysis exceeded

PQL

Result

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

LowLimit

HighLimit

110

E Value above quantitation range

J Analyte detected below quantitation limits

Page 6 of 6

%RPD

RPDLimit

Qual

P Sample pH Not In Range

SPK value SPK Ref Val %REC

Reporting Detection Limit RL

Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109

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

Sample Log-In Check List

Client Name:	GHD	Work Order Numbe	er: 1607A83		RcptNo:	1
Received by/da	te:	07/21/16			<u> </u>	
Logged By:	Joe Archuleta	7/21/2016 9:55:00 Al	M	DEAST		
Completed By:	Joe Archuleta	7/21/2016 11:11:21 <i>A</i>		JEAN JEAN		
	~ /	J 17/21	1/12	J.C.W		
Reviewed By:	'M	0//0/	//6			
Chain of Cus				\Box		
-	als intact on sample b	ottles?	Yes ∐	No □	Not Present ✓	
2. Is Chain of	Custody complete?		Yes 🗹	No 🗀	Not Present	
3. How was th	e sample delivered?		<u>Courier</u>			
<u>Log In</u>						
4. Was an att	empt made to cool the	e samples?	Yes	No 🗹	NA \square	
			Not re	<u>quired.</u>		
5. Were all sa	mples received at a te	emperature of >0° C to 6.0°C	Yes 🗌	No 🗹	NA \square	
6. Sample(s)	in proper container(s)	?	<u>Not re</u> Yes ✓	<u>quired</u> No ☐		
7. Sufficient sa	ample volume for indic	cated test(s)?	Yes 🗸	No 🗆		
8. Are sample	s (except VOA and O	NG) properly preserved?	Yes 🗸	No 🗀		
9. Was preser	vative added to bottle	s?	Yes 🗌	No 🗹	NA \square	
10 VOA vials h	nave zero headspace?		Yes 🗌	No 🗆	No VOA Vials	
	sample containers rec		Yes	No 🗹		
11,					# of preserved bottles checked	
•	rwork match bottle lab		Yes 🗸	No 🗆	for pH:	
•	epancies on chain of o	**	[7]	N- 🗆	(<2 o	r >12 unless noted
	es correctly identified o		Yes ⊻ Yes ✓	No □ No □		
	hat analyses were rec olding times able to be		Yes ✓	No 🗆	Checked by:	
	y customer for authori		Tes 🖳	110		
Special Han	dling (if applicab	<u>le)</u>				
16. Was client	notified of all discrepa	ncies with this order?	Yes	No 🗌	NA 🗹	
Perso	on Notified:	Date				
	/hom:	Via:	ı ☐ eMail ☐	Phone Fax	☐ In Person	
1	arding:		<u> </u>			
	t Instructions:		<u> </u>			
17. Additional	remarks:					
18. Cooler Int	formation					
Cooler		dition Seal Intact Seal No	Seal Date	Signed By	<u> </u>	
1	22.6 Good	Yes				

Chai	n-of-C	Custody Record	Turn-Around Time:					НΔ	LL	۴ı	Ńν	TR	(OI	NN	1EN	ITA	L
ent: Bu c) 50r	Dices		Rush												ГOR	
			Project Name:					ww	w.hal	lenv	ironr	nent	al.co	m			
ling Addr	ess: 6) d	1 Indian School R	LINE PHNU (00	,		490	1 Hav								109		
1 200	Mi	11M 87112	Project #:			Tel	. 505-	345-3	975	F	ax :	505-	345-	4107	,		
one #: 53	-5-88	4-0672	088210 - 28						Α	naly	/sis	Req	uest				
ail or Fax	#: Bem	ad Backisch@ \$110.1	Project Manager:			only)	MRO)				O₄)						
'QC Packa Standard		☐ Level 4 (Full Validation	Dernord Box		's (8021)	(Gas	RO / ME		SIMS)		,PO ₄ ,S	2 PCB's	:		0		
creditation	1		Sampler: 5/2 M/	(CN	TMB	표	□ (<u>-</u> =	-		NO ₂	308			0		2
NELAP		ther	On Ice:	X No] + [+	(GRO	5 Š		S	O,,	/ S	i	3	30		or N)
EDD (Typ	e)		Sample Temperature	: 23.6-locF=226	MTBE	MTBE	9	9 P	0 0	etak	Z,	side	₹	Ϋ́	`		ر ک
ate Tin	ne Mati	Sample Request	Container Preser	i HEALING	BTEX + MT	BTEX + MT	TPH 8015B	EDB (Method 504.1)	PAH's (8310 or	RCRA 8 Metals	Anions (F,CI,NO ₃ ,NO ₂ ,PO ₄ ,SO ₄)	8081 Pesticides / 8082	8260B (VOA)	8270 (Semi-VOA)	Chloride		Air Bubbles (Y
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If neces	sary, sample	submitted to Hall Environmental may b	e subcontracted to other accredited la	aboratories. This serves as notice of thi	s possit	bility. A	ny sub-	contract	ed data	will be	e clear	1y nota	ated on	the ar	nalytical r	report.	_

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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 05, 2016

Bernie Bockish GHD 6121 Indian School Road, NE #200

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

FAX

RE: RHNU 106 OrderNo.: 1607B86

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 25 sample(s) on 7/22/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data 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: **1607B86**Date Reported: **8/5/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 1607B86 Project: **RHNU 106** 1607B86-001 **Collection Date:** 7/20/2016 9:19:00 AM Lab ID: Client Sample ID: S-088210-28-072016-SP-01 Matrix: SOIL **Analyses** Result **PQL Qual Units DF** Date Analyzed **Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 130 30 mg/Kg 20 7/27/2016 5:48:04 PM 26662 Lab ID: 1607B86-002 Collection Date: 7/20/2016 9:20:00 AM Client Sample ID: S-088210-28-072016-SP-02 Matrix: SOIL Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 65 30 mg/Kg 20 7/27/2016 6:00:29 PM 26662 Lab ID: 1607B86-003 Collection Date: 7/20/2016 9:30:00 AM Client Sample ID: S-088210-28-072016-SP-03 Matrix: SOIL **POL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA 20 7/27/2016 6:37:43 PM Chloride 650 30 mg/Kg 26662 1607B86-004 Lab ID: **Collection Date:** 7/20/2016 9:49:00 AM Client Sample ID: S-088210-28-072016-SP-04 Matrix: SOIL **POL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 240 30 mg/Kg 20 7/27/2016 6:50:08 PM 26662 Lab ID: 1607B86-005 **Collection Date:** 7/20/2016 9:57:00 AM **Client Sample ID:** S-088210-28-072016-SP-05 Matrix: SOIL **PQL Qual Units Analyses** Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 34 30 mg/Kg 20 7/27/2016 7:02:33 PM 26662

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 6
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order: **1607B86**Date Reported: **8/5/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 1607B86 Project: **RHNU 106** 1607B86-006 **Collection Date:** 7/20/2016 10:08:00 AM Lab ID: Client Sample ID: S-088210-28-072016-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 7/27/2016 7:14:57 PM 26662 Lab ID: 1607B86-007 Collection Date: 7/20/2016 10:14:00 AM **Client Sample ID:** S-088210-28-072016-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 20 7/27/2016 7:27:22 PM 26662 Lab ID: 1607B86-008 **Collection Date:** 7/20/2016 10:15:00 AM **Client Sample ID:** S-088210-28-072016-SP-08 Matrix: SOIL **POL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA 20 7/27/2016 7:39:46 PM Chloride ND 30 mg/Kg 26662 1607B86-009 Lab ID: Collection Date: 7/20/2016 11:38:00 AM **Client Sample ID:** S-088210-28-072016-SP-09 Matrix: SOIL **POL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 340 30 mg/Kg 20 7/28/2016 1:04:39 PM 26663 Lab ID: 1607B86-010 **Collection Date:** 7/20/2016 11:41:00 AM **Client Sample ID:** S-088210-28-072016-SP-10 Matrix: SOIL **PQL Qual Units Analyses** Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 810 30 mg/Kg 20 7/28/2016 1:41:52 PM 26663

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 6

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Lab Order: **1607B86**Date Reported: **8/5/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 1607B86 Project: **RHNU 106** 1607B86-011 **Collection Date:** 7/20/2016 1:06:00 PM Lab ID: Client Sample ID: S-088210-28-072016-SP-11 Matrix: SOIL **Analyses** Result **PQL Qual Units DF** Date Analyzed **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 93 30 mg/Kg 20 7/28/2016 2:19:05 PM 26663 Lab ID: 1607B86-012 **Collection Date:** 7/20/2016 1:23:00 PM Client Sample ID: S-088210-28-072016-SP-12 Matrix: SOIL Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: **LGT** Chloride 84 30 mg/Kg 7/28/2016 2:31:30 PM 26663 Lab ID: 1607B86-013 **Collection Date:** 7/20/2016 1:25:00 PM Client Sample ID: S-088210-28-072016-SP-13 Matrix: SOIL **PQL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 20 7/28/2016 2:43:54 PM Chloride ND 30 mg/Kg 26663 1607B86-014 Lab ID: Collection Date: 7/20/2016 1:26:00 PM Client Sample ID: S-088210-28-072016-SP-14 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 7/28/2016 2:56:19 PM Lab ID: 1607B86-015 **Collection Date:** 7/20/2016 1:42:00 PM Client Sample ID: S-088210-28-072016-SP-15 Matrix: SOIL Result **PQL Qual Units Analyses DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 440 30 mg/Kg 20 7/28/2016 3:33:33 PM 26663

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

Qualifiers: * Value exceeds Maximum Contaminant Level.

- 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 6
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order: **1607B86**Date Reported: **8/5/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 1607B86 Project: **RHNU 106** 1607B86-016 **Collection Date:** 7/20/2016 1:55:00 PM Lab ID: Client Sample ID: S-088210-28-072016-SP-16 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 7/28/2016 3:45:58 PM 26663 Lab ID: 1607B86-017 **Collection Date:** 7/20/2016 2:23:00 PM **Client Sample ID:** S-088210-28-072016-SP-17 Matrix: SOIL Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: **LGT** Chloride 310 30 mg/Kg 7/28/2016 3:58:22 PM 26663 Lab ID: 1607B86-018 **Collection Date:** 7/20/2016 3:06:00 PM Client Sample ID: S-088210-28-072016-SP-18 Matrix: SOIL **POL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 20 7/28/2016 4:10:46 PM Chloride ND 30 mg/Kg 26663 1607B86-019 Lab ID: **Collection Date:** 7/20/2016 3:10:00 PM **Client Sample ID:** S-088210-28-072016-SP-19 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 7/28/2016 4:23:10 PM Lab ID: 1607B86-020 **Collection Date:** 7/20/2016 3:25:00 PM Client Sample ID: S-088210-28-072016-SP-20 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 7/28/2016 4:35:35 PM 26663

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 6

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Lab Order: **1607B86**Date Reported: **8/5/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 1607B86 Project: **RHNU 106** 1607B86-021 **Collection Date:** 7/20/2016 3:27:00 PM Lab ID: Client Sample ID: S-088210-28-072016-SP-21 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 7/28/2016 4:47:59 PM 26663 Lab ID: 1607B86-022 **Collection Date:** 7/20/2016 3:37:00 PM **Client Sample ID:** S-088210-28-072016-SP-Pile 1 Matrix: SOIL Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: **LGT** Chloride 4000 150 mg/Kg 100 8/1/2016 10:12:39 AM 26663 Lab ID: 1607B86-023 **Collection Date:** 7/20/2016 3:38:00 PM **Client Sample ID:** S-088210-28-072016-SP-Pile 2 Matrix: SOIL **POL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 75 50 8/1/2016 10:25:04 AM Chloride 1100 mg/Kg 26663 1607B86-024 Lab ID: Collection Date: 7/20/2016 3:39:00 PM **Client Sample ID:** S-088210-28-072016-SP-Pile 3 Matrix: SOIL **POL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 360 30 mg/Kg 20 7/28/2016 5:25:13 PM Lab ID: 1607B86-025 **Collection Date:** 7/20/2016 3:40:00 PM **Client Sample ID:** S-088210-28-072016-SP-Pile 4 Matrix: SOIL **PQL Qual Units Analyses** Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 1300 75 mg/Kg 50 8/1/2016 10:37:28 AM 26663

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 5 of 6
- 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#: **1607B86**

05-Aug-16

Client: GHD
Project: RHNU 106

Sample ID MB-26662 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 26662 RunNo: 36034

Prep Date: 7/27/2016 Analysis Date: 7/27/2016 SeqNo: 1116047 Units: mg/Kg

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

Chloride ND 1.5

Sample ID LCS-26662 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 26662 RunNo: 36034

Prep Date: 7/27/2016 Analysis Date: 7/27/2016 SeqNo: 1116048 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 93.1 90 110

Sample ID MB-26663 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 26663 RunNo: 36075

Prep Date: 7/28/2016 Analysis Date: 7/28/2016 SeqNo: 1117818 Units: mg/Kg

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

Chloride ND 1.5

Sample ID LCS-26663 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 26663 RunNo: 36075

Prep Date: 7/28/2016 Analysis Date: 7/28/2016 SeqNo: 1117819 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 92.8 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 6 of 6



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: 1607B86 GHD Client Name: Received by/date: 7/22/2016 9:50:00 AM Logged By: Lindsay Mangin 7/22/2016 1:29:57 PM Completed By: Lindsay Mangin 22/16 Reviewed By: Chain of Custody Not Present 🗹 No 🗆 Yes 🗌 1 Custody seals intact on sample bottles? Not Present Yes 🗸 No 🗌 2. Is Chain of Custody complete? 3. How was the sample delivered? Courier 1 4 1 <u>Log In</u> NA \square No 🗆 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 No 🗌 Yes 🗹 6. 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? No 🗸 NA 🗌 Yes 🗌 9. Was preservative added to bottles? No 🗆 No VOA Vials Yes 🔲 10.VOA vials have zero headspace? Yes No 🔽 11. Were any sample containers received broken? # of preserved bottles checked Yes 🔽 No 🗌 for pH: 12. Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? No 🗌 Yes 🗸 13. Are matrices correctly identified on Chain of Custody? No 🗔 Yes 🗹 14. Is it clear what analyses were requested? No 🗌 Checked by: Yes 🗹 15. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) No 🗆 NA 🔽 Yes 🗌 16. Was client notified of all discrepancies with this order? Person Notified: Date ☐ Phone ☐ Fax ☐ In Person eMail By Whom: Via: Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Seal Intact | Seal No Seal Date Signed By Temp ºC Condition Cooler No 1.3 Good Yes

Chain-of-Custody Record				Turn-Around Time:				HALL ENVIRONMENTAL												
nt: GHD-Albugnergne				☑ Standard ☐ Rush			ANALYSIS LABORATORY													
- CA-O - A - A - A - A - A - A - A - A - A				Project Name: RHNW 106			www.hallenvironmental.com													
ling Address: 6121 Indian School RANE							4901 Hawkins NE - Albuquerque, NM 87109													
:200, Albuquerque NM 87110				Project #:			Tel. 505-345-3975 Fax 505-345-4107													
ine #: 505-884-0672				088210/28			Analysis Request													
ail or Fax#: Bemard . Bockisch Oghd.com				Project Manager:			되	TPH (Gas only)	욊				(F,CI,NO ₃ ,NO ₂ ,PO ₄ ,SO ₄)	S ₂	Ì					
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Chain-of-Custody Record	urn-Around Time:	HALL ENVIRONMENTAL												
	□ standard □ Rush	ANALYSIS LABORATORY												
	Project Name: RHNW 106	www.hallenvironmental.com												
ing Address: 6/2/Tadian School RaNE		4901 Hawkins NE - Albuquerque, NM 87109												
e 200, Albuquerque, NM, 87110	Project #:	Tel. 505-345-3975 Fax 505-345-4107 Analysis Request												
ne # < 25 - 854 - 0672	088210/28													
ail or Fax#: Grard, Bochisch @ ghd-Con	Project Manager: SeMard Bockisth 505-280-0572	(21) (21) (31) (31) (31) (31) (31)												
QC Package:	505-289-0577	(Gas o (Gas o SIMS) SIMS) SIMS) O, O												
Standard		TMB's (8021) TPH (Gas onl D / DRO / MR(3.1) 3.1) 3.70 SIMS) / 8082 PCB's / 8082 PCB's / 90 O, O 3 O O, O												
// Caltation	Sampler: Heve (CPU) On Ice: □Yes □ No	+ TMB + TPH + TPH + TPH 118.1) 504.1) 103.NO OA) OA) (or N)												
EDD (Type)	Sample Temperature: 3.3-2.00=1.3	BTEX + MTBE + TMB's (8021) BTEX + MTBE + TMB's (8021) BTEX + MTBE + TPH (Gas only) TPH 8015B (GRO / DRO / MRO) TPH 8015B (GRO / DRO / MRO) TPH (Method 504.1) EDB (Method 504.1) PAH's (8310 or 8270 SIMS) RCRA 8 Metals Anions (F,CI,NO ₃ ,NO ₂ ,PO ₄ ,SO ₄) 8260B (VOA) 8260B (VOA) 8270 (Semi-VOA) Air Bubbles (Y or N)												
	Container Preservative	BTEX + MTBE BTEX + MTBE BTEX + MTBE TPH 8015B (G TPH 8015B (G TPH (Method 4 EDB (Method 4 Anions (F,Cl,N 8081 Pesticide 8260B (VOA) 8270 (Semi-V Air Bubbles (
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ate: Time: Relinquished by:	Received by: Date Time aum Mm 07/22/16 095													
	to the distribution of the analytical report.													

