

Site Characterization and Closure Report

November 23, 2020

Maljamar Grayburg Unit #1 Crude Oil and Produced Water Release NRM2019948612

Prepared For:

BXP Operating, LLC 1515 Calle Sur, Suite 174 Hobbs, New Mexico 88240

Prepared By:

Crain Environmental 2925 East 17th Street Odessa, Texas 79761

yothia R. Crain

Cynthia K. Crain, P.G.

MGU #1 Crude Oil and Produced Water Release Site Characterization and Closure Report



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MGU #1 Crude Oil and Produced Water Release Site Characterization and Closure Report



1.0 Introduction

Crain Environmental (CE), on behalf of BXP Operating, LLC (BXP), has prepared this *Site Characterization and Closure Report* for the crude oil and produced water release at the Maljamar Grayburg #1 (MGU #1) Site, located in Unit Letter N, Section 3, Township 17 South, Range 32 East, Maljamar, Lea County, New Mexico. The global positioning system (GPS) coordinates for the Release Site are 32.857247, -103.756836. The property surface rights are privately owned. The location of the Release Site is depicted on Figure 1.

2.0 Background

On July 10, 2020, a split in a flow line resulted in a release of approximately 3 barrels (bbls) of crude oil and approximately 3 bbls of produced water. Immediately following the release, the area was secured, the flow line was repaired.

The released fluid flowed on the ground approximately 125 feet south from the release point. Approximately 3 bbls of crude oil and approximately 3 bbls of produced water were recovered, and impacted soil was excavated and stockpiled on plastic at the Site. Land use in the Site vicinity is primarily oil and gas production activity.

The release was observed by the landowner, who reported the release to the New Mexico Oil Conservation Division (NMOCD). The NMOCD contacted BXP on July 10, 2020, and the NMOCD Form C-141 (Release Notification Report) was submitted on July 13, 2020. A copy of the NMOCD Form C-141 is provided in Appendix A. The C-141 was approved by the NMOCD and the Site was given a NMOCD Tracking Number of NRM2019948612. Crude oil and produced water surface impacts at the Site cover approximately 1,700 square feet. The release point and the surface extent of the crude oil and produced water release are depicted on Figure 2.

This Site Characterization and Closure Report is due within 90 days of discovering the release in accordance with 19.15.29.11 New Mexico Administrative Code (NMAC); however a request for a 60-day extension (until December 10, 2020) was submitted to the NMOCD on October 19, 2020.

3.0 NMOCD Closure Criteria

Cleanup standards for produced water spills are provided in 19.15.29 NMAC. The cleanup standards (described in the rule as "Closure Criteria") are based primarily on depth to groundwater but are also based on other criteria. Three different Closure Criteria are provided in the rule. The most stringent apply to sites where groundwater is found within 50 feet of the ground surface or if the release occurred within one of the following areas:

- Within 300 feet of any continuously flowing watercourse or any other significant watercourse.
- Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary highwater mark).
- Within 300 feet from an occupied permanent residence, school, hospital, institution or church.
- Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes.
- Within 1,000 feet of any fresh water well or spring.



- Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended.
- Within 300 feet of a wetland.
- Within the area overlying a subsurface mine.
- Within an unstable area such as a karst formation.
- Within a 100-year floodplain.

CE reviewed available information to determine the Closure Criteria for the Site. The findings of this evaluation are summarized below.

3.1 Groundwater Evaluation

Review of the New Mexico Office of the State Engineer (NMOSE) records indicated there is one water well (L 13050 POD 1) located within 830 of the Site, with a recorded depth to groundwater of 132 feet as listed in the table below. Figure 3 provides a ½ mile radius circle around the Site, and water well L 13050 POD 1 is shown within that radius. Based on the water well data available in NMOSE records, it is estimated that depth to groundwater at the Site is greater than 100 feet bgs.

Nearby Water Wells

Well ID	Location from Release Site	Year Installed	Use	Well Depth and Depth to Water (feet bgs)
L 13050 POD 1	Approx. 0.16 mile to the southeast	1962	N/A	156 feet/132 feet

3.2 Surface Features and Other Development

CE reviewed recent aerial photographs, topographic maps, the NMOSE Point of Discharge (POD) GIS website, and information available from the Lea County, New Mexico Central Appraisal District website. As shown on Figure 3, the Site is <u>not</u> located:

- Within 300 feet of any continuously flowing watercourse or any other significant watercourse.
 - No continuously flowing watercourses (rivers, streams, arroyos, etc.) are apparent within 300 feet of the Site in the topographic map (Figure 3).
- Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary highwater mark).
 - The topographic map (Figure 3) indicates there is not a lakebed, sinkhole or playa lake located within 200 feet of the Site.
- Within 300 feet from an occupied permanent residence, school, hospital, institution or church.
 - The Site Location Map (Figure 1) and information available from the Lea County, New Mexico Central Appraisal District do not show or list any permanent residence, school, hospital, institution or church located within 300 feet of the Site.
- Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes.

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- No wells or springs located within 500 feet of the Site appear in any of the NMOSE records reviewed by CE.
- Within 1,000 feet of any fresh water well or spring.
 - No fresh water wells or springs located within 1,000 feet of the Site appear in any of the records reviewed by CE.
- Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended.
 - Based on the property and other records review by CE, the Site is not located in incorporated municipal boundaries or within a defined municipal fresh water well field.
- Within the area overlying a subsurface mine
 - Based on the property and other records reviewed by CE, the Site is not located within an area overlying a subsurface mine.

3.3 Wetlands, Floodplain, and Karst Geology

A review of the United States Fish and Wildlife Service (USFWS) wetlands map indicated the Site is not located within 300 feet of a wetland. The New Mexico Bureau of Land Management (BLM) karst potential map indicates the Site is located within a "low karst potential" area. Finally, review of the Federal Emergency Management Act (FEMA) floodplain map indicates the release at the Site is located outside of a 100-year floodplain. Figures 4 and 5 depict the FEMA floodplain information and the karst potential data, respectively.

3.4 Closure Criteria Currently Assumed Applicable to the Site

The Closure Criteria applicable to the Site will be based on the estimated depth to groundwater at the Release Site, which dictates the regulatory guidelines typically associated with groundwater depths greater than 100 feet bgs. A summary of the Closure Criteria is provided in the table below and in Table 1.

		Closure Criteria Based on Depth to Groundwater (mg/kg)			
Constit	tuent of Concern	≤ 50 feet bgs	51 feet to 100 feet bgs	> 100 feet bgs	
Chloride (EPA 300)		600	10,000	20,000	
TPH (EPA	GRO + DRO + MRO	100	2,500	2,500	
8015M)	GRO + DRO	NA	1,000	1,000	
Total BTEX (EPA 8021 or 8260)		50	50	50	
Benzene (EPA 8021 or 8260)		10	10	10	

NMOCD Closure Criteria

Notes: NA = not applicable

bgs = below ground surface mg/kg = milligrams per kilogram GRO = gasoline range organics DRO = diesel range organics

MRO = motor oil range organics

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TPH = total petroleum hydrocarbons BTEX = benzene, toluene, ethylbenzene, and total xylenes Green highlighted cells denote applicable Closure Criteria.

4.0 Site Assessment/Characterization Results

As per 19.15.29.11 NMAC, a Site Characterization Report will have the components described in Sections 4.1 through 4.5 of this document.

4.1 Site Map

As required by 19.15.29.11 NMAC, a scaled diagram showing significant Site infrastructure, sample point locations, and known subsurface features such as utilities is provided as Figure 2.

4.2 Depth to Groundwater

As discussed in Section 3.1, the exact depth to groundwater beneath the Site is unknown. During investigation activities, a maximum depth of 16 feet bgs was reached, at which groundwater was not encountered. A review of the NMOSE water well records indicates that groundwater was present at a depth of 132 feet at the nearest well drilled since 1962 (L 13050 POD 1), located approximately 830 feet (0.16 mi) to the southeast of the Site.

4.3 Wellhead Protection Area

The 0.5-mile wellhead protection area is shown on Figure 3. As listed in the NMOSE database, water well L 13050 POD 1 is located approximately 830 feet southeast of the Site, and was drilled in 1962 with a depth to water of 132 feet below ground surface. There were no other water sources, springs, or other sources of fresh water extraction identified within 0.5-mile of the Site.

4.4 Distance to Nearest Significant Watercourse

The horizontal distance to the nearest significant watercourse as defined in Subsection P of 19.15.17.7 NMAC is greater than 0.5-mile from the Site.

4.5 Summary of Remediation Activities

Between July 13 and July 28, 2020, impacted soil was excavated from the Site and stockpiled on plastic adjacent to the excavation, pending disposal. On July 28, 2020 soil samples (SS-1 [9'], SS-2 [8'], SS-3 [11'] and SS-4 [16']) were collected from the bottom of the excavation at depths ranging from 8 to 16 feet below ground surface (bgs).

Soil samples were placed in clean glass sample jars, properly labeled, immediately placed on ice and hand delivered to Eurofins/Xenco Environmental Testing (Eurofins) in Midland, Texas under proper chainof-custody control. All samples were analyzed for total petroleum hydrocarbons (TPH) by Environmental Protection Agency (EPA) SW-846 Method 8015 Modified, for benzene, toluene, ethylbenzene and xylenes (collectively referred to as BTEX) by EPA SW-846 Method 8021B, and for chlorides by EPA Method 300.

Table 1 provides a summary of the laboratory results, and sample locations with concentrations are provided on Figure 2. Photographs of the release area are provided in Appendix B. The laboratory report and chain-of-custody documentation is provided in Appendix C.

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Referring to Table 1, concentrations of TPH, BTEX and chlorides were reported below the Closure Criteria in all samples.

Excavation of impacted soil from the sidewalls continued until sidewall confirmation samples (SW-1 through SW-9) were collected on September 2, 2020 at depths ranging from 3 to 8 feet bgs. Soil samples were placed in clean glass sample jars, properly labeled, immediately placed on ice and hand delivered to Eurofins under proper chain-of-custody control. All samples were analyzed for TPH, BTEX and chlorides. Excavated soil was staged on the stockpile pending disposal.

Table 1 provides a summary of the laboratory results, and sample locations with concentrations are provided on Figure 2. Photographs of the release area are provided in Appendix B. The laboratory report and chain-of-custody documentation is provided in Appendix C.

Referring to Table 1, concentrations BTEX and chlorides were reported below the Closure Criteria in all samples. Concentrations of TPH exceeded the Closure Criteria in samples SW-2 (3,190 mg/kg), SW-6 (11,100 mg/kg) and SW-7 (17,400 mg/kg). Concentrations of Diesel Range Organics (DRO) were reported above the Closure Criteria in samples SW-2 (2,790 mg/kg), SW-5 (1,120 mg/kg), SW-6 (9,900 mg/kg) and SW-7 (15,400 mg/kg). Concentrations of Gasoline Range Organics (GRO) + DRO exceeded the Closure Criteria in sample SW-7 (260 mg/kg). TPH concentrations in all other samples were reported below the Closure Criteria.

Additional excavation of the sidewalls continued at the sample point, SW-2, SW-5, SW-6 and SW-7 locations. Confirmation samples were collected from those locations on September 29, 2020. Soil samples were placed in clean glass sample jars, properly labeled, immediately placed on ice and hand delivered to Eurofins under proper chain-of-custody control. All samples were analyzed for TPH. Excavated soil was staged on the stockpile pending disposal.

Table 1 provides a summary of the laboratory results, and sample locations with concentrations are provided on Figure 2. The laboratory report and chain-of-custody documentation is provided in Appendix C.

Referring to Table 1, TPH concentrations in all soil samples were reported below the Closure Criteria.

4.6 Laboratory Analytical Data Quality Assurance/Quality Control Results

Data reported in Work Orders 668542, 671827 and 673912 generated by Eurofins in Midland, Texas, were reviewed to ensure that reported analytical results met data quality objectives. It was determined by quality control data associated with analytical results that reported concentrations of target analytes are defensible and that measurement data reliability is within the expected limits of sampling and analytical error. All analytical results are usable for characterization of soil at the Site. The laboratory analytical results are provided as Appendix C.



4.7 Soil Disposal and Closure

From October 26 through November 11, 2020, 960 cubic yards of stockpiled soil was hauled to Gandy Marley, Inc. for disposal.

As all impacted soil has been excavated and disposed, and all sample results report TPH, BTEX and chloride concentrations below the NMOCD Closure Criteria, BXP respectfully requests that the MGU #1 site be granted closure by the NMOCD.

Upon receipt of Closure Approval by the NMOCD, clean soil will be brought to the Site and the excavation will be backfilled.

5.0 Distribution

- Copy 1: Mike Bratcher New Mexico Energy, Minerals, and Natural Resources Department Oil Conservation Division, District 2 811 S. First Street Artesia, New Mexico 88210
- Copy 2: M.Y. (Merch) Merchant BXP Operating, LLC 1515 Calle Sur, Suite 174 Hobbs, New Mexico 88240



TABLE

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TABLE 1 SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS BXP OPERATING, LLC MALJAMAR GRAYBURG UNIT #1 CRUDE OIL AND PRODUCED WATER RELEASE NMOCD TRACKING NO.: NRM2019948612

Sample ID	Sample	Sample Depth	Soil	TPH (GRO)	TPH (DRO)	TPH (MRO)	Total TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Chloride
campie 12	Date	(feet bgs)	Status					milligrams	s per kilogran	n (mg/kg)			
NMOCD	NMOCD Closure Criteria			GRO + DRO	= 1,000	-	2,500	10	-	-	-	50	20,000
		1	I		1	I	I	1		Γ	I		
SS-1 (9')	07/28/20	9	In Situ	<49.9	952	106	1,060	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	2,120
SS-2 (8')	07/28/20	8	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	3,360
	-							•					
SS-3 (11')	07/28/20	11	In Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	2,480
SS-4 (16')	07/28/20	16	In Situ	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	5,380
	01/20/20	10	in ond	11010	\$10.0	\$10.0	\$10.0	40.00100	0.00100	0.00100	40.00100	40.00100	0,000
SW-1	09/02/20	8	In Situ	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	148
SW-2	09/02/20	5.5	Excavated	<50.0	2,790	395	3,190	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<4.96
SW-2	09/29/20	5.5	In Situ	<50.0	<50.0	<50.0	<50.0						
	-	1	1			1		-	1	T	1	1	
SW-3	09/02/20	5.5	In Situ	<50.0	62.3	<50.0	62.3	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<4.99
SW-4	09/02/20	3	In Situ	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	160
	•	ĩ	•		-								
SW-5	09/02/20	3	Excavated	<49.8	1,120	144	1,260	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	1,050
SW-5	09/29/20	3	In Situ	<50.0	131	<50.0	131						
SW-6	09/02/20	4.5	Excavated	<250	9,900	1,220	11,100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	3,760
SW-6	09/29/20	4.5	In Situ	<50.0	<50.0	<50.0	<50.0						
e	T											I	
SW-7	09/02/20	4.5	Excavated	260	15,400	1,740	17,400	<0.00202	0.00731	0.0384	0.0770	0.123	605
SW-7	09/29/20	4.5	In Situ	<50.0	<50.0	<50.0	<50.0						
SW-8	09/02/20	4.5	In Situ	<50.0	71.9	<50.0	71.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	233
SW-9	09/02/20	4	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	142
011 0	00/02/20	т Т	in old	100.0	~00.0	<00.0	<00.0	₹0.00200	L0.00200	<0.00200	Q.00200	<u> </u>	174

Notes:

1. GRO: Gasoline Range Organics

2. DRO: Diesel Range Organics

3. MRO: Motor Oil Range Organics

4. -: No sample collected.

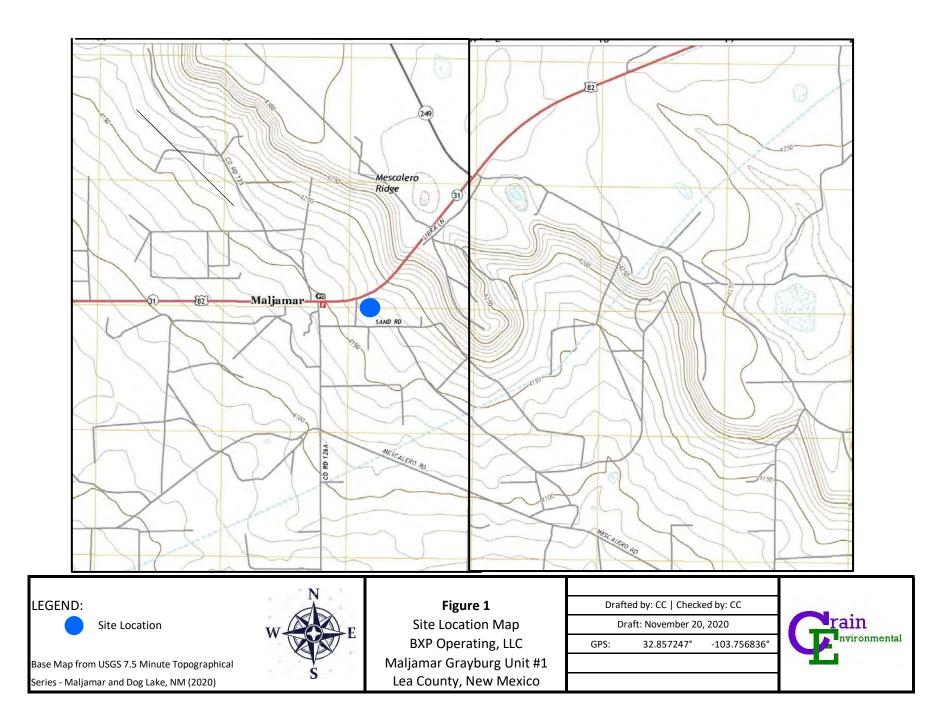
5. Bold indicates the COC was detected above the appropriate laboratory method/sample detection limit.

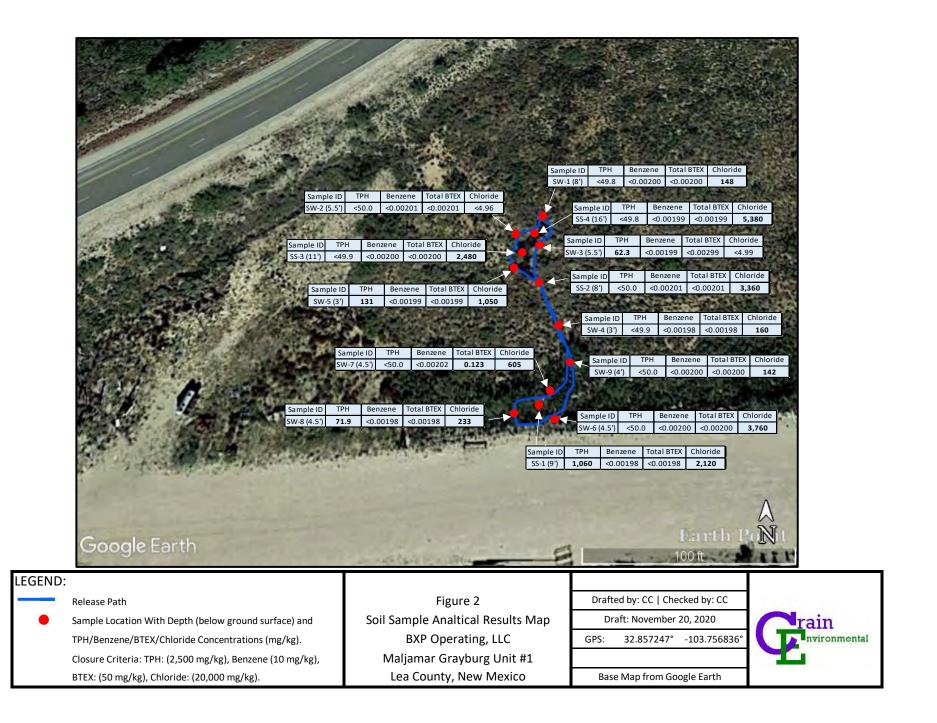
6. < indicates the COC was below the appropriate laboratory method/sample detection limit

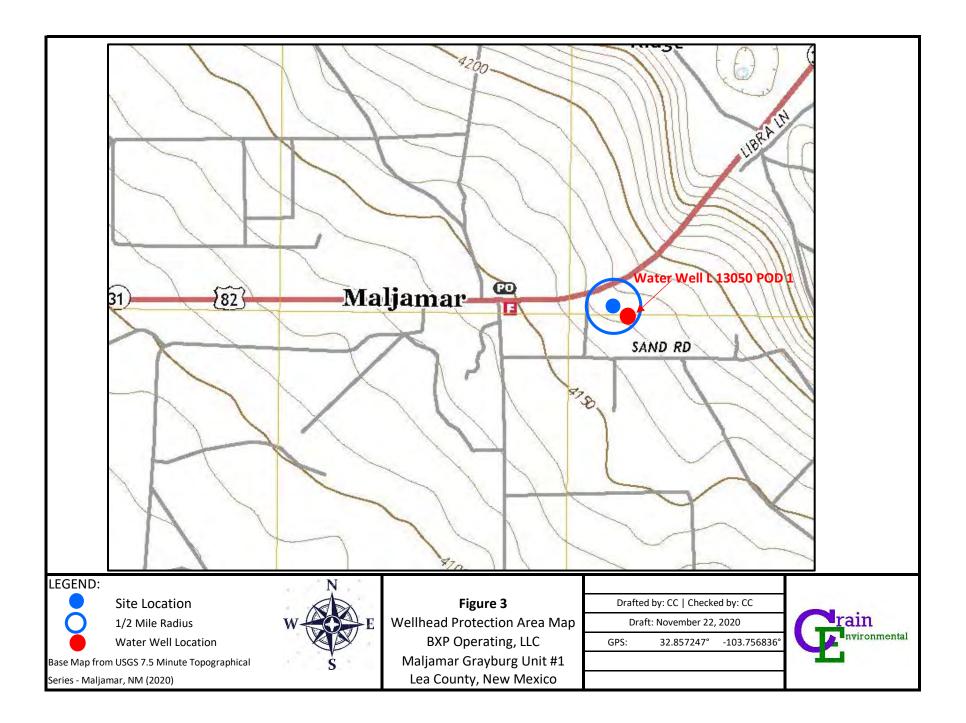
7. Yellow highlighting and bold indicates the COC concentration exceeds the NMOCD Closure Criteria