Chain-of-Custody Record				Turn-Around Time:						Н	AI	LL	EI	NV	/IF	10	N	1E	NT	AL	
nt:	ZHD	Albuque	rand	Standard □ Rush			-	Silva Silva											\TC		
	<u> </u>	(, , , , , , , , , , , , , , , , , , ,	<u> </u>	Project Name:			www.hallenvironmental.com														
ing /	Address:	61211	Indian School Rel NE	BHN4106			4901 Hawkins NE - Albuquerque, NM 87109														
e 200, Albuqueque, NM, 87110				Project #: 088210/28				Tel. 505-345-3975 Fax 505-345-4107													
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ne#: 595-804-0672 ill or Fax#: Bernard, Back, 3ch Oghd. con				Project Manager:			=	U _y	စ္က					04)	ا ر						
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redit	tation			Sampler: Steve Core			TMB's (8021)	IPH.	0/0	=	Ξ	270		8	8082			(~			î
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ite	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO.	BTEX + M	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270	RCRA 8 Metals	Anions (F,CI,NO3,NO2,PO4,SO4)	8081 Pesticides	8260B (VOA)	8270 (Semi-VOA)	Chlorica			Air Bubbles (Y or N)
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

September 07, 2016

Bernie Bockish GHD 6121 Indian School Road, NE #200 Albuquerque, NM 87110 TEL: (505) 884-0672

FAX

RE: RHNU 106 OrderNo.: 1609137

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 5 sample(s) on 9/2/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data 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: **1609137**Date Reported: **9/7/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 1609137 Project: **RHNU 106** 1609137-001 **Collection Date:** 8/30/2016 1:05:00 PM Lab ID: Client Sample ID: S-088210-28-083016-SP-01 Matrix: SOIL **Analyses** Result **PQL Qual Units DF** Date Analyzed **Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 180 30 mg/Kg 20 9/6/2016 4:44:09 PM 27353 Lab ID: 1609137-002 **Collection Date:** 8/30/2016 1:10:00 PM Client Sample ID: S-088210-28-083016-SP-02 Matrix: SOIL Result **PQL Qual Units DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 79 30 mg/Kg 9/6/2016 4:56:34 PM 27353 Lab ID: 1609137-003 **Collection Date:** 8/30/2016 1:15:00 PM **Client Sample ID:** S-088210-28-083016-SP-03 Matrix: SOIL **POL Qual Units DF** Date Analyzed Analyses Result **Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 63 30 mg/Kg 20 9/6/2016 5:08:58 PM 27353 1609137-004 Lab ID: Collection Date: 8/30/2016 1:20:00 PM Client Sample ID: S-088210-28-083016-SP-04 Matrix: SOIL **POL Qual Units** Analyses Result **DF Date Analyzed Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 51 30 mg/Kg 9/6/2016 5:21:23 PM 27353 Lab ID: 1609137-005 **Collection Date:** 8/30/2016 2:30:00 PM Client Sample ID: S-088210-28-083016-SP-05 Matrix: SOIL **PQL Qual Units Analyses** Result **DF** Date Analyzed **Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 100 30 mg/Kg 20 9/6/2016 5:33:47 PM 27353

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 2

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#: **1609137**

07-Sep-16

Client: GHD
Project: RHNU 106

Sample ID MB-27353 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 27353 RunNo: 37022

Prep Date: 9/6/2016 Analysis Date: 9/6/2016 SeqNo: 1147575 Units: mg/Kg

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

Chloride ND 1.5

Sample ID LCS-27353 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 27353 RunNo: 37022

Prep Date: 9/6/2016 Analysis Date: 9/6/2016 SeqNo: 1147576 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 94.8 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

Client Name: GHD	Work Order Number:	1609137		RcptNo:	1
Received by/date:	09/02/16				
Logged By: Lindsay Mangin	9/2/2016 12:54:00 PM		July Hly	· ·	
Completed By: Lindsay Mangin	9/2/2016 3:23:07 PM		June Hay	,	
Reviewed By: # 09/06/16					
Chain of Custody					
1. Custody seals intact on sample bottles?		Yes 🗌	No 🗆	Not Present ✓	
2. Is Chain of Custody complete?		Yes 🗸	No 🗆	Not Present	
3. How was the sample delivered?		Client			
<u>Log In</u>					
4. Was an attempt made to cool the sample	es?	Yes 🗹	No 🗔	NA \square	
5. Were all samples received at a temperature	ure of >0° C to 6.0°C	Yes 🔽	No 🗆	na 🗆	
6. Sample(s) in proper container(s)?		Yes 🗹	No 🗀		
7. Sufficient sample volume for indicated tes	st(s)?	Yes 🗹	No 🗆		
8. Are samples (except VOA and ONG) prop	perly preserved?	Yes 🗹	No 🗌		
9. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗆	
10.VOA vials have zero headspace?		Yes 🗌	No 🗆	No VOA Vials 🗹	
11. Were any sample containers received bro	oken?	Yes	No 🗹	# 05	
				# of preserved 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:	
, , , , , , , , , , , , , , , , , , , ,					
Special Handling (if applicable)					
16. Was client notified of all discrepancies wit	h this order?	Yes 🗌	No 🗆	NA 🗹	
Person Notified:	Date		the state of the s		
By Whom:	Via:	_ eMail [☐ Phone ☐ Fax	☐ In Person	
Regarding:					
Client Instructions:					
17. Additional remarks:					
18. Cooler Information			1	ı	
	Seal Intact Seal No S	Seal Date	Signed By		
1				l	

C	hain-	-of-Cu	stody Record	Turn-Around	Time:			=					E !	NI Z	TE	200	NI B	a E	NT	'A I	
Client:	GH1)-	Albugi	regive.	Standard	□ Rush			EW		_									\TC		
		i	<i>,</i> , , , , , , , , , , , , , , , , , ,	Project Name):							.hall									
Mailing	Address	:6121	Indian School Roll WE	RH	NU 101	6		490)1 Ha								ли М 87	'109			
J. 9	200 1	10 -	- 1110 87110	Project #:			1		I. 50					-			410				
Phone :	#: \(\int_0	5-28	que NM 87110 40672	08	8210/28	8		10	1. 00	0-04	0-00					uesi					
email o	r Fax#: [Zernaro	1 Bockisch	Project Mana	ger:			<u>(</u>	(jel					(4)							
	Package:			Bern	Bernard Bochisch			s or	Dies					4,SC	B's						
□ Stan	dard		☐ Level 4 (Full Validation)	5	05-280-6	0572	(Gas/Diesel) (Cas/Diesel) (Cas/Desel) (Cas/Diesel) (Cas/Diesel) (Cas/Diesel) (Cas/Diesel) (Cas/Diesel) (Cas/Diesel)														
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				Of 106.	ix res perature:	LAS	<u>Н</u>	Щ Н	801	141	25	٩	SE	ON	les /	_ '	Ø	•	Ì		\ o
Date	Time	Matrix	Sample Request ID	Delignation of Admin Management of Same votes & Automation	Preservative Type	vit 6 25 256 2 250 2	BTEX + MTBE	BTEX + MTBE	TPH Method 8015B	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,CI,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082 PCB	8260B (VOA)	8270 (Semi-VOA)	Chloride			Air Bubbles (Y or N)
R-3016	1305	Sel	5-088210-28-083016-58-01	402 alass-1	JÆ	-001												N		\top	
ر در ر ا	1310	1	5-088210-28-083216-5P-0Z	1	1	-007															
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Appendix B Waste Manifests

LEA LAND DISPOSAL SITE NEW MEXICO MILE MARKER #64 US HWY 62/180 · 30 MILES EAST OF CARLSBAD, NM · PHONE (575) 887-4048

	LEA LA	AND, LLC DMA CITY, OK 73106 •	PHONE (4	05) 236-42	257	DR	
NOI	N-HAZARDOUS WASTE MANIFEST NO	115006	1. PAG	GEOF_	2. TRAII	LER NO.	#1000
G E	3. COMPANY NAME	npion Dr. STATE TX.	z 797	ZIP 6. T	7/8/2016 7/8/2016		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONT.	AINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	aNon-Regulated, Non Hazardous Waste		1	CM		Y	
E	b. c.						
R	WT 47,220 43,160 40	,040					
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: RHNU 108	13042	7		13. WASTE P	ROFILE N	O.
Т	14. IN CASE OF EMER NAME PHONE NO KIN SLAUGHTER 575-887-404		L, CON	TACT	24-HOUR	. EMERGE	NCY NO.
0	15.GENERATOR'S CERTIFICATION: I Hereby declare the shipping name and are classified, packed, marked, and labeled, and are in international and national government regulations, including applicable states.	n all respects in proper co	ondition for	transport	by highway acc	ording to a	nnlicable
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 EMERGENCY PHONE: (575) 441-7330	EMERGENCY PH	ERGENCY		RTER (2)		
R T E R S	PRINTED/TYPED NAME OF PRINTED/TYPED/TY	19. TRANSPO: PRINTED/TYPED /8/2051@NATURE	RTER (2			•	aterial
D F	Lea Land LLC ADDRESS:	ile Marker 64, U. Miles East of Ca	S. Hwy	62/180	PHONE:	575-88	7-4048
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 Hereb facility is authorized and permitted to receive such wastes.	y certify that the above of	described w	astes were	delivered to th	is facility,	that the
L Y	AUTHORIZED SIGNATURE	CELL NO.	/	DATE	7/8/2046	Ö	, ID

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

(date)				75100		(105) 250 1			L
NO	N-HAZARDOUS WASTE MANIFE	ST	NO ,	115007	1. PA	GEOF_	2. TRAII	LER NO.	[‡] /1077
	3. COMPANY NAME 4	. ADDI	RESS						
G	E.O.G Resources	5509	Champ	ion D					
		CITY		STAT		6. T	NRCC I.D. NO).	
E	(432) 686-3705	Midla	ınd			702			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	:			1	TAINERS	9. TOTAL	10. UNIT	11. TEXAS
N	a Non-Regulated, Non Hazardous Waste				No.	Type CM:	QUANTITY	Wt/Vol.	WASTE ID #
IN								Y	
	b.								
E	c.				-				
l									
R	WT 2351, 1908	7	2/	11.20					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:	0		FURD	01.		13. WASTE P	POEILE N	
١.	RHNU 108			\sim \mathcal{L}	LU	Q_{1}	IJ. WASIE P	ROFILE N	0.
A	INTINO 100		16	2 100,0	PLC				
				ENCY OR SPI					
Т		PHON	-						
			87-4048						
0	15. GENERATOR'S CERTIFICATION: I h	Hereby	declare that	the contents of this co	onsignmer	nt are fully	and accurately	described a	bove by proper
ľ	shipping name and are classified, packed, marked, and la international and national government regulations, inclu	abered, ading ap	and are in ai oplicable stat	respects in proper co	the same	r transport materials p	by highway acc reviously appro	ording to ap	pplicable A LAND, LLC
,	PRINTED/TYPED NAME			SIGNATURE			7 11		
R				SIGNATURE					DATE
70	TRANSPORTER (I)				<u>-</u>				
T R	16. TRANSPORTER (1)			17.	TF	RANSPO	RTER (2)		
A	NAME: SDR ENTERPRISE LI	LC:		NAME:					
N	TEXAS I.D. NO.			TEXAS I.D. NO.					
S P	IN CASE OF EMERGENCY CONTACT:	en.	ANNON				_		,
0				IN CASE OF EME	RGENCY	CONTAC	Т:		
R	EMERGENCY PHONE: (575) 2 18. TRANSPORTER (1): Acknowledgment of re			EMERGENCY PH		(2)			
T		-		19. TRANSPO			wledgment of r	eceipt of m	aterial
E R	PRINTED/TYPED NAME TO DUYO S SIGNATURE TSOURS GOREIZ	7ar	412 /	A PRINTED/TYPED	NAME_				
S	GOVERNO TERMENTA CARROLA	1	7/0	2046					
	SIGNATURE	AYS	1101	20si@nature			D	ATE	
		ADDR	ESS:				PHONE:		
D E	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	arlsbad	, NM			
S C	PERMIT NO.			20. COMMENTS					
PI	WM-01-035 - New Mexico	0							
O L S I	21.DISPOSAL FACILITY'S CERTIFICAT	FION:	I Hereby co	ertify that the above d	escribed v	varter were	delivered to th	in facility t	hat the
AT	facility is authorized and permitted to receive such wast	tes.	. 1 1101009 0	orary mar me above d	cscribed (vasies were	denvered to th	is racinty, t	nat the
L Y	AUTHORIZED SIGNATURE			CELL NO.		DATE		Tria	AE:
	MAN MAIS),		CLUL IVO.		DATE	7/0/0040	TIM)'
	CHURCH COUNTY	113					7/8/2016		.15
GENER	ATOR: COPIES 1 & 6	MISP							

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 ST		ND, LLC A CITY, OK 73106 • 1	PHONE (405)	236-4257	2	DF	3
NOI	N-HAZARDOUS WASTE MANIF	EST NO	115010	1. PAGE_	_OF	2. TRAIL	ER NO.	DOLO
G	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 686-3705	4. ADDRESS 5509 Champ CITY Midland	ion Dr. STA E TX.	ZIP 79706	7/	C-UP DATE 11/2016 CC I.D. NO.		
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE		TX.	8. CONTAIN			10. UNIT	1
N	a Non-Regulated, Non Hazardous Wasi	te			pe QI	UANTITY	Wt/Vol.	WASTE ID #
E	b. c.							
Ŕ	WT 41240 4834E	47.08	30					
A	12. COMMENT'S OR SPECIAL INSTRUCTIONS: RHNU 106		121 /	1.8	13	. WASTE PR	OFILE N	O.
	14. IN CA		ENCY OR SPIL	<i>L,</i> CONTA	CT			
Т	NAME KIN SLAUGHTER	PHONE NO 575-887-4048				24-H		
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, and international and national government regulations, inc	I Hereby declare that	l respects in proper co	ndition for tran	sport by h	nighway acco	rding to ar	nnlicable
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:	<u>LLC</u> SHANNON	17. NAME: TEXAS I.D. NO. IN CASE OF EME		SPORT	TER (2)	-	
R T	EMERGENCY PHONE: (575) 18. TRANSPORTER (1): Acknowledgment of	7 441-7330 Freceipt of material	EMERGENCY PH 19. TRANSPOI		Acknowle	dgment of re	ceipt of m	aterial
E R S	PRINTED/TYPED NAME SIGNATURE	DATE 7/11/	printed/typed			·	TE_	
D F	Lea Land, DL	ADDRESS: Mile	Marker 64, U. Miles East of Ca	S. Hwy 62	2/180,	PHONE:	575-88	7-4048
I A 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 w	ATION: I Hereby castes.	ertify that the above d	escribed waste	s were del	livered to this	facility, t	hat the
L Y	AUTHORIZED SIGNATURE SONTAL SONSAL	12 to 12 to 14 to 14 to 1	CELL NO.		DATE 7 /-	11/2016	TIN	1:40
GENER	ATOR: COPIES 1 & 6	DISPOSAL SITE	E: COPIES 2 & 3			TRANSPO	R	