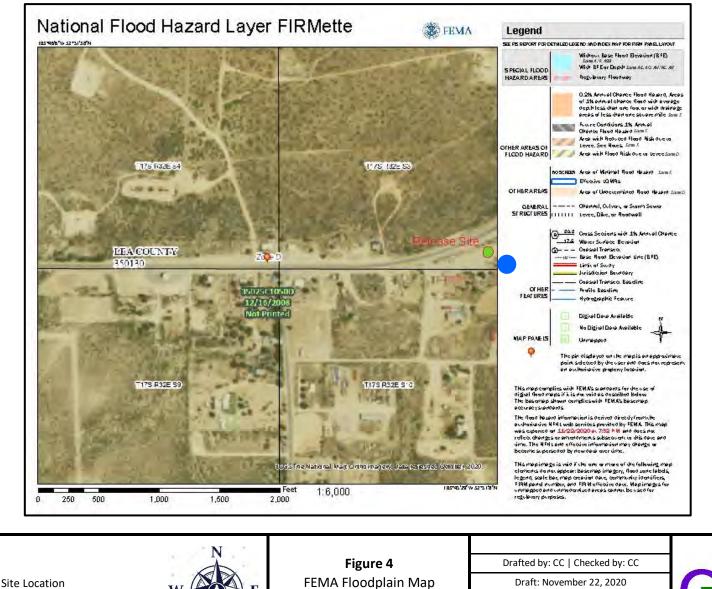


FIGURES









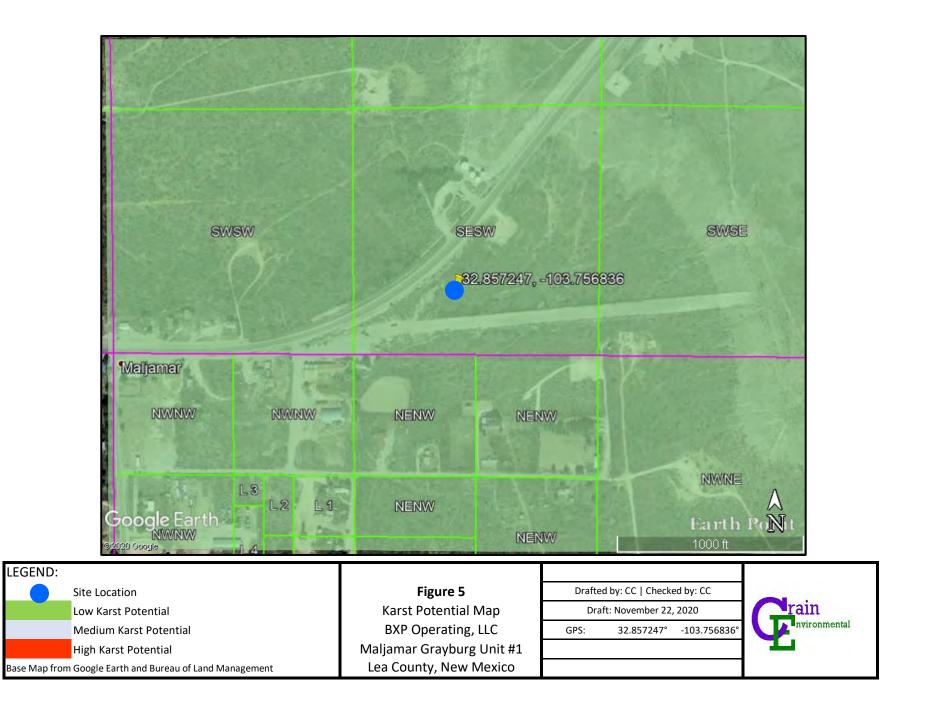
BXP Operating, LLC

Maljamar Grayburg Unit #1 Lea County, New Mexico GPS: 32.857247° -103.756836



Base Map from Google Earth and FEMA StayDry

LEGEND:





Appendix A: Release Notification and Corrective Action Form (NMOCD Form C-141)

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	
District RP	0
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party BXP Operating, LLC	OGRID 329487	
Contact Name M.Y. Merchant	Contact Telephone 575-492-1236	
Contact email mymerch@penrocoil.com	Incident # (assigned by OCD)	
Contact mailing address 1515 Calle Sur, Suite 174 Hobb 88241	s, NM	

Location of Release Source

Latitude 32.857247	Longitude-103.756836 of release for more details.
#Source of release	(NAD 83 in decimal degrees to 5 decimal places)
Site Name Maljamar Grayburg Unit #1	Site Type Producing Well
Date Release Discovered 7-10-2020	API# (if applicable) 30-025-00440

Unit Letter	Section	Township	Range	County
N	03	17S	32E	LEA

Surface Owner:	State	Federal	Tribal	Private (Name:

Nature and Volume of Release

🔀 Crude Oil	Volume Released (bbls) 3	Volume Recovered (bbls) 3
Produced Water	Volume Released (bbls) 3	Volume Recovered (bbls) 3
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls) 0	Volume Recovered (bbls) 0
Natural Gas	Volume Released (Mcf) 0	Volume Recovered (Mcf) 0
Other (describe)	Volume/Weight Released (provide units) 0	Volume/Weight Recovered (provide units) 0

Cause of Release

Source release from MGU #1 split poly line, leak ran downhill. Leak volume gathered approximately 200' South of MGU #11 INJ well. API: 30-025-00446, Private owned. Split Poly line spliced and repaired. Volume recovered put on plastic, running sample test for remedial plan. Environmental consultant on location tentatively Wednesday July 15, 2020. Remediation plan will be submitted after Cindy Green does her research and submit a proposal within a short time. Contaminated dirt will be hauled to approved site.

Form C-141	State of New Mexico			
	010	Incident ID		
Page 2	Oil Conservation Division	District RP		
		Facility ID		
		Application ID		
Was this a major	If YES, for what reason(s) does the responsible part	ty consider this a major release?		
release as defined by Release is over 5bbl in volume.				

🛛 Yes 🗌 No

19.15.29.7(A) NMAC?

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Run down fluid was found by surface owner. Road (old landing strip) is closed w/fence & is not travelled by BXP field personnel. Surface owner contact NMOCD, who in turn connected w/ lease operator by phone.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: M-Y. Merchant Signature:	Title:Production Supervisor Date:7-13-2020 Telephone:575-492-1236
OCD Only Received by:	Date:

Form C-141 Page 3

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🖾 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🖾 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🖾 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗋 Yes 🖾 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🛛 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

X Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.

X Field data

Data table of soil contaminant concentration data Depth to water determination

X Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release

Boring or excavation logs

A Photographs including date and GIS information

Topographic/Aerial maps

Laboratory data including chain of custody [X]

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

eceived by OCD: 11/24	/2020 8:29:16 AM	Page 21 of
orm C-141	State of New Mexi	co Incident ID
age 4	Oil Conservation Div	
		Facility ID
		Application ID
failed to adequately inves addition, OCD acceptance and/or regulations. Printed Name: Signature:	tigate and remediate contamination that po	by the OCD does not relieve the operator of liability should their operations have use a threat to groundwater, surface water, human health or the environment. In erator of responsibility for compliance with any other federal, state, or local laws Title: Production Manager Date:11/23/2020 Telephone:(575) 492-1236
OCD Only Received by:		Date:

Form C-141 Page 5

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

 Remediation Plan Checklist: Each of the following items must be included in the plan.

 Image: Solution of proposed remediation technique

 Solution of proposed remediation technique

 Image: Solution of proposed remediation technique

 Solution of proposed remediation technique

 Image: Solution technique
 </

which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name:M.Y. (Merch) Merchant	Title: Production Manager
Signature:	Date:11/23/2020
email: <u>mymerch@penrocoil.com</u>	Telephone:(575) 492_1236
OCD Only	
Received by:	Date:
Approved Approved with Attached Conditions of	Approval Denied Deferral Approved
Signature:	Date:

Form C-141 Page 6 State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. X A scaled site and sampling diagram as described in 19.15.29.11 NMAC X Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) X Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) X Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Production Manager Printed Name: M.Y. (Merch) Merchant Title: Signature: Uplanet Afret Date: _____11/23/2020 email: mymerch@penrocoil.com (575) 492-1236 Telephone: **OCD** Only Date: Received by:

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:	Date:
Printed Name:	Title:



. Released to Imaging: 4/9/2021 3:37:04 PM

BY: Dillon Salas



.



Appendix B: Photographic Documentation



Lea County, New Mexico

Released to Imaging: 4/9/2021 3:37:04 PM



Photo 5: View to E of remediation (9/2/20).