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

LEA LAND, LLC

Distriction in			MA CITY, OK 73106 •	PHONE ((405) 236-4	257	Uh		
NO	N-HAZARDOUS WASITE MANII	FEST NO	115011	1. PA	GE_OF	2. TRAI	LER NO.	#/007	
G,	3. COMPANY NAME E.O.G Resources PHONE NO (432) 686-3705	4. ADDRESS 5509 Cham CITY Midland	pion D S	70		-			
	7. NAME OR DESCRIPTION OF WASTE SHIPP	ED:		1	TAINERS	9. TOTAL	10. UNIT		
N	aNon-Regulated, Non Hazardous Was	ste		No.	Туре	QUANTITY	Wt/Vol.	WASTE ID	
E	b. c.								
R	dwt 21,480 24 U	40 2	27,400			13. WASTE P	ROFILE N	0	
A	RHNU 106	Ta	73.520			10, 1110121	NOTILE IN	0.	
T	NAME KIN SLAUGHTER 15.GENERATOR'S CERTIFICATION:	PHONE NO -575-887-4048	the contents of this co		A or E.U.	10 0 10 N/C 0 100			
0	shipping name and are classified, packed, marked, ar international and national government regulations, in								
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: (575) 18. TRANSPORTER (1): Acknowledgment of the contact of the	SHANNON	17. NAME: TEXAS I.D. NO. IN CASE OF EME EMERGENCY PH 19. TRANSPOI	RGENCY ONE:	' CONTAC		eceint of m	ateria!	
E R S	SIGNATURE T3 DUTO GATOO	Garcia N	1	NAME_			ATE		
D F I A	Lea Land, LLC		e Marker 64, U. Miles East of Ca),	575-881	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 w	ATION: I Hereby o	certify that the above de	escribed w	astes were	delivered to thi	s facility, th	nat the	
L Y	AUTHORIZED SIGNATURE ONZO ATOR: COPIES 1 & 6	liz	CELL NO.				TIM	,	

LEA LAND DISPOSAL SITE NEW MEXICO MILE MARKER #64 US HWY 62/180 · 30 MILES EAST OF CARLSBAD, NM · PHONE (575) 887-4048

	L 1300 WEST MAIN STREET	EA LA	AND, LLC MA CITY, OK 73106 •	PHONE (405) 236-4	257	mir	
NO	N-HAZARDOUS WASTE MANIFEST	NO	115012	1. PA	GEOF_	2. TRAI	LER NO.	322
G E	E.O.G Resources 550 PHONE NO. CITY	·	pion Dr. STATE TX.			7/11/2016 NRCC I.D. NO		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				TAINERS	9. TOTAL	IO. UNIT	The second secon
N	^a ·Non-Regulated, Non Hazardous Waste			No.	Туре	QUANTITY	Wt/Vol.	WASTE ID
E	b. c.							
R	dwt: 44,080 49460 12. COMMENTS OR SPECIAL INSTRUCTIONS:	47	540					
A	RHNU 108	16	141 087)		13. WASTE P	ROFILE N	Ο.
Т	KIN SLAUGHTER 575	NE NO - 887-4048					EMERGE	
O R	15.GENERATOR'S CERTIFICATION: I Hereb shipping name and are classified, packed, marked, and labeled international and national government regulations, including PRINTED/TYPED NAME	y declare that d, and are in a applicable sta	the contents of this co il respects in proper conte regulations, and are	nsignment ndition for the same 1	are fully a transport b materials pr	nd accurately on highway accreviously appro	ording to ap	pplicable A LAND, LLC
K			J.G.W. Old					DATE
T R A N S	16. TRANSPORTER (1) NAME: SDR: ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SP	HANNON	17. NAME: TEXAS I.D. NO.			RTER (2)		
O R	EMERGENCY PHONE: (575) 441-	7230	IN CASE OF EMER	ONE:				
T E R S	PRINTED/TYPED NAME Chilo Borg		19. TRANSPOR	NAME			eceipt of ma	nterial
-			2016NATURE			D/	ATE	
F	Lea Land, LLC		Marker 64, U.S liles East of Ca			PHONE:	575-887	7-4048
S C	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS					
1	21.DISPOSAL FACILITY'S CERTIFICATION facility is authorized and permitted to receive such wastes.	N: I Hereby co	ertify that the above de	scribed wa	istes were o	delivered to this	s facility, th	nat the
	AUTHORIZED SIGNATURE MONZAUZ		CELL NO.		DATE 7	7/11/2016	TIM	55
ENERA	ATOR: COPIES 1 & 6 DIS	POSAL SITE	: COPIES 2 & 3			TRANSPO	RTERS: CO	OPIES 4 & 5

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

LF 1300 WEST MAIN STREET •	CA I	LAND, LLC	• PHONE (405)	126 4257
ASTE MANIFEST		115012	1 PACE	05

NC	N-HAZARDOUS WASTE MANIE	EST NO	115013	I DA	CE OF		1111	0.17			
	3. COMPANY NAME	4. ADDRESS	113012	I. PA	GEOF_		LER NO.	311			
G	E.O.G Resources	5509 Cham	npion Dr.		5. P	7/11/2016	3				
	PHONE NO.	CITY	STATE		ZIP 6. T	6. TNRCC I.D. NO.					
E	(432) 686-3705	Midland	TX.		706	TARCO I.D. NO	<i>)</i> .				
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:			TAINERS	9. TOTAL	10. UNIT	11. TEXA			
N	^a Non-Regulated, Non Hazardous Was	te		No.	Type CM	QUANTITY	Wt/Vol.	WASTE ID			
	b.										
E	C.										
R	dwT 42,400 48,400	2 46,	900								
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: RHNU 106		7 12 4 5	2		13. WASTE P	ROFILE NO	О.			
	14. IN CA	SE OF ENCE	2 13111	00							
Т	NAME IN CA	PHONE NO	GENCY OR SPIL	L, CON	TACT	24 HOUR	EMERGEN				
	KIN SLAUGHTER	57-5-887-4048	3			24-HOUR	EMERGEN	NCY NO.			
О	15.GENERATOR'S CERTIFICATION: I shipping name and are classified, packed, marked, and international and national government regulations, inc	Hereby declare that labeled, and are in luding applicable st	t the contents of this cor all respects in proper con	nsignment	are fully a	nd accurately o	lescribed ab	ove by prope plicable			
R	PRINTED/TYPED NAME	approud of	SIGNATURE	ine same i	naterials pr	eviously appro					
							1	DATE			
Т	16. TRANSPORTER (1)		17.	TR	ANSPOR	RTER (2)					
R A	NAME:		NAME	110	AI 10I OI	CLER (2)					
N	SDR ENTERPRISE I	LLC	NAME:								
S			TEXAS I.D. NO.								
P O	IN CASE OF EMERGENCY CONTACT:	SHANNON	IN CASE OF EMER	GENCY	CONTACT	:					
3	EMERGENCY PHONE: (575)	A41-7330 ·	EMERGENCY PHO	NE:							
7	18. TRANSPORTER (1): Acknowledgment of		19. TRANSPOR	TER (2): Acknow	ledgment of red	ceipt of mat	erial			
E R		amos	PRINTED/TYPED 1	NAME							
S	SIGNATURE CALLERO Dans	DATE 7/11	20:16 NATURE			DA	TE				
		ADDRESS:				PHONE:					
F	Lea Land, LLC	Mile	e Marker 64, U.S	. Hwy	62/180.		75-887	-4048			
A			Ailes East of Car				75 007	1040			
C I L	PERMIT NO. WM-01-035 - New Mexic		20. COMMENTS								
I T	21. DISPOSAL FACILITY'S CERTIFICA' facility is authorized and permitted to receive such was	ΓΙΟΝ: I Hereby o	ertify that the above des	cribed was	stes were de	elivered to this	facility, tha	t the			
3.7	AUT HORIZED SIGNATURE		CELLNO		DATE		TIME				
Y	AUTHORIZED SIGNATURE	Λ	CELL NO.	1	DATE		1110134				
Y	MANTON MANZON	000	CELL NO.		DATE	/11/2018	TIME	(70)			

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

				11					
	1300 WEST MAIN ST			ND, LLC A CITY, OK 73106 • 1	PHONE (4	405) 236-4	257	m) n	·
NO	N-HAZARDOUS WASTE MANIF	EST	NO	115022	1. PAG	GEOF_	2. TRAII	LER NO.	217
G E	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 686-3705	4. ADDR 5509 CITY Midla	Champ	ion Dr. STATE TX.		1	7/12/2016 TNRCC I.D. NO		
_	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:			8. CONT	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	^a Non-Regulated, Non Hazardous Was	te			1 =	CM	QUANTITI	Y	WASTE ID#
E	b. c.								
R	dwt: 44,100 47,5 12. COMMENTS OR SPECIAL INSTRUCTIONS:	SLED		39,280					
A	RHNU 106		-10	a 12/a	DDI	5	13. WASTE P	ROFILE N	O.
Т	14. IN CANAME KIN SLAUGHTER	PHONE		ENCY OR SPIL	L, CON	TACT	24-HOUR	EMERGE	NCY NO.
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, and international and national government regulations, in	I Hereby o	declare that	l respects in proper co	ndition for	r transport	hy highway acc	ording to a	pplicable
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: (575) 18. TRANSPORTER (1): Acknowledgment of PRINTED/TYPED NAME/N UCLYO SIGNATURE/CLUCKO BANGA	SHA	f material	17. NAME: TEXAS I.D. NO. IN CASE OF EME EMERGENCY PHO 19. TRANSPOR PRINTED/TYPED 20:16 20:16 20:17 20:18	RGENCY ONE: RTER (2	CONTAC	wledgment of r	•	
D F I A	Lea Land, LLC	ADDR	Mile	Marker 64, U.S files East of Ca			PHONE:	575-88	7-4048
S C P I O L	WM-01-035 - New Mex			20. COMMENTS					
S I A T	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	delivered to th	is facility, t	hat the
L Y	AUTHORIZED SIGNATURE)		CELL NO.		DATE		TIN	ME

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

LEA LAND, LLC

	1300 WEST MAIN ST	REET • OKLAHON	MA CITY, OK 73106 • F	PHONE (4	405) 236-	4257	em	lhi
NO	N-HAZARDOUS WASTE MANIF	EST NO	115023	i. PAG	GEO	F 2. TRAII	LER NO.	# 322
G	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 7/12/2018 TNRCC I.D. NO		
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE				TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	^a Non-Regulated, Non Hazardous Wast	е		. 1	CM	Quintini	Y	WHOLE ID H
E	b.							
R	dwt: 40,040 30	440	39,720			13. WASTE P	ROFILE N	O.
A	RHNU 106	- Wa	126	100)			
Т	NAME KIN SLAUGHTER	SE OF EMERO PHONE NO 575-887-4048	GENCY OR SPIL	L, CON	TACT	24-HOUR	EMERGE	NCY NO.
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, and international and national government regulations, inc	Hereby declare that labeled, and are in	t the contents of this co	ndition for	r fransnor	t hv highway acc	ording to a	nnlicable
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 EMER	RGENCY		ORTER (2) CT:		
R T E R S	PRINTED/TYPED NAME Enclos Resistanture	receipt of material	19. TRANSPOR PRINTED/TYPED 2/2091@NATURE	RTER (eceipt of m	aterial
D F I A S C	Lea Land, LLC	ADDRESS:	e Marker 64, U.S Miles East of Ca			PHONE:	575-88	7-4048
P I O L S I A T	WM-01-035 - New Mexical Property of the Mexical States of the Mexi	ATION: I Hereby		escribed w	vastes we	re delivered to th	is facility, t	hat the
LY	AUTHORIZED SIGNATURE 100021	Doz.	CELL NO.	-	DAT	7/12/2016	TIM	1E 3:45

GENERATOR: 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

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

) 1		
NOI	N-HAZARDOUS WASTE MANIF	TEST NO	115024	1. PA	GEC	DF	2. TRAIL	er no.	# DOL
G	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 886-3705	4. ADDRESS 5509 Champi CITY Midland	STATE TX.			7/1	-UP DATE 12/2016 CC I.D. NO.		
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:		8. CON	TAINER Type		TOTAL	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	^a Non-Regulated, Non Hazardous Wasi	te		1,	CM	<u> </u>	. ;	Υ (7 VOI.	WASTEID#
E	b. c.								
R	WT-43580 4124	D 3°	1740						
A	12. COMMENTS OR SPECIAL INSTRUCTIONS:	Ta	12251			13.	WASTE PI	ROFILE N	O.
Т	NAME KIN SLAUGHTER	SE OF EMERG PHONE NO 575-887-4048	ÉNCY OR SPIL				24-HOUR		1118
О	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, and are in al	l respects in proper co-	ndition for	r transpo	ort by h	ighway acco	ording to ar	nnlicable
R	PRINTED/TYPED NAME		SIGNATURE						
T R A N S P	16. TRANSPORTER (1) NAME: SDR ENTERPRISE TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 4575	SHANNON	17. NAME: TEXAS I.D. NO. IN CASE OF EME	RGENCY			ER (2)		
R T E R S	18. TRANSPORTER (1): Acknowledgment of PRINTED/TYPED NAME SIGNATURE	BUEID	EMERGENCY PH 19. TRANSPOI PRINTED/TYPED 20:16 NATURE	RTER (cceipt of m	aterial
D F	Lea Land, LLC		Marker 64, U. Iiles East of Ca		,	80,	PHONE:	575-88	7-4048
S C P I O L	PERMIT NO. WM-01-035 - New Mex		20. COMMENTS						
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION: I Hereby covastes.	ertify that the above d	lescribed v	wastes w	ere del	ivered to thi	s facility, t	hat the
LY	AUTHORIZED SIGNATURE MONTO ON:2	0012/	CELL NO.		DA		12/2016	AIT S	3.5D

GENERATOR: 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

NO	ON-HAZARDOUS WASTE MANIFEST NO	115025	<u> </u>			DK				
G E	3. COMPANY NAME 4. ADDRESS	mpion D STA	1. PA	GEOF	TNRCC I.D. N	O.	<u>'''()()'</u>			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			TAINERS	9. TOTAL	10. UNIT	1			
N	^a Non-Regulated, Non Hazardous Waste		No.	Type CM	QUANTITY	Wt/Vol.	WASTE ID			
E	b. c.									
R	dwt: 24,520 20720 2 12. COMMENTS OR SPECIAL INSTRUCTIONS:	0,360								
A	RHNU 108	TO 1.4	(10)		13. WASTE F	PROFILE N	O.			
T O	14. IN CASE O M NAME P KIN SLAUGHTER 5 -4 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	he same r	naterials p	reviously appro	oved by LEA	DATE			
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SHANNON EMERGENCY PHONE: (575) 441 7330 18. TRANSPORTER (1): Acknowledgment of receipt of materia PRINTED/TYPED NAME ASSURA GARCIA MATE 7/1	EMERGENCY PHO 19. TRANSPOR	GENCY NE: TER (2	CONTACT	rledgment of re	eceipt of ma	iterial			
O F I A S C P I	PERMIT NO. WM-01-035 - New Mexico	Mile Marker 64, U.S. Hwy 62/180, 575-887-4048 O Miles East of Carlsbad, NM 20. COMMENTS								
S I T Y	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby facility is authorized and permitted to receive such wastes. AUTHORIZED SIGNATURE ATOR: COPIES 1 & 6	certify that the above des	cribed wa	DATE	delivered to this	s facility, the				

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 MATIVES	I KEET • OKLA	noma citi	1, UK /3100 •	PHONE (405)	230-423/
		- 10 m				
TON IT A 7 A DINOTTO YOU	A COUNTY IS AS A SERVICE	TITL COLORS	4 1 1			

						_ C) 4	<u> 2 KY 11</u>	111		
NON	N-HAZARDOUS WASTE MANIF	EST NO	115035	1. PAGE	OF_	2. TRAIL	ER NO.	317		
	3. COMPANY NAME	4. ADDRESS			5. P	ICK-UP DATE				
, G	E.O.G Resources	5509 Champ	ion Dr.			7/13/2016				
	PHONE NO.	CITY	STATE	ZII	6. T	TNRCC I.D. NO.				
	(432) 686-3705						•			
E		Midland	TX.	7970						
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:		8. CONTA	INERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #		
N	a.Non-Regulated, Non Hazardous Wast	e	1	1	CM	QUALITA	Y	WASILID#		
	b.		*****							
175							l			
E	c.									
R	WT: 40.240 45	800	40740							
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE P	ROFILE N	O.		
A	RHNU 108		IOI M	7>						
A	RHNU 100	-1a	12678							
		SE OF EMERG	ENCY OR SPIL	L, CONT	ACT					
Т	NAME PHONE NO 24-HOUR EMERGENCY NO.									
	KIN SLAUGHTER	575-887-4048								
	15.GENERATOR'S CERTIFICATION:	I Hereby declare that	the contents of this co	ncionment o	ro fully a	and againstali.	dosomihad a	have by manage		
0	snipping name and are classified, packed, marked, and	d labeled, and are in a	ll respects in proper co	ndition for tr	ansport 1	hy highway acc	ording to a	pplicable		
	international and national government regulations, in	cluding applicable sta	te regulations, and are	the same ma	iterials p	reviously appro	ved by LE.	A LAND, LLC		
R	PRINTED/TYPED NAME		SIGNATURE					DATE		
Т	16. TRANSPORTER (1)		1.5	(TID A	NGDO	DEED (A)				
R	10. IKANSFORTER (1)		17.	IKA	NSPU.	RTER (2)				
A	NAME: SDR ENTERPRISE	II C	NAME:							
N	TEXAS I.D. NO.	<u>LLW</u>	TEXAS I.D. NO.							
S						_				
P O	IN CASE OF EMERGENCY CONTACT:	SHANNON	IN CASE OF EME		ONTAC	Т:				
R	EMERGENCY PHONE: (575) 441-7330	EMERGENCY PH							
T	18. TRANSPORTER (1): Acknowledgment o	f receipt of material	19. TRANSPOI	RTER (2)	Ackno	wledgment of re	eceipt of m	aterial		
E	PRINTED/TYPED NAME / LUG YO	Bamos	PRINTED/TYPED	NAME						
R S	al Tiero la sur						-			
3	SIGNATURE COLUEN Prems	DATE 7/13	20916NATURE			D	ATE			
	~	ADDRESS:				BHONE				
	Lea Land, LLC		. Mauleeu (4. TT	O TT	CO /1 O/	PHONE:	575 00	7 4040		
D F	Lea Land, LLC		Marker 64, U.	-),	575-88	7-4048		
I A		30 N	Miles East of Ca	arlsbad, N	VM					
S C	PERMIT NO.	_	20. COMMENTS							
PI	WM-01-035 - New Mex	ico								
O L	21 DISPOSAL FACILITYIS CEPTIFIC	ATIONLY								
S I A T	21. DISPOSAL FACILITY'S CERTIFICATION facility is authorized and permitted to receive such w	ATTON: I Hereby of astes.	ertify that the above d	lescribed was	tes were	delivered to th	is facility, t	that the		
T 32										
~ 1	AUTHORIZED SIGNATURE	CELL NO.		DATE		TIM	ME			
	Month Innerva	1/				7/13/2016	سكر	555		
	The state of the s	1. /	-					- 1		

GENERATOR: 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

	1	300 WEST MAIN ST		ND, LLC A CITY, OK 73106 • 1	PHONE (4	05) 236-4	257	· 4 · 10 · 0	1 10
NON	N-HAZARDOUS WA	SITE MANUF	EST NO	115036	1. PAG	E_OF	2. TRAIL	ER NO.	277
G	3. COMPANY NAME E.O G Resources PHONE NO (432) 686-3705		4. ADDRESS 5509 Champ CITY Midland			5. PICK-UP DATE 7/13/2016 ZIP 6. TNRCC I.D. NO. 79706			
. L	7. NAME OR DESCRIPTION	OF WASTE SHIPPE	D:		8. CONT	AINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	a.Non-Regulated, Non	Hazardous Was	te	, <u>"</u>	1	CM	Quintilli	Y :	
E	b. c.								
Ŕ	d.W.T : 41.920	37	200 3	39,880					
A	RHNU406		10	119,0	00				1113
т	14. NAME	IN CA	PHONE NO	ENCY OR SPIL	L, CON	TACT	- Committee (1995)	San De Angelone	NO PORT
1	KIN SLAUGHTER		575-887-4048						
O R	15.GENERATOR'S CE shipping name and are classifie international and national gove PRINTED/TYPED NAME	d, packed, marked, an	d labeled, and are in al	I respects in proper co	ndition for	transport	by highway acc	ording to a	pplicable
K									
T R	16. TRAN	SPORTER (1)		17.	TR	ANSPO	RTER (2)		
A	NAME: SDR	ENTERPRISE	LLC	NAME:					
N S	TEXAS I.D. NO.			TEXAS I.D. NO.					
P	IN CASE OF EMERGENCY	CONTACT:	NONNAHE	IN CASE OF EME	RGENCY	CONTAC	CT:		
O R	EMERGENCY PHONE:		1) 441-7330	EMERGENCY PH					
T	18. TRANSPORTER (1)	1	*	19. TRANSPOI	RTER (2	(): Ackno	owledgment of r	eceipt of m	aterial
E R	PRINTED/TYPED NAME	EMILIO Rec	V-18	PRINTED/TYPED	NAME_				
S	SIGNATURE V	Likel-	DATE - 7/13	2016NATURE			D	ATE	
			ADDRESS:				PHONE:		=
D F	Lea Land, L	LC	Mile	Marker 64, U.	S. Hwy	62/18	0,	575-88	7-4048
I A			30 N	Miles East of Ca	arlsbad,	NM			
S C P I O L	PERMIT NO. WM-01-0	35 - New Mex	ico	20. COMMENTS					
S I A T	21.DISPOSAL FACILITY facility is authorized and perm	Y'S CERTIFIC tted to receive such v	ATION: I Hereby coastes.	ertify that the above d	escribed w	astes wer	e delivered to th	is facility,	that the
L Y	AUTHORIZED SIGNATURE	CEL		PAT	-228.22018	TIM	ME 7:00		

DISPOSAL SITE: COPI

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

T	EA	T	AN	D	T	Τ.	(
		4	H	w,			U

	1300 WEST MAIN ST	REET • C	KLAHOMA	CITY, OK 73106 •	PHONE (4	05) 236	-4257	γ	anni	1	
NON	N-HAZARDOUS WASTE MANIF	EST	NO	L15037	1. PAC	GEO	F	2. TRAIL	-	CCIEC	
G	3. COMPANY NAME E.O.G Resources PHONE NO. (432) 686-3705	4. ADDR 5509 CITY Midla	Champi	on Dr. STATE TX.	797	ZIP 6.	7/13	UP DATE 3/2016 C I.D. NO			
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	L :D:	-		8. CONT	AINER		TOTAL	10. UNIT	11. TEXAS	
N	aNon-Regulated, Non Hazardous Was	te			No.	Type	-	NTITY	Wt/Vol.	WASTE ID#	
E	b. c.					*****					
R	dwt 39340 45,3	20	41	4,220			13 V	WASTE P	ROFILE N		
A	RHNU 106	_	Ta)	130.88	30		15. 4	VASILI.	KOI ILL IV	<i>J</i> .	
Т	14. IN CA NAME KIN SLAUGHTER	PHONI		ENCY OK SPIL	L, CON	TACT		4-HOUR	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 O R T E R S	NAME: SDR ENTERPRISE TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: (575) 18. TRANSPORTER (1): Acknowledgment of the printed/typed name (1996) SIGNATURE AMAGE SIGNATURE AMAGE 16. SDR ENTERPRISE (575) (575) (575) SIGNATURE AMAGE MARCHARMS AMAGE SIGNATURE AMAGE SIGNATURE AMAGE MARCHARMS AMAGE SIGNATURE AMAGE MARCHARMS AMAGE SIGNATURE AMAGE MARCHARMS AMAGE SIGNATURE	SHA	02 8 C F	EMERGENCY PHONE: rial 19. TRANSPORTER (2): Acknowledgment of receipt of material							
		ADDR		20 GNATURE				PHONE:	ATE		
D F	Lea Land, LLC	ADDR	Mile	Marker 64, U. liles East of Ca			- 1	HONE:	575-88	7-4048	
I A S C P I O L	PERMIT NO. WM-01-035 - New Mex			20. COMMENTS							
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION:	: I Hereby co	ertify that the above d	lescribed w	astes we	ere deliv	ered to th	is facility, t	hat the	
LY	Onzalia			CELL NO.	7/13/2018 TIME				1E 1.00		
GENER	ATOR: COPIES 1 & 6	DISP (SAL SITE	: COPIES 2 & 3			•	ΓRANSP	ORTERS: 0	COPIES 4 & 5	

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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

Name and							JU)	
NOI	N-HAZARDOUS WASTE MANIF	TEST NO	115038	1. PAGE	OF	_ 2. TRAIL	ER NO.	1007	
	3. COMPANY NAME	4. ADDRESS			5. PI	CK-UP DATE			
G	E.O.G Resources	5509 Champ	oion Dr.			7/13/2016			
	PHONE NO.	CITY	STATE	ZIP	6. TN	RCC I.D. NO.			
É.	(432) 686-3705	Midland	TX.	79706	3				
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:		8. CONTAI		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N.	a.Non-Regulated, Non Hazardous Was	te			СМ	1	Y		
	b.								
E	c.								
R	dwT:21,020 21,280	8UD							
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE PR	ROFILE N	O.	
A	RHNU 108		2 5411	10			131		
	14. IN CA		ENCY OR SPIL	L, CONTA	CT				
T	NAME	PHONE NO						A PARKA	
		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	
Т	16. TRANSPORTER (1) 17.				SPOR	TER (2)	· · · · · · · · · · · · · · · · · · ·	:	
R A	NAME: SDR ENTERPRISE	ПС	NAME:						
N	TEXAS I.D. NO.	LLC	TEXAS I.D. NO.						
S P	IN CASE OF EMERGENCY CONTACT:	SHANNON	IN CASE OF EME	RGENCY CO	NTACT	•			
0	EMERGENCY PHONE:	SHAMMON							
R	18. TRANSPORTER (1): Acknowledgment of	1) 441-7338 of receipt of material	19. TRANSPOR		Acknow	ledgment of re	ceipt of m	aterial	
E	PRINTED/TYPED NAME ILS AUT O G	iarcia Mi	PRINTED/TYPED			_			
R S	SIGNATURA #32 are Garcia.		20:16 NATURE				ATE		
			ZOSTOWAT CRE				AIE.		
	India	ADDRESS:	3.5.1	~ **	a /4 0 0	PHONE:			
D F	Lea Land, LLC		e Marker 64, U.			,	575-88	7-4048	
I A		30 N	Miles East of Ca	rlsbad, N	<u>M</u>				
S C	PERMIT NO.		20. COMMENTS						
PI	WM-01-035 - New Mex	ico							
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.						hat the		
L Y	AUTHORIZED SIGNATURE	UTIORIZED SIGNATURE / CELL NO.			. DATE TIME			ИE	
	MANLON MONNO						1. 1/		
9		VI				7/13/2016		1.00	
GENER	ATOR: COPIES 1 & 6	DISPOSAL	E: COPIES 2 & 3			TRANSPO	ORT		

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 MANIF	EST	NO	115039	1. PA	.GE	OF	2. TRAII	ER NO. 7	10010
	3. COMPANY NAME	4. ADD	RESS		-		5. PIC	K-UP DATE		000
G	E.O.G. Resources	5509	Cham	pion Dr.				/13/2016		
	PHONE NO.	CITY		STATE		ZIP		TNRCC I.D. NO.		
	(432) 686-3705	Midla	and	TX.	70	706	0. 111	1.CC 1.D. 110	·•	
\mathbf{E}			3110	17.	8. CON		nel	O TOTAL	I LO LINUT	11 75740
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED.			No.	TAINE		9. TOTAL DUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	^a Non-Regulated, Non Hazardous Wasi	te		74.	1	C	_		o vi	
	,									
	b.									
E	c.						$\overline{}$			
R	WT: 38540 36	RAI)							
	12. COMMENTS OR SPECIAL INSTRUCTIONS:		/	21 5 1	<u> </u>		-	3. WASTE P	DOEII E NI	L
							Ι,	J. WASIET.	KOPILE IV	0.
A	RHNU 106		10	_75380)					
	14. IN CA	SE OF	EMER	GENCY OR SPIL	L, CO	NTAC	Т			
Т	NAME	PHON			,			24-HOUR	EM	
	KIN SLAUGHTER	575-8	387-404	В						
	15.GENERATOR'S CERTIFICATION:	I Hereby	declare that	at the con						
0	shipping name and are classified, packed, marked, an international and national government regulations, in	all respec								
	international and national government regulations, in	cluding a	pplicable s	tate regul		mater	als pit	Vicusity applic	MILE BY LE	A LANDILLE
R	PRINTED/TYPED NAME			SIGN						
Т	16. TRANSPORTER (1) 17.				TE	RANS	POR	TER (2)		
R					- 11	W 11 10	1 010	1 DIC (2)		
A	NAME: SDR ENTERPRISE	LLC		NAME:						
N	TEXAS I.D. NO.	=30)		TEXAS I.D. NO.						
S P	IN CASE OF EMERGENCY CONTACT:	611	A 5 15 1 CO 5	IN CASE OF EME	RGENC	Y CON	ፐልሮፕ٠			
o	1	SH	ANNON		TERGENCY CONTACT:					
R	EMERGENCY PHONE: (575) 18. TRANSPORTER (1): Acknowledgment of	444-7	7330	EMERGENCY PH		(2). 4	.11			
T	16. TRAITSI ORTER (1). Acknowledgment of	or receipt	of material	19. TRANSPOI	KIEK ((2): A	cknowi	eagment of r	eceipt of m	aterial
E	PRINTED/TYPED NAME	BN	FRU	PRINTED/TYPED	NAME					
R S										
0	SIGNATURE	DATE	7/1	3/20918 NATURE		<u> </u>		D	ATE	
	(4)	ADDI	RESS:					PHONE:		
	Lea Land, LLC		Mi	le Marker 64, U.	S. Hw	v 62/	/180.		575-88	7-4048
D F				Miles East of Ca		•				
I A	PERMIT NO.			20. COMMENTS	1110040	9 1 111			2.4	
S C P I	WM-01-035 - New Mex	ico		20. COMMENTS						
O L										
S I										
A T	A									
LY	AUTHORIZED SIGNATURE	1		CEL			ATE		TIN	Æ.
	Mantal Mans	2/10	2							1:10
מתואמי	ATOR CORRECT A	NIS	7	T. 000	-			-		1.10
JENER.	ATOR: COPIES 1 & 6	pigi	POSAL SI	TE: COPI						