Photographs	s Taken By:	Page No.	Client:	Site Name & Address:	
Cindy	Crain	2 of 2	BXP Operating, LLC	MGU #1 Lea County, New Mexico	Grain

Released to Imaging: 4/9/2021 3:37:04 PM



Appendix C: Laboratory Analytical Reports

Project Id:

Project Location:

Contact:



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eurofins Environment Testing Xenco

Cindy Crain

Maljamar, NM

Crain Environmental, Odessa, TX

Project Name: MGU #1

Date Received in Lab:Wed 07.29.2020 14:01Report Date:08.14.2020 08:15Project Manager:Jessica Kramer

Lab Id: 668542-001 668542-002 668542-003 668542-004 Field Id: SS-1 (9') SS-2 (8') SS-3 (11') SS-4 (16') Analysis Requested Depth: 9- ft 8- ft 16- ft 11- ft Matrix: SOIL SOIL SOIL SOIL Sampled: 07.28.2020 14:40 07.28.2020 14:20 07.28.2020 14:50 07.28.2020 15:10 BTEX by EPA 8021B 08.03.2020 14:00 08.03.2020 14:00 08.03.2020 14:00 08.03.2020 14:00 Extracted: Analyzed: 08.04.2020 07:11 08.04.2020 07:31 08.04.2020 07:52 08.04.2020 08:12 RL mg/kg RL mg/kg RL RL Units/RL: mg/kg mg/kg < 0.00201 < 0.00200 0.00200 < 0.00198 0.00198 0.00201 < 0.00199 0.00199 Benzene < 0.00200 0.00200 < 0.00199 0.00199 Toluene < 0.00198 0.00198 < 0.00201 0.00201 < 0.00198 0.00198 < 0.00201 0.00201 < 0.00200 0.00200 < 0.00199 0.00199 Ethylbenzene 0.00396 < 0.00402 0.00402 < 0.00399 0.00399 < 0.00398 0.00398 < 0.00396 m,p-Xylenes < 0.00200 0.00200 o-Xylene < 0.00198 0.00198 < 0.00201 0.00201 < 0.00199 0.00199 0.00201 < 0.00200 0.00200 < 0.00199 0.00199 < 0.00198 0.00198 < 0.00201 Total Xylenes Total BTEX < 0.00198 0.00198 < 0.00201 0.00201 < 0.00200 0.00200 < 0.00199 0.00199 Chloride by EPA 300 Extracted: 07.30.2020 14:00 07.30.2020 14:00 07.30.2020 14:00 07.30.2020 15:45 07.31.2020 11:53 07.31.2020 12:12 07.31.2020 12:18 07.30.2020 16:37 Analyzed: RL RL RL RL Units/RL: mg/kg mg/kg mg/kg mg/kg Chloride 2120 24.8 3360 25.1 2480 25.1 5380 50.3 TPH By SW8015 Mod Extracted: 07.29.2020 14:45 07.30.2020 16:00 07.30.2020 16:00 07.30.2020 16:00 Analyzed: 07.29.2020 20:28 07.30.2020 19:29 07.30.2020 19:48 07.30.2020 20:07 RL mg/kg RL mg/kg RL RL Units/RL: mg/kg mg/kg Gasoline Range Hydrocarbons (GRO) <49.9 49.9 < 50.050.0 <49.9 49.9 <49.8 49.8 Diesel Range Organics (DRO) 952 49.9 < 50.0 50.0 <49.9 49.9 <49.8 49.8 Motor Oil Range Hydrocarbons (MRO) 49.9 < 50.0 50.0 <49.9 49.9 <49.8 49.8 106 Total TPH 1060 49.9 < 50.0 50.0 <49.9 49.9 <49.8 49.8

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Jession Vermer

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eurofins Environment Testing Xenco

Analytical Report 668542

for

Crain Environmental

Project Manager: Cindy Crain

MGU #1

08.14.2020

Collected By: Client



1211 W. Florida Ave Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-36), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2019-058), North Carolina (681), Arkansas (20-035-0)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (T104704295-20-25), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-17) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-22) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-7) Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757) Xenco-Tampa: Florida (E87429), North Carolina (483)



08.14.2020

Project Manager: **Cindy Crain Crain Environmental** 2925 E 17th St. Odessa, TX 79761

Reference: Eurofins Xenco, LLC Report No(s): 668542 MGU #1 Project Address: Maljamar, NM

Cindy Crain:

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 Eurofins Xenco, LLC Report Number(s) 668542. 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 Eurofins Xenco, LLC. 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. 668542 will be filed for 45 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 Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

fession kenner

Jessica Kramer Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

eurofins Environment Testing Xenco

Sample Cross Reference 668542

Crain Environmental, Odessa, TX

MGU #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SS-1 (9')	S	07.28.2020 14:20	9 ft	668542-001
SS-2 (8')	S	07.28.2020 14:40	8 ft	668542-002
SS-3 (11')	S	07.28.2020 14:50	11 ft	668542-003
SS-4 (16')	S	07.28.2020 15:10	16 ft	668542-004

Environment Testing Xenco

CASE NARRATIVE

Client Name: Crain Environmental Project Name: MGU #1

Project ID: Work Order Number(s): 668542 Report Date: 08.14.2020 Date Received: 07.29.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments: Batch: LBA-3133452 BTEX by EPA 8021B Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected. Samples affected are: 668542-002. eurofins Environment Testing Xenco

Certificate of Analytical Results 668542

Crain Environmental, Odessa, TX

MGU #1

Sample Id: SS-1 (9') Lab Sample Id: 668542-001		Matrix: Date Collec	Soil ted: 07.28.2020 14:20		Date Received:07 Sample Depth: 9		:01
Analytical Method: Chloride by EPA	A 300				Prep Method: E3	300P	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	07.30.2020 14:00		Basis: W	et Weight	
Seq Number: 3133195		Ĩ					
Parameter	Cas Number	Result]	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	2120	24.8	mg/kg	07.31.2020 11:53	3	5
Analytical Method: TPH By SW801 Tech: DVM Analyst: ARM Seq Number: 3133041	5 Mod	Date Prep:	07.29.2020 14:45		Prep Method: SV % Moisture: Basis: W	W8015P Vet Weight	
Tech: DVM Analyst: ARM	5 Mod Cas Number	-	07.29.2020 14:45 RL	Units	% Moisture:		Dil
Tech: DVM Analyst: ARM Seq Number: 3133041		-		Units mg/kg	% Moisture: Basis: W	vet Weight Flag	Dil 1
Tech: DVM Analyst: ARM Seq Number: 3133041 Parameter	Cas Number	Result]	RL		 Moisture: Basis: W Analysis Date 	Vet Weight Flag 3 U	
Tech: DVM Analyst: ARM Seq Number: 3133041 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result]	RL 49.9	mg/kg	% Moisture: Basis: W Analysis Date 07.29.2020 20:28	Vet Weight Flag 3 U 3	

 	1110000	2000	.,,,,			0112012020 20120		
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	115	%	70-130	07.29.2020 20:28		
o-Terphenyl		84-15-1	122	%	70-130	07.29.2020 20:28		

Certificate of Analytical Results 668542

Crain Environmental, Odessa, TX

MGU #1

Sample Id:	SS-1 (9')	Matrix:	Soil	Date Received	1:07.29.2020 14:01	
Lab Sample I	Lab Sample Id: 668542-001		d: 07.28.2020 14:20	Sample Depth: 9 ft		
Analytical M	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A	
Tech:	AMF			% Moisture:		
Analyst:	AMF	Date Prep:	08.03.2020 14:00	Basis:	Wet Weight	
Seq Number:	3133452					
		. .				

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00198	0.00198		mg/kg	08.04.2020 07:11	U	1
Toluene	108-88-3	< 0.00198	0.00198		mg/kg	08.04.2020 07:11	U	1
Ethylbenzene	100-41-4	< 0.00198	0.00198		mg/kg	08.04.2020 07:11	U	1
m,p-Xylenes	179601-23-1	< 0.00396	0.00396		mg/kg	08.04.2020 07:11	U	1
o-Xylene	95-47-6	< 0.00198	0.00198		mg/kg	08.04.2020 07:11	U	1
Total Xylenes	1330-20-7	< 0.00198	0.00198		mg/kg	08.04.2020 07:11	U	1
Total BTEX		< 0.00198	0.00198		mg/kg	08.04.2020 07:11	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	108	%	70-130	08.04.2020 07:11		
4-Bromofluorobenzene		460-00-4	113	%	70-130	08.04.2020 07:11		

Certificate of Analytical Results 668542

Crain Environmental, Odessa, TX

MGU #1

Sample Id: SS-2 (8') Lab Sample Id: 668542-002	Matrix: Date Collec	Soil ted: 07.28.2020 14:40		Date Received:07.29.2020 14:01 Sample Depth: 8 ft			
Analytical Method: Chloride by El	PA 300				Prep Method: E	E300P	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	07.30.2020 14:00		Basis: V	Vet Weight	
Seq Number: 3133195							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	3360	25.1	mg/kg	07.31.2020 12:1	2	5
Analytical Method: TPH By SW80 Tech: DVM	15 Mod				Prep Method: S % Moisture:	W8015P	
Analyst: ARM		Date Prep:	07.30.2020 16:00		Basis: V	Vet Weight	
Analyst: ARM Seq Number: 3133198		Date Prep:	07.30.2020 16:00		Basis: V	Vet Weight	
j ->	Cas Number	1	07.30.2020 16:00	Units	Basis: V Analysis Date	-	Dil
Seq Number: 3133198	Cas Number PHC610	1		Units mg/kg		Flag	Dil
Seq Number: 3133198 Parameter		Result	RL		Analysis Date	e Flag 9 U	
Seq Number: 3133198 Parameter Gasoline Range Hydrocarbons (GRO)	PHC610	Result 3	RL 50.0	mg/kg	Analysis Date 07.30.2020 19:2	e Flag 9 U 9 U	

	FIIC035	<50.	0 50.0		mg/kg	07.30.2020 19.29	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	115	%	70-130	07.30.2020 19:29		
o-Terphenyl		84-15-1	117	%	70-130	07.30.2020 19:29		

Crain Environmental, Odessa, TX

MGU #1

Sample Id: Lab Sample I	SS-2 (8') d: 668542-002		Matrix: Date Collecte	Soil d: 07.28.2020 14:40	Date Received:07.29.2020 14:01 Sample Depth: 8 ft				
Analytical Me	ethod: BTEX by EPA 80	21B				Prep Method:	SW503	5A	
Tech:	AMF				ç	% Moisture:			
Analyst:	AMF		Date Prep:	08.03.2020 14:00	I	Basis:	Wet We	eight	
Seq Number:	3133452								
Parameter		Cas Number	Result DI		Unita	Analysis De	to I	Tlog	ъя

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	08.04.2020 07:31	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	08.04.2020 07:31	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	08.04.2020 07:31	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	08.04.2020 07:31	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	08.04.2020 07:31	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	08.04.2020 07:31	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	08.04.2020 07:31	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	136	%	70-130	08.04.2020 07:31	**	
1,4-Difluorobenzene		540-36-3	110	%	70-130	08.04.2020 07:31		

Certificate of Analytical Results 668542

Crain Environmental, Odessa, TX

MGU #1

Sample Id: SS-3 (11')		Matrix:	Soil		Date Received:07.29.2020 14:01			
Lab Sample Id: 668542-003		Date Coll	ected: 07.28.2020 14:5	0	Sample Depth: 11 ft			
Analytical Method: Chloride by EF	PA 300				Prep Method: E300)P		
Tech: CHE					% Moisture:			
Analyst: CHE		Date Prep	: 07.30.2020 14:0	0	Basis: Wet	Weight		
Seq Number: 3133195								
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Di	
Chloride	16887-00-6	2480	25.1	mg/kg	07.31.2020 12:18		5	
Analytical Method: TPH By SW80	015 Mod				Prep Method: SW8	8015P		
Tech: DVM)15 Mod				% Moisture:			
Tech: DVM Analyst: ARM)15 Mod	Date Prep	: 07.30.2020 16:0	0	% Moisture:	8015P Weight		
Tech: DVM)15 Mod	Date Prep	: 07.30.2020 16:0	0	% Moisture:			
Tech: DVM Analyst: ARM)15 Mod Cas Number	Date Prep Result	: 07.30.2020 16:0 RL) Units	% Moisture:		Dil	
Tech: DVM Analyst: ARM Seq Number: 3133198					% Moisture: Basis: Wet	Weight		
Tech: DVM Analyst: ARM Seq Number: 3133198 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result	RL	Units	% Moisture: Basis: Wet Analysis Date	Weight Flag		
Tech: DVM Analyst: ARM Seq Number: 3133198 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610	Result <49.9	RL 49.9	Units mg/kg	% Moisture: Basis: Wet Analysis Date 07.30.2020 19:48	Weight Flag U	1	
Tech: DVM Analyst: ARM Seq Number: 3133198 Parameter	Cas Number PHC610 C10C28DRO	Result <49.9 <49.9	RL 49.9 49.9	Units mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 07.30.2020 19:48 07.30.2020 19:48	Weight Flag U U	1	
Tech: DVM Analyst: ARM Seq Number: 3133198 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835 PHC635	Result <49.9 <49.9 <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 07.30.2020 19:48 07.30.2020 19:48 07.30.2020 19:48 07.30.2020 19:48 07.30.2020 19:48 07.30.2020 19:48 07.30.2020 19:48	Weight Flag U U U	1 1 1	

121

%

70-130

07.30.2020 19:48

84-15-1

o-Terphenyl

Crain Environmental, Odessa, TX

MGU #1

Sample Id:	SS-3 (11')		Matrix:	Soil		Date Received:07.29.2020 14:				
Lab Sample Id	1: 668542-003		Date Collecte	d: 07.28.2020 14:50		Sample Depth	:11 ft			
Analytical Me	ethod: BTEX by EPA 802	21B				Prep Method:	SW5035A			
Tech:	AMF					% Moisture:				
Analyst:	AMF		Date Prep:	08.03.2020 14:00		Basis:	Wet Weig	ht		
Seq Number:	3133452									
Parameter		Cas Number	Result BI		Unite	Analysis D	nto Flav	, Dil		

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	08.04.2020 07:52	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	08.04.2020 07:52	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	08.04.2020 07:52	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	08.04.2020 07:52	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	08.04.2020 07:52	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	08.04.2020 07:52	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	08.04.2020 07:52	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	108	%	70-130	08.04.2020 07:52		
4-Bromofluorobenzene		460-00-4	115	%	70-130	08.04.2020 07:52		

Certificate of Analytical Results 668542

Crain Environmental, Odessa, TX

MGU #1

Sample Id: SS-4 (16') Lab Sample Id: 668542-004		Matrix: Date Collec	Soil cted: 07.28.2020 15:10		Date Received:07.2 Sample Depth: 16 ft		:01
Analytical Method: Chloride by EF	PA 300				Prep Method: E300	0P	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	07.30.2020 15:45		Basis: Wet	Weight	
Seq Number: 3133122							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	5380	50.3	mg/kg	07.30.2020 16:37		10
Analytical Method: TPH By SW80	015 Mod				Prep Method: SW8	3015P	
Analytical Method: TPH By SW80 Tech: DVM Analyst: ARM Seq Number: 3133198	15 Mod	Date Prep:	07.30.2020 16:00		% Moisture:	8015P Weight	
Tech: DVM Analyst: ARM	015 Mod Cas Number	·	07.30.2020 16:00 RL	Units	% Moisture:		Dil
Tech: DVM Analyst: ARM Seq Number: 3133198 Parameter		·		Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: DVM Analyst: ARM Seq Number: 3133198 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result	RL		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DVM Analyst: ARM Seq Number: 3133198 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610	Result <49.8	RL 49.8	mg/kg	% Moisture: Basis: Wet Analysis Date 07.30.2020 20:07	Weight Flag U	1
Tech: DVM Analyst: ARM Seq Number: 3133198	Cas Number PHC610 C10C28DRO	Result <49.8 <49.8	RL 49.8 49.8	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 07.30.2020 20:07 07.30.2020 20:07	Weight Flag U	1 1

111

115

111-85-3

84-15-1

1-Chlorooctane

o-Terphenyl

.

70-130

70-130

%

%

07.30.2020 20:07

07.30.2020 20:07

Crain Environmental, Odessa, TX

MGU #1

Sample Id:	SS-4 (16')		Matrix:	Soil		Date Received:07.29.2020 14:01				
Lab Sample I	d: 668542-004		Date Collecte	d: 07.28.2020 15:10	Sample Depth: 16 ft					
Analytical M	ethod: BTEX by EPA 802	21B				Prep Method:	SW50	35A		
Tech:	AMF					% Moisture:				
Analyst:	AMF		Date Prep:	08.03.2020 14:00		Basis:	Wet W	eight		
Seq Number:	3133452									
Parameter		Cas Number	Result RI		Unite	Analysis D	ato	Flag	ы	

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	08.04.2020 08:12	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	08.04.2020 08:12	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	08.04.2020 08:12	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	08.04.2020 08:12	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	08.04.2020 08:12	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	08.04.2020 08:12	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	08.04.2020 08:12	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	118	%	70-130	08.04.2020 08:12		
1,4-Difluorobenzene		540-36-3	108	%	70-130	08.04.2020 08:12		

Xenco

Environment Testing

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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.	ND Not Detected			
RL Reporting Limit				
MDL Method Detection Limit	SDL Sample De	tection Limit	LOD Limit of Detection	
PQL Practical Quantitation Limit	MQL Method Qu	antitation Limit	LOQ Limit of Quantitatio	n
DL Method Detection Limit				
NC Non-Calculable				
SMP Client Sample		BLK	Method Blank	
BKS/LCS Blank Spike/Laboratory	Control Sample	BKSD/LCSD	Blank Spike Duplicate/Labo	ratory Control Sample Duplicate
MD/SD Method Duplicate/Sam	ple Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NELAC certification not offered	l for this compound.			

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 668542

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Crain Environmental MGU #1

Analytical Method: Seq Number: MB Sample Id:	Chloride by EPA 300 3133195 7708400-1-BLK)		Matrix: nple Id:	Solid 7708400-1	I-BKS			ep Meth Date Pr D Sample	ep: 07.3	0P 60.2020 8400-1-BSD	
Parameter	MB	Spike	LCS	LCS	LCSD	LCSD	Limits	%RPD	RPD	Units	Analysis	Flag
Chloride	Result <5.00	Amount 250	Result 269	%Rec 108	Result 270	%Rec 108	90-110	0	Limit 20	mg/kg	Date 07.31.2020 09:48	
Seq Number:	Chloride by EPA 300 3133122)		Matrix:					ep Meth Date Pr	ep: 07.3	0.2020	
MB Sample Id:	7708419-1-BLK	<i>a</i> n		-	7708419-1				-		8419-1-BSD	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	268	107	268	107	90-110	0	20	mg/kg	07.30.2020 16:00	
Analytical Method: Seq Number: Parent Sample Id:	Chloride by EPA 300 3133195 668541-007)		Matrix: nple Id:	Soil 668541-00)7 S			rep Meth Date Pr D Sample	ep: 07.3	0P 30.2020 541-007 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD	MSD	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	14.2	250 Allount	284	108	Result 283	%Rec 108	90-110	0	20	mg/kg	07.31.2020 11:34	
Analytical Method: Seq Number: Parent Sample Id:	Chloride by EPA 300 3133195 668612-001)		Matrix: nple Id:	Soil 668612-00	01 S			ep Meth Date Pr D Sample	ep: 07.3	0P 30.2020 612-001 SD	
Seq Number:	3133195 668612-001 Parent	Spike	MS Sar MS	nple Id: MS	668612-00 MSD	MSD	Limits		Date Pr D Sample RPD	ep: 07.3	0.2020 612-001 SD Analysis	Flag
Seq Number: Parent Sample Id:	3133195 668612-001 Parent		MS Sar	nple Id:	668612-00		Limits 90-110	MS	Date Pr D Sample	ep: 07.3 e Id: 668	60.2020 612-001 SD	Flag
Seq Number: Parent Sample Id: Parameter	3133195 668612-001 Parent Result 392 Chloride by EPA 300 3133122 668553-001 Parent	Spike Amount 250	MS Sar MS Result 642	mple Id: MS %Rec 100 Matrix:	668612-00 MSD Result 641	MSD %Rec 100		MSI %RPD 0 Pr	Date Pr D Sample RPD Limit 20 rep Meth- Date Pr	ep: 07.3 e Id: 668 Units mg/kg od: E30 ep: 07.3	0.2020 612-001 SD Analysis Date 07.31.2020 10:06	Flag Flag
Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride	3133195 668612-001 Parent Result 392 Chloride by EPA 300 3133122 668553-001 Parent Result	Spike Amount 250) Spike Amount 248	MS Sar MS Result 642 MS Sar MS Result 550	nple Id: MS %Rec 100 Matrix: nple Id: MS %Rec 110 Matrix:	6688612-00 MSD Result 641 Soil 668553-00 MSD Result 539	MSD %Rec 100	90-110 Limits	MSI %RPD 0 Pr MSI %RPD 2 Pr	Date Pr D Sample RPD Limit 20 rep Meth Date Pr D Sample Limit 20 rep Meth Date Pr	ep: 07.3 e Id: 668 Units mg/kg od: E30 ep: 07.3 e Id: 668. Units mg/kg od: E30 ep: 07.3	80.2020 612-001 SD Analysis Date 07.31.2020 10:06 0P 80.2020 553-001 SD Analysis Date 07.30.2020 16:18	-
Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number:	3133195 668612-001 Parent Result 392 Chloride by EPA 300 3133122 668553-001 Parent Result 278 Chloride by EPA 300 3133122 668591-006 Parent	Spike Amount 250 Spike Amount 248	MS Sar MS Result 642 MS Sar MS Result 550 MS Sar MS Sar	nple Id: MS %Rec 100 Matrix: nple Id: MS %Rec 110 Matrix: nple Id: MS	6688612-00 MSD Result 641 Soil 668553-00 MSD Result 539 Soil 668591-00 MSD	MSD %Rec 100 01 S MSD %Rec 105	90-110 Limits	MSI %RPD 0 Pr MSI %RPD 2 Pr	Date Pr D Sample RPD Limit 20 rep Meth Date Pr D Sample RPD Limit 20 rep Meth Date Pr D Sample RPD Sample	ep: 07.3 e Id: 668 Units mg/kg od: E30 ep: 07.3 e Id: 668. Units mg/kg od: E30 ep: 07.3	0.2020 612-001 SD Analysis Date 07.31.2020 10:06 0P 00.2020 553-001 SD Analysis Date 07.30.2020 16:18 0P 00.2020 591-006 SD Analysis	-
Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id: Chloride Analytical Method: Seq Number: Parent Sample Id:	3133195 668612-001 Parent Result 392 Chloride by EPA 300 3133122 668553-001 Parent Result 278 Chloride by EPA 300 3133122 668591-006 Parent	Spike Amount 250) Spike Amount 248	MS Sar MS Result 642 MS Sar MS Result 550	nple Id: MS %Rec 100 Matrix: nple Id: MS %Rec 110 Matrix: nple Id:	6688612-00 MSD Result 641 Soil 668553-00 MSD Result 539 Soil 668591-00	MSD %Rec 100 01 S MSD %Rec 105	90-110 Limits 90-110	MSI %RPD 0 Pr MSI %RPD 2 Pr MSI	Date Pr D Sample RPD Limit 20 rep Meth Date Pr D Sample RPD Limit 20 rep Meth Date Pr Date Pr Date Pr Date Pr	ep: 07.3 e Id: 668 Units mg/kg od: E30 ep: 07.3 e Id: 668 Units mg/kg od: E30 ep: 07.3 e Id: 668	0.2020 612-001 SD Analysis Date 07.31.2020 10:06 0P 00.2020 553-001 SD Analysis Date 07.30.2020 16:18	Flag