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

	1300 WEST MAIN ST		AND, LLC OMA CITY, OK 73106 •	PHONE (405) 236-42	57 (70)	min Min) [
NOI	N-HAZARDOUS WASTE MANIF	EST NO	115040	1. PAGE	OF		ER NO.	371		
G	3. COMPANY NAME E.O.G Resources PHONE NO.	CITY	mpion Dr. STATE	ZIP	6. TN	CK-UP DATE 7/13/2016 VRCC I.D. NO				
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	Midland ED:	TX.	79700 8. CONTAI No. 1	NERS	9. TOTAL OUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #		
N	a.Non-Regulated, Non Hazardous Was	te			CM	Q0.11.11.1	Υ. γ.	WAGILID#		
E	с.	-				-				
R	dwt: 43,220 43,820 37,520 12. COMMENTS OR SPECIAL INSTRUCTIONS: 13. WASTE PROFI									
A	RHNU 106		@ 1245	60						
T	IN CASE OF EMERGENCY OR SPILL, CONTACT 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									
R	PRINTED/TYPED NAME		SIGNATURE			·		DATE		
T R A N S P O R T E R S	PRINTED/TYPED NAME Lucs : find	SHANNC 5) 441-7330 of receipt of mater	EMERGENCY PI	ERGENCY CO IONE: RTER (2):	ONTACT Acknow	rledgment of re	·	aterial		
	SIGNATURE TO STATE		13 20 16 NATURE				ATE			
D F I A	Lea Land, LLC		file Marker 64, U O Miles East of C	•		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: I Here vastes.	by certify that the above of	described was	es were	delivered to th	is facility, t	hat the		
	authorized signature Onzo	ale,	CEL		DATE	7/13/2016	A G	ле 1.15		
GENER	ATOR: COPIES 1 & 6	DISTOSAL:	SITE: COPIES 2 & 3			TRANSP	OR			

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

	1300 WEST MAIN ST		AND, LLC MA CITY, OK 73106 •	PHONE (40)5) 236-42	257	(YCJ	n7a	
NOI	N-HAZARDOUS WASTE MANIF	EST NO	115041	1. PAG	EOF_	2. TRAIL	ER NO.	FIDT	
G,	3 COMPANY NAME E.O.G Resources PHONE NO.	4. ADDRESS 5509 Cham	npion Dr. STATE	ZI	l v	7/13/2016 NRCC I.D. NO	r 6-		
E	(432) 686-3705 4j	Midland	TX.	7970 8. CONTA		9. TOTAL	10. UNIT	11. TEXAS	
N	aNon-Regulated, Non Hazardous Wast			No.	Type CM	QUANTITY	Wt/Vol.	WASTE ID #	
E	b. c.								
R	dwt:42,120 44,0 12. COMMENTS OR SPECIAL INSTRUCTIONS:	. 08	45,560			13. WASTE PI	POEII E N		
A	RHNU 108	Ta	131.	NeD)	IS. WASLE FI	KUPILE IN	O.	
T	NAME	PHONE NO	GENCY OR SPIL	L, CONT	ГАСТ	24-HOUR	EMERGE	NCY NO.	
0	KIN SLAUGHTER 575-887-4048 15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC								
R	PRINTED/TYPED NAME		SIGNATURE		-			DATE	
T R A N S P O	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	ERGENCY (RTER (2)			
R T E R S	PRINTED/TYPED NAME AFAILUD	f receipt of material		RTER (2) NAME			eceipt of ma	ateriał	
D F	Lea Land, LLC		le Marker 64, U. Miles East of Ca			PHONE:	575-881	7-4048	
S C P I O L	PERMIT NO. WM-01-035 - New Mexi		20. COMMENTS						
S I	21 DISPOSAL FACILITY'S CERTIFICATE facility is authorized and permitted to receive such was	ATION: I Hereby astes.	certify that the above d	lescribed was	stes were	delivered to thi	s facility, the	hat the	
L Y	AUTHORIZED SIGNATURE On 3 (CELL NO.	i.	DATE	7/13/2016	TIM	1.20		

TRANSPORTERS: COPIES 4 & 5

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 4267

NIC	STATE OF THE STATE		FRONE (405)	230-423	(71	1		
NO	N-HAZARDOUS WASTE MANIFEST NO	115044	1. PAGE_	_OF	2. TRAIL	ER NO.	*D12		
G	3. COMPANY NAME E O.G Resources 4. ADDRESS 5509 Cha	mpion Dr.		5. PIC	CK-UP DATE 7/13/2016	ic.			
E	PHONE NO. (432) 686-3705 CITY Midland	STATE TX.	79708	6. TN	RCC I.D. NO	•			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAIN		9. TOTAL	10. UNIT			
N	a Non-Regulated, Non Hazardous Waste		No. Ty	pe (QUANTITY	Wt/Vol.	WASTE ID		
E	b. c.								
R	d.WT Af a (1)			_					
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: RHNU 106		<u> </u>	1	3. WASTE PF	ROFILE NO	0.		
	14. IN CASE OF EMER	GENCY OR SPIL	I CONTAC	TT					
T	NAME PHONE NO 575-887-400		L, CONTAC		24-HOUR	EMERGE	NCY NO.		
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		
Т	16. TRANSPORTER (1)	17.	TRANS	PORT	ΓER (2)				
R A	NAME: SDR ENTERPRISE LLC	NAME:	TRANSPORTER (2)						
N S	TEXAS I.D. NO.	TEXAS I.D. NO.							
P	IN CASE OF EMERGENCY CONTACT: SHANNON	IN CASE OF EMER	RGENCY CON	TACT:					
O R	EMERGENCY PHONE: (575) 441-7330	EMERGENCY PHO	NE:						
T E	18. TRANSPORTER (1): Acknowledgment of receipt of materia	19. TRANSPOR	TER (2): Ac	knowle	dgment of rec	eipt of ma	terial		
R	PRINTED/TYPED NAME DOVE STEPLENS	PRINTED/TYPED	NAME						
S	SIGNATURE DATE 7/1	3/2016 SIGNATURE			DA	ГЕ			
	Lea Land, LLC ADDRESS:				PHONE:				
F A	,	le Marker 64, U.S Miles East of Car			5	75-887	-4048		
A C I L	PERMIT NO. WM-01-035 - New Mexico	Miles East of Car 20. COMMENTS	isbad, NM						
I T	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby facility is authorized and permitted to receive such wastes.	certify that the above des	scribed wastes v	vere del	ivered to this	facility, the	at the		
Y	AUTHORIZED SIGNATURE MONOCOLOR	CELL NO.	DA	ATE	13/2016	TIMI	(ス)		
NERA	TOR: COPIES 1 & 6 DISPOSAL SIT	E: COPIES 2 & 3			TRANSPOR	TERS. CC	PRIES 4 R 6		

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

	1300 WEST MAIN S		ND, LLC A CITY, OK 73106 • 1	PHONE (4	05) 236-42	257	m	ni		
NO	N-HAZARDOUS WASTE MANIE	EST NO	115046	1. PAG	E_OF_	2. TRAII	ER NO.	217		
G	3. COMPANY NAME E O G Resources	4. ADDRESS 5509 Champ	ion Dr.			ICK-UP DATE 7/14/2018				
E	PHONE NO. (432) 686-3705	CITY Midland	S ATE TX.	z 797		6. TNRCC I.D. NO.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:	\	8. CONT.		9. TOTAL QUANTITY	10. UNIT	11. TEXAS WASTE ID #		
N	a.Non-Regulated, Non Hazardous Was	te		140.	Туре	QOANTITT	Y VOI.	WASTE ID#		
E	b. c.									
R	dWT 45,440 43	000	13.100							
A	12 COMMENTS OR SPECIAL INSTRUCTIONS		7 1215	17		13. WASTE P	ROFILE N	O.		
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		SIGNATURE	***				DATE		
T	16. TRANSPORTER (1) 17.			TRA	ANSPOI	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:	SHANNON	IN CASE OF EME	RGENCY	CONTACT	Γ:				
O R) 441-7330	EMERGENCY PH							
T E	PRINTED/TYPED NAME (1): Acknowledgment of	receipt of material	19. TRANSPOI PRINTED/TYPED	•	•		•			
R S	SIGNATURE COLLEGE Band		2018 - SIGNATURE				ATE			
		ADDRESS:			·	PHONE:				
D F I A	Lea Land, LLC		Marker 64, U. Iiles East of Ca	-),	575-88	7-4048		
S C P I	PERMIT NO. WM-01-035 - New Mex		20. COMMENTS							
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION: I Hereby c	ertify that the above d	escribed wa	astes were	delivered to th	is facility, t	hat the		
L Y	AUTHORIZED SIGNATURE	000	CELL NO.		DATE	7/14/2016	TIN	ME 21		
GENER	ATOR: COPIES 1 & 6	POSAL SITE	: COPIES 2 & 3			TRANSPO	ORTERS: (COPIES 4 & 5		

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

		LEA LAI N STREET • OKLAHOMA		PHONE (405) 2	36-4257	Manny
NOI	N-HAZARDOUS WASTE MAN	IFEST NO 1	.15047	1. PAGE_	_OF	2. TRAILER NO. #17
G	3. COMPANY NAME E.O.G Resources	4. ADDRESS 5509 Champie	on Dr.			-UP DATE 14/2018
E	PHONE NO. (432) 686-3705	CITY	STATE TX	ZIP 79708	6. TNR	CC I.D. NO.

	3. COMPANY NAME							
G		4. ADDRESS			5	5. PICK-UP DAT	E	
G	E.O.G Resources	5509 Cham	pion Dr. 💎 🙃			7/14/2016		
	PHONE NO.	CITY	STATE	;	ZIP 6	. TNRCC I.D. N	O.	
E	(432) 686-3705	Midland	TX.	791	708			
	7. NAME OR DESCRIPTION OF WASTE SHIPP	ED:		8. CONT	TAINER		10. UNIT	11. TEXAS
N	a.Non-Regulated, Non Hazardous Was	ste		No.	Type	QUANTITY	Wt/Vol.	WASTE ID #
14		-			CM		Y	
	b.							
E	c.							
						-		
R	d.WT 1/5 1/07 20	000	11710				ļ <u> </u>	
K	40,420 59,0	520 4	44, + (U)					
	12. COMMENTS OR SPECIAL INSTRUCTIONS					13. WASTE F	ROFILE N	O.
A	RHNU 106	-	12	200	77			
	14. IN C	CE OF FIXER	100 101	101				
Т	NAME IN CA	PHONE NO	SENCY OR SPIL	L, CON	TACT			···
1	KIN SLAUGHTER	575-887-4048	No.			24-HOUR	. EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations in	I Hereby declare that Id labeled, and are in a	the contents of this con	nsignment	are full	y and accurately	described a	bove by proper
	international and national government regulations, in	icluding applicable sta	te regulations, and are	the same r	materials	rt by nighway acc s previously appro	ording to ap	oplicable A LAND, LLC
R	PRINTED/TYPED NAME		SIGNATURE					
IV.			DIGITAL CICE					DATE
Т	16 MP ANGROPHY (4)							
R	16. TRANSPORTER (1)		17.	TR	ANSP	ORTER (2)		
A	NAME: SDR ENTERPRISE	LLC	NAME:					
N	TEXAS I.D. NO.		TEVACIDAD					
S		=	TEXAS I.D. NO.					
P O	IN CASE OF EMERGENCY CONTACT	SHANNON	IN CASE OF EMER	RGENCY	CONTA	CT:		
R	EMERGENCY PHONE: (575	1) 441-7330	EMERGENCY PHO	NE:				
T	i8. TRANSPORTER (1): Acknowledgment of	of receipt of material	19. TRANSPOR	TER (2): Ackn	owledgment of r	eceipt of ma	iterial
E	PRINTED/TYPED NAME / - 1036	1 Garcia	DRINITED /FVDED	27.12.677				
R		1 स्वादा	PRINTED/TYPED	NAME _				
S	SIGNATURE July	DATE 7/14	2016 NATURE			D	ATE	
_		ADDRESS:	146		11/9-			
	Lea Land, LLC		Monteon 64 IIC	TT	CO /1 C	PHONE:		
) F	Zu Zunu, DDC		Marker 64, U.S			30,	575-887	/-4048
A	PERMIT NO.	30 IV	Iiles East of Car	Isbad,	NM			
C	WM-01-035 - New Mex	iaa	20. COMMENTS					
L								
Ī	21 DISPOSAL FACILITY'S CERTIFIC.	ATION: I Hereby co	ertify that the above des	scribed wa	stes wer	re delivered to thi	s facility th	at the
T	facility is authorized and permitted to receive such w	astes.					- 10011117, 111	at mo
, Y	AUTHORIZED SIGNATURE	۸	CELL NO.		DAT	F	TIME	E .
	Mantal Man	- 1			ואט			ا سراد^
		1/1/10				7/14/2016		45

GENERATOR: 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

	1300 WEST MAIN S		ND, LLC A CITY, OK 73106 • 1	PHONE (405) 236-4	257	i m	ΛÎ	
NO	N-HAZARDOUS WASTE MANIF	TEST NO	115048	1. PA	GEOF_	2. TRAII	LER NO.T.	1320	
G	3.COMPANY NAME E.O.G Resources	4 ADDRESS 5509 Champ	ion Dr.		5. P	15/14/2B1E			
E	PHONE NO. (432) 686-3705	CITY Midland	STATE TX.	79	ZIP 6. T	NRCC I.D. NO).		
N	7. NAME OR DESCRIPTION OF WASTE SHIPPE a. Non-Regulated, Non Hazardous Was			8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
E	b.								
	d.WT: 11000 115	-7 //0	100						
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	20 42,	480			13. WASTE P	ROFILE N	O.	
A	RHNU 106 14. IN CA	ASE OF EMERG	128, 8 ENCY OR SPIL	1. CON	JTACT				
Т	NAME KIN SLAUGHTER	PHONE NO 575-887-4048		2,001	· · · · · · · · · · · · · · · · · · ·	24-HOUR	EMERGE	NCY NO.	
O 15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consigns shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition international and national government regulations, including applicable state regulations, and are the same contents.						hy highway acc	ording to as	pplicable	
R	PRINTED/TYPED NAME		SIGNATURE					DATE	
T R	16. TRANSPORTER (1)		17.	TR	ANSPO	RTER (2)			
A N	NAME: SDR ENTERPRISE	LLC	NAME:						
S	TEXAS I.D. NO.	CHANNON	TEXAS I.D. NO.						
P O	IN CASE OF EMERGENCY CONTACT:	SHANNON	IN CASE OF EMERGENCY CONTACT:						
R T	EMERGENCY PHONE: (575) 18. TRANSPORTER (1): Acknowledgment of	of receipt of material	EMERGENCY PHO 19. TRANSPOR		2): Acknow	vledgment of re	eceint of ma	aterial	
E R	PRINTED/TYPED NAME LUIS Time	0	PRINTED/TYPED	•	•	-	•		
S	SIGNATURE The Mai	-DATE 7/14/	2016 NATURE			D.	ATE		
	Lea Land, LLC	ADDRESS:	Montron 64 III	C II	- (2/196	PHONE:	575 000	7 4040	
D F	Zou Zuita, EEC		Marker 64, U.S Iiles East of Ca			,	575-88′	7-4048	
I A S C P I O L	PERMIT NO. WM-01-035 - New Mex		20. COMMENTS		2 1272				
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION: I Hereby c	ertify that the above de	escribed w	astes were	delivered to the	is facility, tl	hat the	
LY	AUTHORIZED SIGNATURE	Dep	CELL NO.		DATE	7/14/2018	TE	1.0D	