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

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QC Summary 668542

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Crain Environmental

MGU #1

TPH By S	W8015 M	od						Pi	rep Metho	od: SW	8015P	
3133041]	Matrix:	Solid			Date Prep: 07.29.2020				
7708350-1	-BLK		LCS San	nple Id:	7708350-	1-BKS		LCS	D Sample	e Id: 770	8350-1-BSD	
	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
ons (GRO)	< 50.0	1000	876	88	875	88	70-130	0	20	mg/kg	07.29.2020 11:54	
(DRO)	< 50.0	1000	919	92	849	85	70-130	8	20	mg/kg	07.29.2020 11:54	
	MB %Rec	MB Flag			LCS Flag				imits	Units	Analysis Date	
	96		1	06		108		70	-130	%	07.29.2020 11:54	
	94		1	03		104		70	-130	%	07.29.2020 11:54	
	3133041 7708350-1 ons (GRO)	3133041 7708350-1-BLK MB Result ons (GRO) <50.0 (DRO) <50.0 MB %Rec 96	MB Spike Result Amount ons (GRO) <50.0	3133041 1 7708350-1-BLK LCS San MB Spike LCS Result Amount Result ons (GRO) <50.0	3133041 Matrix: 7708350-1-BLK LCS Sample Id: MB Spike LCS Result Amount Result 0008 (GRO) <50.0	3133041 Matrix: Solid 7708350-1-BLK LCS Sample Id: 7708350- MB Spike LCS LCS Result Amount Result %Rec 0ns (GRO) <50.0	3133041 Matrix: Solid 7708350-1-BLK LCS Sample Id: 7708350-1-BKS MB Spike LCS LCS LCSD Result Amount Result %Rec Result ons (GRO) <50.0	3133041 Matrix: Solid 7708350-1-BLK LCS Sample Id: 7708350-1-BKS MB Spike LCS LCS LCS LCSD LCSD Linits MB Spike LCS LCS State %Rec Result %Rec ons (GRO) <50.0	3133041 Matrix: Solid 7708350-1-BLK LCS Sample Id: 7708350-1-BKS LCS MB Spike LCS LCS LCSD LCSD <thlcsd< th=""> <thlcsd< th=""> LCSD <thlc< td=""><td>3133041 Matrix: Solid Date Propriation 7708350-1-BLK LCS Sample Id: 7708350-1-BKS LCSD Sample MB Spike LCS LCS LCSD LCSD LCSD Sample MB Spike LCS LCS LCSD LCSD LCSD Lmits %RPD RPD MB Spike LCS LCS Result %Rec Result %Rec RPD Limit ons (GRO) <50.0</td> 1000 876 88 875 88 70-130 0 20 (DRO) <50.0</thlc<></thlcsd<></thlcsd<>	3133041 Matrix: Solid Date Propriation 7708350-1-BLK LCS Sample Id: 7708350-1-BKS LCSD Sample MB Spike LCS LCS LCSD LCSD LCSD Sample MB Spike LCS LCS LCSD LCSD LCSD Lmits %RPD RPD MB Spike LCS LCS Result %Rec Result %Rec RPD Limit ons (GRO) <50.0	3133041 Matrix: Solid Date Prep: 07.2 7708350-1-BLK LCS Sample Id: 7708350-1-BKS LCSD Sample Id: 770 MB Spike LCS LCS LCSD LCSD Limits %RPD RPD Units MB Spike LCS LCS Result %Rec Result %Rec Limit Units ons (GRO) <50.0	3133041 Matrix: Solid Date Prep: 07.29.2020 7708350-1-BLK LCS Sample Id: 7708350-1-BKS LCSD Sample Id: 7708350-1-BSD MB Spike Result LCS LCS LCSD LCSD Reput K Matrix: Matrix: Solid LCSD Sample Id: 7708350-1-BSD MB Spike Result LCS LCS LCSD LCSD Kepp RPD Units Analysis 0ns (GR0) <50.0

Analytical Method:	TPH By S	W8015 M	od						Pi	rep Meth	od: SW	8015P	
Seq Number:	3133198				Matrix:	Solid				Date Pr	ep: 07.3	30.2020	
MB Sample Id:	7708446-1	-BLK		LCS Sar	nple Id:	7708446-	1-BKS		LCS	D Sample	e Id: 770	8446-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb	ons (GRO)	<50.0	1000	881	88	933	93	70-130	6	20	mg/kg	07.30.2020 15:58	
Diesel Range Organics	(DRO)	<50.0	1000	869	87	917	92	70-130	5	20	mg/kg	07.30.2020 15:58	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1-Chlorooctane		125		1	23		130		70	-130	%	07.30.2020 15:58	
o-Terphenyl		116		1	20		130		70	-130	%	07.30.2020 15:58	

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8	8015P	
Seq Number:	3133041	Matrix:	Solid	Date Prep:	07.2	9.2020	
		MB Sample Id:	7708350-1-BLK				
Parameter		MB Result		U	Inits	Analysis Date	Flag
Motor Oil Range Hydrocart	oons (MRO)	<50.0		m	ng/kg	07.29.2020 11:33	

Analytical Method: Seq Number:	TPH By SW8015 Mod 3133198	Matrix: MB Sample Id:	Solid 7708446-1-BLK	Prep Method: Date Prep:			
Parameter		MB Result		U	Inits	Analysis Date	Flag
Motor Oil Range Hydrocar	bons (MRO)	<50.0		m	ıg/kg	07.30.2020 15:39	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

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Crain Environmental

MGU #1

Analytical Method: Seq Number: Parent Sample Id:	lod	Matrix: Soil MS Sample Id: 668308-001 S					Prep Method: SW8015P Date Prep: 07.29.2020 MSD Sample Id: 668308-001 SD						
Parameter	668308-00	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb	ons (GRO)	<49.9	998	912	91	843	85	70-130	8	20	mg/kg	07.29.2020 12:57	
Diesel Range Organics	(DRO)	<49.9	998	899	90	825	83	70-130	9	20	mg/kg	07.29.2020 12:57	
Surrogate					1S Rec	MS Flag	MSI %Re			imits	Units	Analysis Date	
1-Chlorooctane				ç	99		97		70	-130	%	07.29.2020 12:57	
o-Terphenyl				ç	92		89		70	-130	%	07.29.2020 12:57	

Analytical Method:	TPH By S	W8015 M	od						Pi	rep Metho	od: SW	8015P	
Seq Number:	3133198]	Matrix:	Soil				Date Pr	ep: 07.3	30.2020	
Parent Sample Id:	668541-00	1		MS San	nple Id:	668541-00	01 S		MS	D Sample	e Id: 668	541-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbo	ons (GRO)	<49.8	996	984	99	1050	105	70-130	6	20	mg/kg	07.30.2020 16:56	
Diesel Range Organics ((DRO)	126	996	1070	95	1160	104	70-130	8	20	mg/kg	07.30.2020 16:56	
Surrogate					IS Rec	MS Flag	MSD %Ree			imits	Units	Analysis Date	
1-Chlorooctane				1	29		108		70	-130	%	07.30.2020 16:56	
o-Terphenyl				1	14		120		70	-130	%	07.30.2020 16:56	

Analytical Method: Seq Number: MB Sample Id:	BTEX by EPA 8021 3133452 7708650-1-BLK	B		Matrix: nple Id:	Solid 7708650-	1-BKS			rep Metho Date Pro D Sample	ep: 08.0	5035A)3.2020 8650-1-BSD	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.100	0.106	106	0.103	103	70-130	3	35	mg/kg	08.03.2020 23:41	
Toluene	< 0.00200	0.100	0.103	103	0.0994	99	70-130	4	35	mg/kg	08.03.2020 23:41	
Ethylbenzene	< 0.00200	0.100	0.103	103	0.0992	99	70-130	4	35	mg/kg	08.03.2020 23:41	
m,p-Xylenes	< 0.00400	0.200	0.209	105	0.200	100	70-130	4	35	mg/kg	08.03.2020 23:41	
o-Xylene	< 0.00200	0.100	0.103	103	0.0990	99	70-130	4	35	mg/kg	08.03.2020 23:41	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene	102		ç	98		97		70	-130	%	08.03.2020 23:41	
4-Bromofluorobenzene	111		1	08		106		70	-130	%	08.03.2020 23:41	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

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Crain Environmental

MGU #1

Analytical Method:	BTEX by EPA 8021					P	rep Meth	od: SW	5035A			
Seq Number:	3133452		Ν	Matrix:	Soil				Date Pr	ep: 08.0	3.2020	
Parent Sample Id:	668591-001		MS San	ple Id:	668591-00	01 S		MS	D Sample	e Id: 668	591-001 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.0998	0.0957	96	0.0879	89	70-130	8	35	mg/kg	08.03.2020 09:51	
Toluene	< 0.00200	0.0998	0.0914	92	0.0810	82	70-130	12	35	mg/kg	08.03.2020 09:51	
Ethylbenzene	< 0.00200	0.0998	0.0890	89	0.0758	76	70-130	16	35	mg/kg	08.03.2020 09:51	
m,p-Xylenes	< 0.00399	0.200	0.188	94	0.161	81	70-130	15	35	mg/kg	08.03.2020 09:51	
o-Xylene	< 0.00200	0.0998	0.0902	90	0.0780	79	70-130	15	35	mg/kg	08.03.2020 09:51	
Surrogate			M %I		MS Flag	MSD %Red			imits	Units	Analysis Date	
1,4-Difluorobenzene			10)1		102		70	-130	%	08.03.2020 09:51	
4-Bromofluorobenzene			11	1		116		70	-130	%	08.03.2020 09:51	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference $LCS = Laboratory \ Control \ Sample \\ A = Parent \ Result \\ C = MS/LCS \ Result \\ E = MSD/LCSD \ Result$

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

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1109/20 2 1461 6	of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expanses incurred by the client if such losses are due to circumstances by ond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Refinquished by: Signature Signature Deceived by: Signature Deceived by: Signature Refination	Co Cu Fe Mn Mo Ni		(110) 5 7/28/20 1510	(9) \leq $\frac{1}{28/20}$ 1420	ple Identification Matrix Date Time Depth Depth Number 77	Sample Custody Seals: Yes No GHA Total Containers:	Correction Factor: 20,14 Conta	$\frac{C_{12}}{C_{12}} O_{-} \frac{C_{1}}{C_{1}} V_{-} \frac{C_{12}}{C_{1}} \frac{C_{12}}$	T Temp Blank: Yes No/ West too: For the T	Po #: Ouote #: Due Date:	Maljamar, NM Rush:	Project Number:	1(272)44)-72344 Email: Cindy. Crain	Wessa, TX 79761 city, state zip. Houston, TX 77079	2925 E. 17th St. Address:	Crain Cavicon montal company Name: BYP (Decation		LABDRATDRIES Midland,TX (432) 704-5440 EL Paso,TX (915) 585-3443 Lubbock,TX (806) 794-1296 Crastbad, NM (432) 704-5440 Phoenix,AZ (480) 355-0900 Atlanta GA (770) 449-8800 Tempa EL (843) 620 2000 West Patrice Function of the function of th		
	sceived by: (Signati	Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr TI Sn U V Zn Se Ag TI U 1631/245.1/7470 / 7471 : Hg				Sample Comments	TAT starts the day received by the lab, received by 4:00pm	Zn Acetate+ NaOH: Zn	HCL: HL NaOH: Na	H2S04: H2	HNO3: HN	MeOH: Me		Deliverables: EDD ADaPT Other:	Reporting:Level II CLevel III PST/UST	State of Project: N M	-Lom Work Order Comments	-6701 <u>ww</u>	2	Work Order No: 108542	

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Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Crain Environmental	Acceptable Temperature F	Range: 0 - 6 degC
Date/ Time Received: 07.29.2020 02.01.00 PM	Air and Metal samples Acc	
Work Order #: 668542	Temperature Measuring de	evice used : IR-8
Sample Rece	ipt Checklist	Comments
#1 *Temperature of cooler(s)?	.4	
#2 *Shipping container in good condition?	Yes	
#3 *Samples received on ice?	Yes	
#4 *Custody Seals intact on shipping container/ cooler?	N/A	
#5 Custody Seals intact on sample bottles?	N/A	
#6*Custody Seals Signed and dated?	N/A	
#7 *Chain of Custody present?	Yes	
#8 Any missing/extra samples?	No	
#9 Chain of Custody signed when relinquished/ received?	Yes	
#10 Chain of Custody agrees with sample labels/matrix?	Yes	
#11 Container label(s) legible and intact?	Yes	
#12 Samples in proper container/ bottle?	Yes	BTEX was in bulk container
#13 Samples properly preserved?	Yes	
#14 Sample container(s) intact?	Yes	
#15 Sufficient sample amount for indicated test(s)?	Yes	
#16 All samples received within hold time?	Yes	
#17 Subcontract of sample(s)?	N/A	
#18 Water VOC samples have zero headspace?	N/A	

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by: Ballot Tal Brianna Teel

Date: 07.29.2020

Checklist reviewed by: Jession Vermer

Jessica Kramer

Date: 07.29.2020



Project Id:

Certificate of Analysis Summary 671827

Crain Environmental, Odessa, TX

Project Name: MGU #1

Contact: Cindy Crain									Repor	rt Date: 09.	11.2020 1	1:01	
Project Location: Malijamar, NM								Р	roject M	anager: Jess	sica Kram	ner	
	Lab Id:	671827-0	001	671827-0	02	671827-0	003	671827-	004	671827-0	005	671827-0)06
Anglusia Dogu ostad	Field Id:	SW-1		SW-2		SW-3		SW-4		SW-5		SW-6	
Analysis Requested	Depth:	8- ft		5.5- ft		5.5- ft		3- ft		3- ft		4.5- ft	
	Matrix:	SOIL		SOIL		SOIL	,	SOIL		SOIL		SOIL	
	Sampled:	09.02.2020	11:45	09.02.2020	11:55	09.02.2020	12:07	09.02.2020	12:14	09.02.2020	12:20	09.02.2020	12:30
BTEX by EPA 8021B	Extracted:	09.04.2020	09:00	09.04.2020	09:00	09.04.2020	09:00	09.04.2020	09:00	09.04.2020	09:00	09.04.2020	09:00
	Analyzed:	09.04.2020	11:53	09.04.2020	12:13	09.04.2020	12:33	09.04.2020	12:54	09.04.2020	13:14	09.04.2020	13:35
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200
Toluene		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200
Ethylbenzene		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200
m,p-Xylenes		< 0.00399	0.00399	< 0.00402	0.00402	< 0.00398	0.00398	< 0.00396	0.00396	< 0.00398	0.00398	< 0.00400	0.00400
o-Xylene		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200
Total Xylenes		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200
Total BTEX		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200
Chloride by EPA 300	Extracted:	09.04.2020	14:30	09.04.2020	14:30	09.04.2020	14:30	09.04.2020	14:30	09.04.2020	14:30	09.08.2020	12:05
	Analyzed:	09.04.2020	19:26	09.04.2020	19:32	09.04.2020	19:37	09.04.2020	19:42	09.04.2020	19:58	09.08.2020	17:39
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		148	5.03	<4.96	4.96	<4.99	4.99	160	5.00	1050	24.9	3760	25.1
TPH By SW8015 Mod	Extracted:	09.04.2020	11:00	09.04.2020	11:00	09.04.2020	11:00	09.04.2020	11:00	09.04.2020	11:00	09.04.2020	11:00
	Analyzed:	09.04.2020	17:52	09.04.2020	18:14	09.04.2020	18:36	09.04.2020	18:58	09.04.2020	19:19	09.04.2020	19:41
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<250	250
Diesel Range Organics (DRO)		<49.8	49.8	2790	50.0	62.3	50.0	<49.9	49.9	1120	49.8	9900	250
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	395	50.0	<50.0	50.0	<49.9	49.9	144	49.8	1220	250
Total TPH		<49.8	49.8	3190	50.0	62.3	50.0	<49.9	49.9	1260	49.8	11100	250

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Jession Vramer

Date Received in Lab: Thu 09.03.2020 16:05

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Project Id:

Project Location:

Contact:



Cindy Crain

Malijamar, NM

Certificate of Analysis Summary 671827

Crain Environmental, Odessa, TX

Project Name: MGU #1

 Date Received in Lab:
 Thu 09.03.2020 16:05

 Report Date:
 09.11.2020 11:01

 Project Manager:
 Jessica Kramer

Lab Id: 671827-007 671827-008 671827-009 Field Id: SW-7 SW-8 SW-9 Analysis Requested Depth: 4.5- ft 4.5- ft 4- ft Matrix: SOIL SOIL SOIL Sampled: 09.02.2020 12:45 09.02.2020 12:38 09.02.2020 12:55 BTEX by EPA 8021B 09.04.2020 09:00 09.04.2020 09:00 09.04.2020 09:00 Extracted: Analyzed: 09.04.2020 13:55 09.04.2020 14:16 09.04.2020 14:36 RL mg/kg RL mg/kg RL Units/RL: mg/kg < 0.00198 < 0.00200 0.00200 < 0.00202 0.00202 0.00198 Benzene 0.00202 < 0.00198 0.00198 < 0.00200 0.00200 Toluene 0.00731 0.0384 0.00202 < 0.00198 0.00198 < 0.00200 0.00200 Ethylbenzene 0.0433 0.00403 < 0.00397 0.00397 < 0.00399 0.00399 m,p-Xylenes < 0.00200 0.00200 o-Xylene 0.0337 0.00202 < 0.00198 0.00198 0.0770 0.00202 0.00198 < 0.00200 0.00200 < 0.00198 Total Xylenes Total BTEX 0.123 0.00202 < 0.00198 0.00198 < 0.00200 0.00200 Chloride by EPA 300 Extracted: 09.08.2020 12:05 09.08.2020 12:05 09.08.2020 12:05 09.08.2020 17:45 09.08.2020 17:50 09.08.2020 17:55 Analyzed: RL RL RL Units/RL: mg/kg mg/kg mg/kg Chloride 605 5.00 233 5.03 142 5.04 TPH By SW8015 Mod Extracted: 09.04.2020 11:00 09.04.2020 11:00 09.04.2020 11:00 Analyzed: 09.04.2020 20:03 09.04.2020 20:25 09.04.2020 20:47 mg/kg RL mg/kg RL mg/kg RL Units/RL: Gasoline Range Hydrocarbons (GRO) 260 250 < 50.050.0 <50.0 50.0 15400 50.0 Diesel Range Organics (DRO) 250 71.9 50.0 < 50.0 Motor Oil Range Hydrocarbons (MRO) 250 < 50.0 50.0 < 50.0 50.0 1740 17400 Total TPH 250 71.9 50.0 < 50.0 50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

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eurofins Environment Testing Xenco

Analytical Report 671827

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for

Crain Environmental

Project Manager: Cindy Crain

MGU #1

09.11.2020

Collected By: Client



1211 W. Florida Ave Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2019-058), North Carolina (681), Arkansas (20-035-0)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483)

09.11.2020 Project Manager: **Cindy Crain Crain Environmental** 2925 E 17th St. Odessa, TX 79761

Reference: Eurofins Xenco, LLC Report No(s): 671827 MGU #1 Project Address: Malijamar, NM

Cindy Crain:

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 Eurofins Xenco, LLC Report Number(s) 671827. 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 Eurofins Xenco, LLC. 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. 671827 will be filed for 45 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 Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

fession kenner

Jessica Kramer Project Manager

A Small Business and Minority Company

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Sample Cross Reference 671827

Crain Environmental, Odessa, TX

MGU #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SW-1	S	09.02.2020 11:45	8 ft	671827-001
SW-2	S	09.02.2020 11:55	5.5 ft	671827-002
SW-3	S	09.02.2020 12:07	5.5 ft	671827-003
SW-4	S	09.02.2020 12:14	3 ft	671827-004
SW-5	S	09.02.2020 12:20	3 ft	671827-005
SW-6	S	09.02.2020 12:30	4.5 ft	671827-006
SW-7	S	09.02.2020 12:38	4.5 ft	671827-007
SW-8	S	09.02.2020 12:45	4.5 ft	671827-008
SW-9	S	09.02.2020 12:55	4 ft	671827-009

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CASE NARRATIVE

Client Name: Crain Environmental Project Name: MGU #1

Project ID: Work Order Number(s): 671827 Report Date: 09.11.2020 Date Received: 09.03.2020

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3136547 TPH By SW8015 Mod

Surrogate 1-Chlorooctane recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 671698-001 S,671698-001 SD,671827-006.

Surrogate o-Terphenyl recovered above QC limits Data confirmed by re-analysis. Samples affected are: 7710899-1-BLK,671698-001 S,671698-001 SD.