GENERATOR: COPIES 1 & 6

SPOSAL 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

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

2+0		District Co.				1611	UM		
NU	N-HAZARDOUS WASTE MANIFES	T NO	115049	I. PAGE	OF 2. TR	AILER NO.	F327		
G		ADDRESS 509 Chami	pion Dr		5. PICK-UP DATE 7/14/2016				
E	PHONE NO. (432) 686-3705 CIT	ry lidland	STATE TX.	ZIP 79706	6. TNRCC I.D.	NO.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINE	RS 9. TOTAI	_ 10. UNIT	11. TEXAS		
N	aNon-Regulated, Non Hazardous Waste			No. Typ		Y Wt/Vol.	WASTE ID		
E	b.								
Ŀ	c.								
R		eD.	44,320						
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: RHNU 106		n 12,	1100	13. WASTE	PROFILE N	0.		
	14. IN CASE		SENCY OR SPILE	CONTAC		<u> </u>			
T	NAME PH	IONE NO)	L, CONTAC		JR EMERGE	NCY NO.		
15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to international and national government regulations, including applicable state regulations, and are the same materials previously approved by I									
R	PRINTED/TYPED NAME		SIGNATURE		no previously up		DATE		
T	16. TRANSPORTER (1)		17.	TRANSI	PORTER (2)				
R A	NAME: SDR ENTERPRISE LLC	2	NAME:		(2)				
N S	TEXAS I.D. NO.		TEXAS I.D. NO.						
P O	THE PROPERTY OF THE PARTY OF TH	SHANNON	IN CASE OF EMER		ACT:				
R T	EMERGENCY PHONE: (575) 44 18. TRANSPORTER (1): Acknowledgment of rece	1-7330 cipt of material	EMERGENCY PHO 19. TRANSPOR		rnowladament o	francist - S	*1		
E R	PRINTED/TYPED NAME / Endo Rod.		PRINTED/TYPED		thowledginelli o	i receipt of ma	iteriai		
S	SIGNATURE DATE DATE	E 7/14	20st6nature			DATE			
		DDRESS:			PHONE	:			
F	Lea Land, LLC		Marker 64, U.S Miles East of Car			575-887	7-4048		
		20 10	The Last of Car	isbau, Mivi					
A C	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS						
A C I L	WM-01-035 - New Mexico			scribed wastes w	ere delivered to	this facility +4	at the		
A C I L I T	WM-01-035 - New Mexico 21.DISPOSAL FACILITY'S CERTIFICATION facility is authorized and permitted to receive such wastes.			scribed wastes w	ere delivered to	this facility, th	at the		
A C I D L I	WM-01-035 - New Mexico			scribed wastes w		TIM			

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

LEA LAND, LLC

	1300 WEST MAIN ST		1A CITY, OK 73106 •	PHONE (405) 23	36-4257 (SDP	3			
NO	N-HAZARDOUS WASTE MANIF	EST NO	115050	1. PAGE	OF 2. Ti	RAILER NO.	*#DOLO			
G	3. COMPANY NAME E.O.G Resources	4. ADDRESS 5509 Cham	pion Dr.		5. PICK-UP D 7/14/20	ATE 16				
E	PHONE NO. (432) 686-3705	CITY Midland	STATE TX.	79708	6. TNRCC I.D	6. TNRCC I.D. NO.				
N	7. NAME OR DESCRIPTION OF WASTE SHIPPE a.Non-Regulated, Non Hazardous Wast			8. CONTAINE No. Type	7. 1011		11. TEXAS WASTE ID			
E	b.									
R	d.W.T.: 430	180 4	40810							
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: RHNU 108		10,000	\sim	13. WAST	E PROFILE N	10.			
T	IN CASE OF EMERGENCY OR SPILL, CO TACT NAME PHONE NO KIN SLAUGHTER 575-887-4048									
15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described at shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to an international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA										
R	PRINTED/TYPED NAME	SIGNATURE				DATE				
T R A N S P O R T E R	NAME: SDR ENTERPRISE TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE (575) 18. TRANSPORTER (1): Acknowledgment of PRINTED/TYPED NAME	SHANNON	17. NAME: TEXAS I.D. NO. IN CASE OF EME: EMERGENCY PHO 19. TRANSPOF PRINTED/TYPED	RGENCY CONT DNE: RTER (2): Act	knowledgment	of receipt of m				
S	SIGNATURE	DATE 7/14	20:16 NATURE			DATE				
D F	Lea Land, ILC		: Marker 64, U.S Miles East of Ca		· 1		7-4048			
S C P I O L	PERMIT NO. WM-01-035 - New Mexic	co	20. COMMENTS			<u> </u>				
S I A T	21.DISPOSAL FACILITY'S CERTIFICA facility is authorized and permitted to receive such wa	ATION: I Hereby of stes.	ertify that the above de	scribed wastes w	ere delivered to	o this facility, t	hat the			
	AUTHORIZED SIGNATURE ATOR: COPIES 1 & 6	alez	CEL !-	DA	TE 7/14/201	6 TIA	11D			

TRANSPORT

DISPOSAL SITE: COPIE

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 ST			ND, LLC A CITY, OK 73106 • 1	PHONE (405) 236-42	257	DF	3
NOI	N-HAZARDOUS WASTE MANUF	EST	NO	115051	1. PA	GEOF_	2. TRAII	ER NO.	1007
G	3. COMPANY NAME E.O.G Resources	4. ADD		ion Dr.		5. P	CK-UP DATE 7/14/2016		
E	PHONE NO. (432) 686-3705	CITY Midia	and	STATE TX.		ZIP 6. TI	NRCC I.D. NO).	
	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	aNon-Regulated, Non Hazardous Was	te			1	CM		Y-1 Y-1	WASTE ID#
E	b. c.								
R	dwT 21,520 23,	300		21,780					
A -	12. COMMENTS OR SPECIAL INSTRUCTIONS:			~ / /	/ .		13. WASTE P	ROFILE N	O.
A	14. IN CA	SE OF	EMERG	ENCY OR SPIL	1 CON	JTACT	-		
T	NAME KIN SLAUGHTER	PHON		E.ver on sile	L, COI	TACT	24-HOUR	EMERGE	NCY NO.
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, and international and national government regulations, in	u labeleu.	and are in a	il respects in proper coi	ndifion to	r francharf b	w highway acc	ardina ta ar	anliooblo I
R	PRINTED/TYPED NAME			SIGNATURE			7, 1		DATE
T R	16. TRANSPORTER (1)			17.	TR	ANSPOI	RTER (2)		
A	NAME: SDR-ENTERPRISE	LLC.		NAME:					
N S	TEXAS I.D. NO.			TEXAS I.D. NO.					
P O	IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 1575		ANNON-	IN CASE OF EME		CONTACT	Γ:		
R T	18. TRANSPORTER (1): Acknowledgment of	1 441-7 f receipt o	of material	EMERGENCY PHO 19. TRANSPOR		2): Acknow	ledgment of re	eceipt of ma	aterial
E R	PRINTED/TYPED NAME ISACTO GE	9vc/2	1 1/1	PRINTED/TYPED	NAME_				<u>.</u>
S	SIGNATURE VISTONIO Garcia A	MATE.	- 7/14	2016NATURE			D	ATE	
	I as I and II C	ADDR		36 1 64 77	~	60460	PHONE:		
D F	Lea Land, LLC			Marker 64, U.S Tiles East of Ca	•		,	575-881	7-4048
I A S C P I D L	PERMIT NO. WM-01-035 - New Mexic	ico		20. COMMENTS					
S I A T	21.DISPOSAL FACILITY'S CERTIFICATE facility is authorized and permitted to receive such with	ATION astes.	: I Hereby c	ertify that the above de	escribed v	vastes were	delivered to thi	s facility, th	nat the
LY	AUTHORIZED SIGNATURE	N		CELL NO.		DATE		TIM.	IÉ
		113	/	٠٠١ المستنبلنده			7/14/2016	1	15

GENERATOR: COPIES 1 & 6

OSPOSAL 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

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

-							\sim	
NOI	N-HAZARDOUS WASTE MANIF	TEST NO	115052	1. PAGE	OF	2. TRAILE	R NO. 7	#012
G	3. COMPANY NAME E.O.G Resources	4. ADDRESS 5509 Champ	ion Dr.			K-UP DATE /14/2016		
E	PHONE NO. (432) 686-3705	CITY Midland	STATE TX.	ZIP 7 970 6		RCC I.D. NO.		
~	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:		8. CONTAI			0. UNIT	11. TEXAS
N	a.Non-Regulated, Non Hazardous Was	te	·	No.	ype C	UANTITY	Wt/Vol.	WASTE ID #
E	b							
R	dWT: ALAQAD 12	71 0 /	10 120					
K	12. COMMENTS OR SPECIAL INSTRUCTIONS:	TUU S	0,420		1.	3. WASTE PR	OEILE NO)
A	RHNU-106	16	132.1	120	'	. WASTETK	OF ILL IV	J.
Т	NAME	PHONE NO	ENCY OR SPIL	L, CONTA	CT		N TO SERVICE - XV	
	KIN SLAUGHTER	575-887-4048						
О	O Significant of this consignment are fully and accurately described above by proposition 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, LL							
R	PRINTED/TYPED NAME		SIGNATURE					
T	16. TRANSPORTER (1)		17.	TRAN	ISPOR	ΓER (2)		
R	NAME: SDR ENTERPRISE	ПС	NAME:	1101	101 011	131(2)		
A N	TEXAS I.D. NO		TEXAS I.D. NO.					
S P	IN CASE OF EMERGENCY CONTACT:	SHANNON	IN CASE OF EME	RGENCY CO	NTACT:			
O		i) 441-7330	EMERGENCY PHO		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
R T	18. TRANSPORTER (1): Acknowledgment of	of receipt of material	19. TRANSPOR		Acknowle	edgment of rec	eipt of ma	nterial
E R	PRINTED TYPED NAME Dong 3	topdens	PRINTED/TYPED	NAME				
S	SIGNATURE Ley St	DATE - 7/14	2016 NATURE			DA	ТЕ	
		ADDRESS:				PHONE:		
D F I A	Lea Land, LLC		Marker 64, U.S Liles East of Ca	•		5	75-887	7-4048
S C P I	PERMIT NO. WM-01-035 - New Mex	20. COMMENTS						
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION: I Hereby c	ertify that the above de	escribed wast	es were de	elivered to this	facility, th	hat the
T 37	AUTHORIZED SIGNATURE		CEL		DATE	/14/2016	C	1:2D
	ATOR: CODIES 1 & 6	(ivi)	1111-111		- 11	incomp. 150		1,00

COPY 1

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

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7.8	mini

		ICET OICE/INDIA/			, 20		(7-	eml	M
NON	HAZARDOUS WASTE MANIF	EST NO	L15058	1. PAG	GE	للحصيل	2. TRAILI	ER NO.	3/7
	3. COMPANY NAME	4. ADDRESS				5. PICK	-UP DATE		
G	E.O.G Resources	5509 Champi	on Dr			7/1	5/2016		
	PHONE NO.	CITY	STATE	2	ZIP	6. TNRC	CC I.D. NO.	-	
_	(432) 686-3705	Midland	TX.	797	706				
E				8. CON		RS 9	TOTAL	10. UNIT	11. TEXAS
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:		No.	Тур	- 1	ANTITY	Wt/Vol.	WASTE ID #
N	^a Non-Regulated, Non Hazardous Wasi	te		1.	CN	Λ		Y	
Y	b.								
E						-			
	c.								
R	dwt 42200 400 12. comments or special instructions:	20 44	,480			13	WASTE PR	ROFILE N	0
			0 100	41	75				
A	RHNU 106	1	a 132	He	0				
	14. IN CA	SE OF EMERG	ENCY OR SPIL	L, CON	TAC	Т			
т	NAME	PHONE NO					-HOUR	EME	
1	KIN SLAUGHTER	575-887-4048							
0	O 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, LL								pplicable
R	PRINTED/TYPED NAME		SIGNATURE						
IX.									
T	16. TRANSPORTER (1)		17.	TR	ANS	PORT	ER (2)		
R									
A	NAME: SDR ENTERPRISE	LLC	NAME:						
N	TEXAS I.D. NO.		TEXAS I.D. NO.	S I.D. NO.					
S	DI CASE OF EMERCENCY CONTACT.	G1.140.101.G1.1							
P	IN CASE OF EMERGENCY CONTACT:	SHANNON	IN CASE OF EME	RGENC	CON	IACI:			9 -
R) 441-7330	EMERGENCY PH						
T	18. TRANSPORTER (1): Acknowledgment	of receipt of material	19. TRANSPOI	RTER ((2): A	cknowled	igment of re	eceipt of m	aterial
E	PRINTED/TYPED NAME NUCLYO	Ramos	PRINTED/TYPED	NAME					
R			I Idivi ED/ I II ED	, IAMINIL _					
S	SIGNATURE aluero Ramas	DATE 7/15	2016NATURE				D.	ATE	
	T T TTTC	ADDRESS:	16.1	O TT		,,,,,	PHONE:	<i>686</i> 00	7 4040
D F	Lea Land, LLC	l	Marker 64, U.		•			5/5-88	7-4048
D F I A		30 N	Tiles East of Ca	arlsbad	, NN	1			
s c	PERMIT NO.		20. COMMENTS						
PΙ	WM-01-035 - New Mex	ico							
O L	C. DICROSAL BACH ITWIS CERTIFIC	ATLON							4 4
SI	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		ertify that the above d	iescribed '	wastes	were del	ivered to th	is facility,	tnat the
A T L Y									
LI	AUTHORIZED SIGNATURE	. ,	CELL NO.	DATE TI			ME		
4	Innta Money	1/12				7/	15/2016	\	5.35
		L K L L	ATTICATION OF THE PARTY OF THE	_	-	W. Carlotte			

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	vo	L15059	1. PA	GEO			ER NO.	+007	
	3. COMPANY NAME	4. ADDRES	SS			5	PICK-	UP DATE			
G	E.O.G. Resources	5509	Champi	on Dr.			7/1:	5/2016			
	PHONE NO.	CITY		STATE		ZIP 6	6. TNRCC I.D. NO.				
E	(432) 686-3705	Midland	d	TX.	79	706					
IC.	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:			8. CON No.	TAINER Type		TOTAL	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N	aNon-Regulated, Non Hazardous Was	ite			1	CM			Y		
	b.						1				
E	c.						1				
	0.										
R		240		21,520							
	12. COMMENTS OR SPECIAL INSTRUCTIONS	:		, 6			13.	WASTE P	ROFILE N	O.	
A	RHNU 106		10	0 485	520						
				ENCY OR SPII	L, CO	NTACT				1011110	
T	NAME	PHONE 1						24-HOUR	EMERGE	NCY NO.	
	KIN SLAUGHTER										
15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by public 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	16. TRANSPORTER (1)			17.	TI	RANSF	ORT	ER (2)			
R											
A	NAME: SDR ENTERPRISE	LLC		NAME:							
N	TEXAS I.D. NO.	- 17		TEXAS I.D. NO.							
S P	IN CASE OF EMERGENCY CONTACT:	SHA	NON	IN CASE OF EM	ERGENC	Y CONT	ACT:				
o				270.023							
R	EMERGENCY PHONE: (57) 18. TRANSPORTER (1): Acknowledgment	5) 441-73 of receipt of		19. TRANSPO		(2): Ack	cnowled	gment of	receipt of m	naterial	
T E		-		PRINTED/TYPE				_	pi 01 ii		
R	PRINTED/TYPED NAME 133070 GOYCI	0 1 1		FRINTED/TIPE	D IAVIME						
S	SIGNATURE X 32000 Garci	DATE	7/15	2010 NATURE				Ι	DATE		
)	ADDRE	ESS:	J				PHONE:			
	Lea Land, LLC		Mile	e Marker 64, U	S. Hw	y 62/1	L80, I		575-88	37-4048	
D F				Miles East of C							
I A	PERMIT NO.	1	501	20. COMMENTS		,					
S C P I	WM-01-035 - New Mex	xico									
O L	21.DISPOSAL FACILITY'S CERTIFIC	CATION:	I Hereby	certify that the above	described	wastes v	vere deli	ivered to t	his facility.	that the	
S I A T	facility is authorized and permitted to receive such								,		
LY	AUTHORIZED SIGNATURE			CELL NO.		DA	ATE		TI	ME	
	Maria Maria	1		0222110.						7'25	

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	I-HAZARDOUS WASTE MANIF	EST NO	115060	1. PA	GEOF_	2. TRAII	LER NÖ	00Li
G	3. COMPANY NAME E.O.G Resources	4. ADDRESS 5509 Champi	on Dr.		5. P	TCK-UP DATE 7/15/2016		
E	PHONE NO. (432) 686-3705	CITY Midland	STATE TX.		ZIP 6. T	NRCC I.D. NO),	
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:	<u></u>	8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	a.Non-Regulated, Non Hazardous Was	te		1	СМ		Y	
E	b. с							
R	dwt 39880 4230	0 44	780			13. WASTE I	PROFILE N	0
\mathbf{A}	RHNU 106	160	127020)		15. WASTE I	KOI IEE I	<u>.</u>
Т	14. IN CA NAME KIN SLAUGHTER	SE OF EMERG PHONE NO 575-887-4048	or contract or such subsection in the last		NTACT	24-HOUF	EMERG	
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	ondition fo	r transport	by highway ac-	cording to a	pplicable
R	PRINTED/TYPED NAME	SIGNATURE					D	
Т	16. TRANSPORTER (1)		17.	TF	RANSPO	RTER (2)		
R A	NAME: SDRIENTERPRISE	LLC	NAME:					:
N S	TEXAS I.D. NO.		TEXAS I.D. NO.					
P	IN CASE OF EMERGENCY CONTACT:	SHANNON	IN CASE OF EMI	ERGENC	Y CONTAC	CT:		
O R	EMERGENCY PHONE: (575	5) 441-7330	EMERGENCY PI			· · ·		
T E	18. TRANSPORTER (1): Acknowledgment of PRINTED/TYPED NAME	of receipt of material	19. TRANSPO PRINTED/TYPE		. ,		receipt of n	naterial
R S	SIGNATURE		2016 NATURE				DATE	
		ADDRESS:				PHONE:	· · · · · · · · ·	
D F	Lea Land, LLC	Mile	e Marker 64, U Miles East of C		•	1		37-4048
I A S C P I	PERMIT NO. WM-01-035 - New Mex		20. COMMENTS		7 - 1414			
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		certify that the above	described	wastes wer	e delivered to	his facility,	that the
L Y	AUTHORIZED SIGNATURE	012	CELL NO.	_	DAT	7/15/2016	/	ME 1:05

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

	1300 WEST MAIN S	LEA LA	ND, LLC a city, ok 73106 • 1	PHONE (4	05) 236-42	257 (a	rrar	17.a	
NOI	N-HAZARDOUS WASTE MANII	FEST NO	115061	1. PAG	EOF_	2. TRAIL	ER NO.	107	
G	3. COMPANY NAME E.O.G Resources	4. ADDRESS 5509 Champ	ion Dr.		5. P	ICK-UP DATE 7/15/2016			
E	PHONE NO. (432) 686-3705	CITY Midland	STATE TX.	797		NRCC I.D. NO			
	7. NAME OR DESCRIPTION OF WASTE SHIPP	ED:		8. CONT No.	AINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N	aNon-Regulated, Non Hazardous Was	ste		1	CM		. Y		
E	b. c.		10.						
R	dw T 42 620 43.82 12. COMMENTS OR SPECIAL INSTRUCTIONS	0 45,	380			13. WASTE P	ROFILE N	0	
A	RHNU 106	Ta	131.82	20		13. WASIET	KOI ILL IV	O.	
Т	14. IN C. NAME KIN SLAUGHTER:	ASE OF EMERG PHONE NO 575-887-4048		L, CON	TACT	24-HOUR	EMERGE	NCY NO.	
15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by 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 LAN						pplicable			
R	PRINTED/TYPED NAME		SIGNATURE					DATE	
T R	16. TRANSPORTER (1)		17.	TR	ANSPO	RTER (2)			
A	NAME: SDR ENTERPRISE	LLC	NAME:						
N S	TEXAS I.D. NO.		TEXAS I.D. NO.						
P	IN CASE OF EMERGENCY CONTACT:	SHANNON	IN CASE OF EMERGENCY CONTACT:						
R T	EMERGENCY PHONE: (57 18. TRANSPORTER (1): Acknowledgment	5) 441-7330 of receipt of material	19. TRANSPO		2): Ackno	wledgment of r	eceipt of m	naterial	
E R	PRINTED/TYPED NAME / WORLD	2- arrang	PRINTED/TYPEI	NAME _					
S	SIGNATUREX MERCIN COL	10 DATE 7/15	20st6NATURE				DATE		
D F	Lea Land, LLC	1	e Marker 64, U. Miles East of C	•		0, PHONE:	575-88	37-4048	
I A S C P I	PERMIT NO. WM-01-035 - New Me		20. COMMENTS		, =				
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such		certify that the above of	described v	vastes were	e delivered to the	nis facility,	that the	
L Y	AUTHORIZED SIGNATURE	Λ	CELL NO.		DATE	2	TII	ME	

7/15/2016

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

1	-	
(7.0	m	ni

		Name and T	15000				mun	tra co
NOI	N-HAZARDOUS WASTE MANIF	EST NO	L15062	1. PA	GEOF		ER NO. 7	522
G	3. COMPANY NAME E.O G Resources	4. ADDRESS 5509 Champi	on Dr.		5.	PICK-UP DATE 7/15/2018		
	PHONE NO.	CITY	STATE			TNRCC I.D. NO).	
E	(432) 686-3705	Midland	TX.		706 TAINERS	9. TOTAL	10. UNIT	11. TEXAS
	7. NAME OR DESCRIPTION OF WASTE SHIPPI			No.	Туре	QUANTITY	Wt/Vol.	WASTE ID #
N	a.Non-Regulated, Non Hazardous Was	te		1	CM		Y	
	b.							
E	c.							
R	dWT 43,240 46,0	180						
	12. COMMENTS OR SPECIAL INSTRUCTIONS		2000			13. WASTE P	ROFILE N	O.
A	RHNU 106	Ta	84.3%	(0)				
T.	14. IN CA	ASE OF EMERG	ENCY OR SPIL	L, CO	NTACT	24-HOUR	EMERGE	NCY NO.
T	KIN SLAUGHTER	575-887-4048						
0	O 15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proposition 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, LL							
R	PRINTED/TYPED NAME					DATE		
T	16. TRANSPORTER (1)		17.	TF	RANSPO	ORTER (2)		
R A	NAME: SDR ENTERPRISE	LLC	NAME:					
N S	TEXAS I.D. NO.		TEXAS I.D. NO.					
P	IN CASE OF EMERGENCY CONTACT:	SHANNON	IN CASE OF EME	ERGENC	Y CONTA	CT:		
O R		5) 441-7330	EMERGENCY PH		(2)	1.1		4. 1.1
T	18. TRANSPORTER (1): Acknowledgment		19. TRANSPO				receipt of m	nateriai
E R	SIGNATURE FOR SIGNATURE	me	PRINTED/TYPEI) NAME			,	
S	SIGNATURE FILLORGO	DATE 7/15	2016 NATURE				DATE	
		ADDRESS:				PHONE:		- 46 : 5
D F I A	Lea Land, LLC		Marker 64, U. Iiles East of C			80,	575-88	37-4048
S C P I O L	PERMIT NO. WM-01-035 - New Mex	xico	20. COMMENTS					
S I A T		21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the abofacility is authorized and permitted to receive such wastes.				ere delivered to the	his facility,	that the
LY	AUTHORIZED SIGNATURE	ordre.	CELL NO.		DAT	7/15/2016	TI	7:00
	X ALLIN X INTE	1111	15		4			

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

LEA LAND, LLC

	1300 WEST MAIN S		A CITY, OK 73106 • F	PHONE (4	05) 236-42	257 Ge	m <u>t</u> n	1
NON	N-HAZARDOUS WASTE MANIF	TEST NO	115063	1. PAG	EOF_	_ 2. TRAIL	ER NO.	320
G	3. COMPANY NAME E.O.G Resources PHONE NO.	4. ADDRESS 5509 Champ CITY	ion Dr. STATE	Z		ICK-UP DATE 7/15/2016 NRCC I.D. NO.		
E	(432) 686-3705	Midland 2	TX.	797 8. CONT		9. TOTAL	10. UNIT	11. TEXAS
N	aNon-Regulated, Non Hazardous Was		- 7	No.	Туре	QUANTITY	Wt/Vol.	WASTE ID #
E	b. c.							
R	dwT 42,220 4308	30 44	840			13. WASTE PI	POFII F N	
A	RHNU 106		a 1301	40		is. WASIETI	KOI ILL IV	0
Т	14. IN CANAME KIN SLAUGHTER	ASE OF EMERG PHONE NO 575-887-4048	ENCY OR SPIL	L, CON	TACT	24-HOUR	EMERGE	NCY NO.
0	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, LL							pplicable
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:	LLC SHANNON	17. NAME: TEXAS I.D. NO. IN CASE OF EME			RTER (2)		
R T	EMERGENCY PHONE: (57. 18. TRANSPORTER (1): Acknowledgment		EMERGENCY PH		2): Ackno	wledgment of r	eceipt of m	naterial
E R	PRINTED/TYPED NAME LUS LI	moin	PRINTED/TYPEI	NAME_				
S	SIGNATURE STATE	DATE 7/15	2016 NATURE			D	ATE	
D F	Lea Land, LLC	1	e Marker 64, U. Miles East of C	•		0, PHONE:	575-88	7-4048
I A S C P I O L	PERMIT NO. WM-01-035 - New Mex	xico	20. COMMENTS					
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such		certify that the above of	described v	wastes were	e delivered to th	nis facility,	that the
L Y	AUTHORIZED SIGNATURE MN204	12 30 20 0 20 0	CELL NO.	-	DATE	7/15/2016		ME 3:50

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

NON	N-HAZARDOUS WASTE MANII	FEST	NO	115064	1. PA	GE	OF	2. TRAIL	er no. 7	27	
G	3. COMPANY NAME E.O.G Resources	4. ADDI 5509		ion Dr.	Ję	191		-UP DATE 15/2016			
E	PHONE NO. (432) 686-3705	CITY Midle	and	STATE TX.		ZIP 706	6. TNR	TNRCC I.D. NO.			
L	7. NAME OR DESCRIPTION OF WASTE SHIPP.	ED:		I I I I I I I I I I I I I I I I I I I	8 CON			TOTAL JANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N	a.Non-Regulated, Non Hazardous Was	ste -		ne. 3, %	No.	Type	1 '	JANITT	· Y	WASTEID#	
E	b. c.										
R	d.WT 4420 4418	37)	1478	89							
	12. COMMENTS OR SPECIAL INSTRUCTIONS: 13. WASTE PROFILE NO.										
A	RHNU 106	4	Ta	129.8	90						
Т	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGENCY NO. KIN SLAUGHTER 575-887-4048 -1								NCY NO.		
O 15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to a international and national government regulations, including applicable state regulations, and are the same materials previously approved by LE							ording to an	plicable			
R	PRINTED/TYPED NAME			SIGNATURE						DATE	
T	16. TRANSPORTER (1)			17.	TF	RANS	PORT	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:	SH	ANNON	IN CASE OF EME	ERGENCY	Y CON	TACT:				
O R	EMERGENCY PHONE: (57: 18. TRANSPORTER (1): Acknowledgment	5) 441-1		EMERGENCY PH		(2) · Ac	knowler	lament of r	eceint of m	aterial	
T E R	PRINTED/TYPED NAME / Alose M		WCI W	PRINTED/TYPED	·	. ,		-	·		
S	SIGNATURY July	DATE	7/15/	20:16 nature			· <u>-</u>	D	ATE		
	I as I and I I C	ADDI		M 1 (4 II	C 11	(0)	100	PHONE:	575 00	7 4040	
D F	Lea Land, LLC			Marker 64, U. Tiles East of Ca	,		- 1		575-88	7-4048	
I A S C P I O L	PERMIT NO. WM-01-035 - New Mex	xico		20. COMMENTS							
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such		l: I Hereby o	ertify that the above of	lescribed ·	wastes	were del	ivered to th	is facility, t	hat the	
L Y	AUTHORIZED SIGNATURE	012		CELL NO.		D.	ATE 7/*	15/2016	TIM	1E 3:50	

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

7- A		,	(.,===		\mathcal{M}]		
NON		115065	1. PA	GEOF_	2. TRAIL	er no. 7	+012		
G.	3. COMPANY NAME 4. ADDRESS 5.0.G Resources 5509 Champ	ion Dr		5. P	ICK-UP DATE 7/15/2016				
	PHONE NO. CITY	STATE		ZIP 6. T	NRCC I.D. NO		1-1-		
E .	(432) 686-3705 ** Midland	TX.		708					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #		
N	aNon-Regulated, Non Hazardous Waste		1 -	CM.	QUARTITI	W 17 VOI.	WASTE ID#		
	b.								
E	c.								
R	WT 41,64D 42,220 46	480							
	12. COMMENTS OR SPECIAL INSTRUCTIONS:	· ==			13. WASTE P	ROFILE N	О.		
A		0 130,3	340						
Т	14. IN CASE OF EMERG NAME PHONE NO	ENCY OR SPIL	L, CON	NTACT	24-H				
1	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	16. TRANSPORTER (1)	17.	TR	ANSPO	RTER (2)				
R A	NAME: SDR ENTERPRISE LLC	NAME:							
N	TEXAS I.D. NO.	TEXAS I.D. NO.					<u>:</u> !		
S P	IN CASE OF EMERGENCY CONTACT: SHANNON-	IN CASE OF EME	RGENCY	CONTAC	T:		į		
O R	EMERGENCY PHONE: (575) 441-7330	EMERGENCY PHO	ONE:						
T	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPOR	RTER (2): Acknow	wledgment of re	eceipt of m	aterial		
E R	PRINTED/TYPED NAME Dong Stophem?	PRINTED/TYPED	NAME_		-				
S	SIGNATURE SULY STATE 7/15/	2016NATURE			D.	ATE	<u></u>		
	ADDRESS:				PHONE:				
) F	·	Marker 64, U.S	•	•),	575-88	7-4048		
A		files East of Ca	risbad	, NM					
C	WM-01-035 - New Mexico	20. COMMENTS							
LIT	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby c facility is authorized and permitted to receive such wastes.	ertify that the above de	escribed v	vastes were	delivered to the	is facility, t	hat the		
. Y	AUTHORIZED SIGNATURE	CELL NO.		DATE		TIN	Œ.		
	1)000012				7/15/2016	(1:10		

DISPOSAL SITE: COPIES 2 & 3

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

	1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257									
NOI	N-HAZARDOUS WASTE MANIF	115071	1. PA	GEOF	2. TRAII	LER NO. ()12			
G	3. COMPANY NAME E.O.G Resources		pion Dr.	<u>'</u> -		7/18/2016				
E	(432) 686-3705	,CITY Midland	STATE TX.	79	706	TNRCC I.D. NO				
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED: 		8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	il. TEXAS WASTE ID #		
N	^a Non-Regulated, Non Hazardous Was	te		1	CM		Y ,			
E	b. c.									
R	dwt 45120 44 940	0 42	340			12 WASTE D	POEH E VI			
A	RHNU 106		Hale 139	14C	\circ	13. WASTE P	ROFILE N	0.		
Т	14. IN CA NAME KIN SLAUGHTER	ASE OF EMERO PHONE NO 575-887-4048	GENCY OR SPII	LĹ, COI	NTACT	24-HOUR	EMERGE	NCY NO.		
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	id labeled, and are in	all respects in proper c	ondition fo	or transport	by highway acc	ording to a	onlicable		
R	PRINTED/TYPED NAME		SIGNATURE					DATE		
T R A N	16. TRANSPORTER (1) NAME: SDR ENTERPRISE TEXAS I.D. NO.	LLC	17. NAME: TEXAS I.D. NO.	TF	RANSPO	PRTER (2)				

R	WT45120 44 94) 42:	340				
	12. COMMENTS OR SPECIAL INSTRUCTIONS:	,		1	3. WASTE PRO	OFILE NO	
A	RHNU-106	To	tale 132	400			
			ENCY OR SPIL	L, CONTACT			_
Т	NAME	PHONE NO			24-HOUR E	MERGEN	CY NO.
	KIN SLAUGHTER	575-887-4048			u ila		
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, and international and national government regulations, inc	d labeled, and are in al	I respects in proper con	ndition for transport by	highway accord	ding to any	nlicable
R	PRINTED/TYPED NAME		SIGNATURE			Γ	DATE
T	16. TRANSPORTER (1)		17.	TRANSPOR	ΓER (2)		
R	NAME: SOR ENTERPRISE		NAME:				
N	SDR ENTERPRISE TEXAS I.D. NO.	LLC	TEXAS I.D. NO.				
S	IN CASE OF EMERGENCY CONTACT:			DOENION CONTRACT			
P		SHANNON		RGENCY CONTACT:			
R	EMERGENCY PHONE: (575) 18. TRANSPORTER (1): Acknowledge that of	7441-7330 f receipt of material	19 TRANSPOR	ONE: RTER (2): Acknowl	edgment of reco	eint of mat	terial
T E		OLUZOT		• /	_	•	
R	PRINTED/TYPED NAME	BISTOR	PRINTED/TYPED	NAME			
S	SIGNATURE	DATE 7/18/	20s16 nature		DAT	TE	
		ADDRESS:	I		PHONE:		
	Lea Land, LLC	Mile	Marker 64, U.S	S. Hwy 62/180,	5	75-887	-4048
D F I A		30 N	Ailes East of Ca	ırlsbad, NM			
S C	PERMIT NO. WM-01-035 - New Mexi	•	20. COMMENTS				
P I O L	WW-01-033 - New Mex						
S I	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION: I Hereby o	ertify that the above de	escribed wastes were d	elivered to this	facility, th	at the
A T L Y		astes.					
	AUTHORIZED SIGNATURE		CELL NO.	DATE		TIM	E
	LINITUD WILLIAM	05		7.	/18/2016	10	12
GENER	ATOR: COPIES 1 & 6	DISPOSAL SITE	E: COPIES 2 & 3		TRANSPOR	RTERS: C	OPIES 4 & 5

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 CI 	TY, OK 73106 •	PHONE (405	236-4257
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	1300 WEST MAIN ST	REET • OF	KLAHOMA	A CITY, OK 73106 • F	PHONE (405) 236-4	1257	SI	DR	
NON	-HAZARDOUS WASTE MANIF	EST	NO .	115072	1. PA	GEOF	2. TRAII	ER NO.	Dlp	
G	3. COMPANY NAME E O.G Resources	4. ADDRE 5509	ess Champi	on Dr.		5. 1	PICK-UP DATE 7/18/2016			
E	PHONE NO. (432) 696-3705	CITY Midlan	d	STATE TX.		ZIP 6. 7	TNRCC I.D. NO	CC I.D. NO.		
_	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N	aNon-Regulated, Non Hazardous Was	te			1	Type Civi		Y		
E	b. c.									
	dWT AAAD AASI	0	// //	91.17					_	
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	00	74	, TUC		_				
A	RHNU 106 ·		TO	TAI @ 13	3.9	60				
Т	14. IN CA NAME KIN SLAUGHTER	PHONE	EMERG	ENCY OR SPIL	Test, les	7A87 13 E			_	
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this shipping name and are classified, packed, marked, and labeled, and are in all respects in proper international and national government regulations, including applicable state regulations, and a					r transport	by highway acc	ording to an	oplicable	
R	PRINTED/TYPED NAME			SIGNATURE	· · · · · ·					
T R	16. TRANSPORTER (1)			17.	TF	RANSPO	ORTER (2)			
A	NAME: SDR ENTERPRISE	LLC		NAME:						
N S	TEXAS I.D. NO.	C 114	NINGN	TEXAS I.D. NO.						
P O	IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: (575)	5HA 5) 441-73	NONN	IN CASE OF EME EMERGENCY PH		Y CONTA	CT:			
R T	18. TRANSPORTER (1): Acknowledgment of	of receipt of	material	19. TRANSPOL		(2): Ackn	owledgment of 1	eceipt of m	aterial	
E R	PRINTED/TYPED NAME Aldo Cab.	aller	Ō	PRINTED/TYPED	NAME .					
S	PRINTED/TYPED NAME Aldo Cabollo SIGNATURE Aldo Cabollo	PATE	7/18/	2016 NATURE			E	OATE		
	Log Lond II C	ADDRE		M 1 (4 II	C II	60/16	PHONE:	575 00	7 4040	
D F	Lea Land, LLC			Marker 64, U. liles East of Ca			50,	3/3-88	7-4048	
I A S C P I	PERMIT NO. WM-01-035 - New Mex	tico		20. COMMENTS						
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	CATION:	I Hereby c	ertify that the above d	escribed	wastes wei	re delivered to the	nis facility, t	hat the	
L Y	AUTHORIZED SIGNATURE	rn S		CELL NO.		4		Q	ме 20	

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

LEA LAND, LLC

	1300 WEST MAIN STE		A CITY, OK 73106 • 1	PHONE (405	5) 236-4257	$()_{0}$	mauz	A	
NO	N-HAZARDOUS WASTE MANIFI	EST NO	115073	1. PAGE	OF		ER NO.		
G	3. COMPANY NAME E.O.G Resources	4. ADDRESS 5509 Champ	ion Dr.			K-UP DATE /18/2016			
E	PHONE NO. (432) 686-3705	CITY Midland	STATE TX.	ZII 7970		RCC I.D. NO	CC I.D. NO.		
	7. NAME OR DESCRIPTION OF WASTE SHIPPEI	D:	Í	8. CONTA No.		9. TOTAL UANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N	a.Non-Regulated, Non Hazardous Wast	e		- 1 -20	CM		Y		
E	b. c.								
R	dw 7 45 460 414	40 43	820						
	12. COMMENTS OR SPECIAL INSTRUCTIONS:				1:	3. WASTE P	ROFILE N	D.	
A	RHNU 106	TOTA	10.1307	20					
Т	14. IN CA	SE OF EMERG PHONE NO	ENCY OR SPIL	L, CONT	ACT	24-HOUR	EMERGE	NCY NO	
1	KIN SLAUGHTER	575-887-4048	ķ						
О	15.GENERATOR'S CERTIFICATION: I shipping name and are classified, packed, marked, and international and national government regulations, inc	I labeled, and are in a	ll respects in proper co	ndition for to	ransport by	highway acc	ording to a	pplicable	
R	PRINTED/TYPED NAME		SIGNATURE					DATE	
T	16. TRANSPORTER (1)		17.	TRA	NSPOR	TER (2)			
R A	NAME: SDR ENTERPRISE	LLC	NAME:						
N S	TEXAS I.D. NO.		TEXAS I.D. NO.						
P	IN CASE OF EMERGENCY CONTACT:	SHANNON	IN CASE OF EME	ERGENCY C	CONTACT:				
O R		441-7330	EMERGENCY PH						
T	18. TRANSPORTER (1): Agknowledgment of	/ _	19. TRANSPO	RTER (2)	: Acknowl	edgment of r	eceipt of m	aterial	
E R	PRINTED/TYPED NAME VISAUV	aroun	PRINTED/TYPEI	NAME					
S	SIGNATURE USANO CAR	DATE 7/18	20si 6 nature			D	ATE		
		ADDRESS:	•			PHONE:		1000	
D F	Lea Land, LLC		e Marker 64, U.	•	-		575-88	7-4048	
I A S C P I	PERMIT NO. WM-01-035 - New Mexic		Miles East of Ca 20. COMMENTS	arisbad, I	NIVI				
O L S I A T	21. DISPOSAL FACILITY'S CERTIFICATE facility is authorized and permitted to receive such w		Certify that the above of	described wa	stes were d	elivered to th	nis facility,	that the	
L Y	AUTHORIZED SIGNATURE		CELL NO.		DATE 7	/18/2016		ME	

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

	1300 WEST MAIN ST			AND, LLC MA CITY, OK 73106 •	PHONE ((405) 236-4	²⁵⁷ ()	anz	-a	
NON	N-HAZARDOUS WASTE MANIF	EST	NO	115084	1. PA	.GEOF_	2. TRAII	LER NO.	107	
G	3. COMPANY NAME E.O.G Resources	4. ADDR 5509		npion Dr.		5. F	7/19/2016			
E	PHONE NO. (432) 686-3705	CITY Midla	nd	STATE TX.		706	NRCC I.D. NO	RCC I.D. NO.		
N	7. NAME OR DESCRIPTION OF WASTE SHIPPE a.Non-Regulated, Non Hazardous Was				8. CON No.	TAINERS Type CM	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
E	b. c.		-							
R	d.W1:4140 412(12. COMMENTS OR SPECIAL INSTRUCTIONS:	O	4'	2,040			13. WASTE F	ROEILE N	0	
A	RHNU-106		T6	124.44	<u>/) </u>		13. WAGIET	KONEE IV	O.	
Т	14. IN CA NAME KIN SLAUGHTER	SE OF PHONE 575-8	E NO	RGENCY ÓR SPII 48	LL, CO	NTACT	24-HOUR	EMERGE	NCY NO.	
O	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, a	and are i	n all respects in proper c	ondition f	or transport	by highway acc	cording to a	pplicable	
R	PRINTED/TYPED NAME			SIGNATURE				DATE		
T R:	16. TRANSPORTER (1)			17.	T	RANSPO	ORTER (2)			
A	NAME: SOR ENTERPRISE	LLC		NAME:						
N S	TEXAS I.D. NO	211	ANNO	TEXAS I.D. NO.						
P O	IN CASE OF EMERGENCY CONTACT:	5) 441-7		IN CASE OF EM		Y CONTAC	CT:			
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of			al 19. TRANSPO		(2): Ackno	owledgment of	receipt of m	aterial	
T E R	PRINTED TYPED NAME (hrs. I gold	er O	Free	PRINTED/TYPE		. ,				
S	SIGNATURE & Marya	DATE	7/	19/2016 SIGNATURE			I	DATE		
D F	Lea Land, LLC	ADDR	M	lile Marker 64, U Miles East of C		•	PHONE:	575-88	7-4048	
I A S C P I O L	PERMIT NO. WM-01-035 - New Mex	rico		20. COMMENTS						
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		I Here	by certify that the above	described	wastes wer	e delivered to t	his facility,	that the	
L Y	AUTHORIZED SIGNATURE	002		CELL NO.	_	DAT	E 7/19/2018	/	ME (17)	

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 MANIFEST	NO 1	15085	1. PAG	GEOF	_	2. TRAIL	ER NO.	0000	
G	3. COMPANY NAME 4. ADDRES E.O.G Resources 5509	ss Champi	on Dr.		5.		up date 9/2016			
E	PHONE NO. (432) 686-3705 CITY Midland	d	STATE TX.		ZIP 6.	TNRC	C I.D. NO			
~	7. NAME OR DESCRIPTION OF WASTE SHIPPED: Non-Regulated, Non Hazardous Waste			8. CON Ng.	TAINERS		TOTAL ANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N	a. b.									
E	с.					-	-			
R	43,280 44(,2D)	42	2140			+				
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: RHNU 108			0/	()	13.	WASTE P	ROFILE N	Э.	
A		Ka	130		_					
Т		Nº-4048	ENCY OR SPIL	L, COP	VIACT		24-HOUR	EMERGE	NCY NO.	
0	15.GENERATOR'S CERTIFICATION: I Hereby deshipping name and are classified, packed, marked, and labeled, an international and national government regulations, including appl	r transpoi	t by hi	ghway acc	ording to ar	plicable				
R	PRINTED/TYPED NAME	AME SIGNATURE							DATE	
T	16. TRANSPORTER (1)		17. TRANSPORTER (2)							
R A	NAME: SOR ENTERPRISE LLC	- 11	NAME:							
N	TEXAS I.D. NO.		TEXAS I.D. NO.	.S I.D. NO.						
S P	SHAI	иоии	IN CASE OF EME	RGENCY	Y CONTA	CT:				
O	EMERGENCY PHONE: (575) 441-73	30	EMERGENCY PH	ONE:						
R T	18. TRANSPORTER (1): Acknowledgment of receipt of	- 1	19. TRANSPOI		(2): Ackı	nowled	gment of a	eceipt of m	aterial	
E	PRINTED/TYPED NAME; 100 USALL	ERO	PRINTED/TYPED	NAME .						
R S	SIGNATURE DATE	7/19	2016 SIGNATURE				Ε)ATE		
	ADDRE						PHONE:			
D F	Lea Land, LLC		Marker 64, U. Iiles 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: facility is authorized and permitted to receive such wastes.	I Hereby co	ertify that the above d	lescribed	wastes we	ere del	ivered to tl	nis facility, (that the	
L Y	AUTHORIZED SIGNATURE		CELL NO.		DAT	TE 7/4	9/2016	TIN	ИЕ	
	Montal Monantes					11	. w u 1 W	19	:2D	

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

LEA LAND, LLC

	1300 WEST MAIN ST		A CITY, OK 73106 • 1	PHONE (4	105) 236-4	257	DP)			
NON	N-HAZARDOUS WASTE MANIF	115086	1. PAG	*D12							
G	3. COMPANY NAME E O G Resources PHONE NO.	4. ADDRESS 5509 Champi	ion Dr. STAT	2		5. PICK-UP DATE 7/19/2016 6. TNRCC I.D. NO.					
E	(432) 686-3705	Midland									
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONT	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID#			
N	^a .Non-Regulated, Non Hazardous Was		4	CM		Υ					
E	b. c.						_				
R	°WT 46360 465	180 43	3,640								
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: 13. WASTE PROFILE NO.										
Т	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGENCY 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			
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SHANNON EMERGENCY PHONE: EMERGENCY PHONE: EMERGENCY PHONE:										
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME										
D F I A S C P I O L S I A T L Y	Lea Land, LLC	ADDRESS:	Marker 64, U. Miles East of Ca		,	PHONE:		7-4048			
	PERMIT NO. WM-01-035 - New Mex		20. COMMENTS		,						
	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		ertify that the above d	lescribed v	vastes wer	e delivered to the	is facility, t	hat the			
	AUTHORIZED SIGNATURE	4	CELL NO.		DATE	7/40/204#	TIN	ME / 2/			

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	115087	1. PAG	EOF_	2. TRAIL	ER NO.	4007			
G	3. COMPANY NAME E:O.G Resources PHONE NO.	4. ADDRESS 5509 Champ CITY	ion Dr. STA E	Z	5. PICK-UP DATE 7/19/2016 ZIP 6. TNRCC I.D. NO.						
E	(432) 686-3705 7. NAME OR DESCRIPTION OF WASTE SHIPPE	Midland D:	TX.	7970 8. CONTA	- 11	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	^a .Non-Regulated, Non Hazardous Wasi	Hazardous Waste			СМ		* Y				
E	b. c.										
R	dwt 22,640 26,960 25880										
A	RHNU 108 75480										
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	DATE									
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME: SDR ENTERPRISE LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: SHANNON EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE 17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME DATE DATE										
D F I A S C P I O L S I A T L Y	Lea Land, LLC		e Marker 64, U. Miles East of Ca	•		0, PHONE:	575-88	37-4048			
	PERMIT NO. WM-01-035 - New Mex		20. COMMENTS								
	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE	1	CELL NO.		DATE	3	TI	ME			