Certificate of Analytical Results 671827

Crain Environmental, Odessa, TX

MGU #1

Sample Id: SW-1 Lab Sample Id: 671827-001		Matrix: Date Colle	Soil cted: 09.02.2020 11:45		Date Received:09 Sample Depth: 8		:05
Analytical Method:Chloride by EFTech:SPCAnalyst:SPCSeq Number:3136527	A 300	Date Prep:	09.04.2020 14:30		Prep Method: E % Moisture: Basis: W	300P Vet Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	148	5.03	mg/kg	09.04.2020 19:26	5	1
Analytical Method: TPH By SW80	15 Mod				Prep Method: S'	W8015P	
Tech: DVM					% Moisture:		
Analyst: ARM		Date Prep:	09.04.2020 11:00		Basis: W	et Weight	
Seq Number: 3136547							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.04.2020 17:52	2 U	1

Motor Oil Range Hydrocarbons (MRO) Total TPH	PHCG2835 PHC635	<49. <49.			mg/kg mg/kg	09.04.2020 17:52 09.04.2020 17:52	U U	1 1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane o-Terphenyl		111-85-3 84-15-1	120 126	% %	70-130 70-130	09.04.2020 17:52 09.04.2020 17:52		

Crain Environmental, Odessa, TX

MGU #1

Sample Id: Lab Sample I	SW-1 d: 671827-001		Matrix: Date Collecter	Soil d: 09.02.2020 11:45		Date Received:09.03.2020 Sample Depth: 8 ft			05
Analytical Mo Tech:	ethod: BTEX by EPA 802 KTL	21B				Prep Method: % Moisture:	SW50.	35A	
Analyst:	KTL		Date Prep:	09.04.2020 09:00		Basis:	Wet W	eight	
Seq Number:	3136451	Cas Number	Result DI		Unito	Analysis D		Flag	Dil

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	09.04.2020 11:53	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	09.04.2020 11:53	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	09.04.2020 11:53	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	09.04.2020 11:53	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	09.04.2020 11:53	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	09.04.2020 11:53	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	09.04.2020 11:53	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	101	%	70-130	09.04.2020 11:53		
4-Bromofluorobenzene		460-00-4	107	%	70-130	09.04.2020 11:53		

Certificate of Analytical Results 671827

Crain Environmental, Odessa, TX

MGU #1

Sample Id: SW-2 Lab Sample Id: 671827-002		Matrix:	Soil llected: 09.02.2020 11:55		Date Received:09.03 Sample Depth: 5.5 ft		:05
-		Date Col	nected: 09.02.2020 11:53		Sample Depui. 5.5 ft	L	
Analytical Method: Chloride by E	PA 300				Prep Method: E300)P	
Tech: SPC					% Moisture:		
Analyst: SPC		Date Pre	p: 09.04.2020 14:30)	Basis: Wet	Weight	
Seq Number: 3136527							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.96	4.96	mg/kg	09.04.2020 19:32	U	1
					Prep Method: SW8	015P	
Tech: DVM	015 Mod				Prep Method: SW8 % Moisture:	015P	
Tech: DVM Analyst: ARM	013 Mod	Date Pre	p: 09.04.2020 11:00)	% Moisture:	015P Weight	
	015 MOU	Date Pre	p: 09.04.2020 11:00)	% Moisture:		
Analyst: ARM Seq Number: 3136547	Cas Number	Date Pre Result	p: 09.04.2020 11:00 RL	Units	% Moisture:		Dil
Analyst: ARM Seq Number: 3136547 Parameter			P		% Moisture: Basis: Wet	Weight	Dil
Analyst: ARM Seq Number: 3136547 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result	RL	Units	% Moisture: Basis: Wet Analysis Date	Weight Flag	
Analyst: ARM Seq Number: 3136547 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610	Result	RL 50.0	Units mg/kg	% Moisture: Basis: Wet Analysis Date 09.04.2020 18:14	Weight Flag	1
Analyst: ARM	Cas Number PHC610 C10C28DRO	Result <50.0 2790	RL 50.0 50.0	Units mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 09.04.2020 18:14 09.04.2020 18:14	Weight Flag	1
Analyst: ARM Seq Number: 3136547 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835 PHC635	Result <50.0 2790 395 3190	RL 50.0 50.0 50.0	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 09.04.2020 18:14 09.04.2020 18:14 09.04.2020 18:14	Weight Flag	1 1 1

130

%

70-130

09.04.2020 18:14

84-15-1

o-Terphenyl

Crain Environmental, Odessa, TX

MGU #1

Sample Id: Lab Sample I	SW-2 d: 671827-002		Matrix: Date Collecte	Soil d: 09.02.2020 11:55	Date Receive Sample Dept	ed:09.03.2020 16 h: 5.5 ft	5:05
Analytical Mo Tech:	ethod: BTEX by EPA 80 KTL	21B			Prep Method % Moisture:	: SW5035A	
Analyst:	KTL		Date Prep:	09.04.2020 09:00	Basis:	Wet Weight	
Seq Number:	5150451	Cas Number	Result DI		Unite Analysis	Data Flag	Dil

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	09.04.2020 12:13	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	09.04.2020 12:13	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	09.04.2020 12:13	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	09.04.2020 12:13	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	09.04.2020 12:13	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	09.04.2020 12:13	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	09.04.2020 12:13	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	105	%	70-130	09.04.2020 12:13		
1,4-Difluorobenzene		540-36-3	99	%	70-130	09.04.2020 12:13		

Certificate of Analytical Results 671827

Crain Environmental, Odessa, TX

MGU #1

Sample Id: SW-3 Lab Sample Id: 671827-003		Matrix: Date Collec	Soil eted: 09.02.2020 12:07		Date Received:09.0 Sample Depth: 5.5		5:05
Analytical Method: Chloride by EP	A 300				Prep Method: E30	0P	
Tech: SPC					% Moisture:		
Analyst: SPC		Date Prep:	09.04.2020 14:30		Basis: We	Weight	
Seq Number: 3136527		ľ					
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.99	4.99	mg/kg	09.04.2020 19:37	U	1
Analytical Method: TPH By SW80 Tech: DVM Analyst: ARM Seq Number: 3136547	15 Mod	Date Prep:	09.04.2020 11:00		Prep Method: SW % Moisture: Basis: We	8015P : Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.04.2020 18:36	U	1
Diesel Range Organics (DRO)	C10C28DRO	62.3	50.0	mg/kg	09.04.2020 18:36		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.04.2020 18:36	U	1
Total TPH	PHC635	62.3	50.0	mg/kg	09.04.2020 18:36		1

				0 0		
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	124	%	70-130	09.04.2020 18:36	
o-Terphenyl	84-15-1	130	%	70-130	09.04.2020 18:36	

Crain Environmental, Odessa, TX

MGU #1

Sample Id: Lab Sample I	SW-3 d: 671827-003		Matrix: Date Collected	Soil d: 09.02.2020 12:07		Date Received Sample Depth			05
Analytical M Tech:	ethod: BTEX by EPA 80 KTL	21B				Prep Method: % Moisture:	SW50)35A	
Analyst:	KTL		Date Prep:	09.04.2020 09:00		Basis:	Wet V	Weight	
Seq Number:	3136451	Cas Number	Result DI		Unita	Analysis D	a.t.a	Flog	Dil

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	09.04.2020 12:33	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	09.04.2020 12:33	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	09.04.2020 12:33	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	09.04.2020 12:33	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	09.04.2020 12:33	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	09.04.2020 12:33	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	09.04.2020 12:33	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	102	%	70-130	09.04.2020 12:33		
4-Bromofluorobenzene		460-00-4	109	%	70-130	09.04.2020 12:33		

Certificate of Analytical Results 671827

Crain Environmental, Odessa, TX

MGU #1

Sample Id: SW-4 Lab Sample Id: 671827-004		Matrix: Date Collec	Soil cted: 09.02.2020 12:14		Date Received:09 Sample Depth: 3		:05
Analytical Method: Chloride by El	PA 300				Prep Method: E	300P	
Tech: SPC					% Moisture:		
Analyst: SPC		Date Prep:	09.04.2020 14:30		Basis: W	Vet Weight	
Seq Number: 3136527							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	160	5.00	mg/kg	09.04.2020 19:42	2	1
Analytical Method: TPH By SW80 Tech: DVM Analyst: ARM)15 Mod	Date Prep:	09.04.2020 11:00		Prep Method: S % Moisture: Basis: W	W8015P Vet Weight	
Seq Number: 3136547							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
					09.04.2020 18:58	0 11	1
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.04.2020 18:58	8 U	1
Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	PHC610 C10C28DRO	<49.9 <49.9	49.9 49.9	mg/kg mg/kg	09.04.2020 18:58		1
e i						8 U	1 1 1

otal TPH	PHC635	<49.	.9 49.9		mg/kg	09.04.2020 18:58	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	71	%	70-130	09.04.2020 18:58		
o-Terphenyl		84-15-1	70	%	70-130	09.04.2020 18:58		

Crain Environmental, Odessa, TX

MGU #1

Sample Id: SW-4 Lab Sample Id: 671827-004	Mat Dat	rix: Soil e Collected: 09.02.2020 12:14		d:09.03.2020 16:05 h: 3 ft
Analytical Method: BTEX by EP Tech: KTL	PA 8021B		Prep Method: % Moisture:	SW5035A
Analyst: KTL Seq Number: 3136451	Dat	e Prep: 09.04.2020 09:0	0 Basis:	Wet Weight
Deserte		DI		

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00198	0.00198		mg/kg	09.04.2020 12:54	U	1
Toluene	108-88-3	< 0.00198	0.00198		mg/kg	09.04.2020 12:54	U	1
Ethylbenzene	100-41-4	< 0.00198	0.00198		mg/kg	09.04.2020 12:54	U	1
m,p-Xylenes	179601-23-1	< 0.00396	0.00396		mg/kg	09.04.2020 12:54	U	1
o-Xylene	95-47-6	< 0.00198	0.00198		mg/kg	09.04.2020 12:54	U	1
Total Xylenes	1330-20-7	< 0.00198	0.00198		mg/kg	09.04.2020 12:54	U	1
Total BTEX		< 0.00198	0.00198		mg/kg	09.04.2020 12:54	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	101	%	70-130	09.04.2020 12:54		
4-Bromofluorobenzene		460-00-4	110	%	70-130	09.04.2020 12:54		

Certificate of Analytical Results 671827

Crain Environmental, Odessa, TX

MGU #1

Sample Id:SW-5Lab Sample Id:671827-005		Matrix: Date Collec	Soil eted: 09.02.2020 12:20		Date Received:09.02 Sample Depth: 3 ft	3.2020 16:	05
Analytical Method: Chloride by EP Tech: SPC	PA 300				Prep Method: E300 % Moisture:	9P	
Analyst: SPC		Date Prep:	09.04.2020 14:30		Basis: Wet	Weight	
Seq Number: 3136527		_F .				U	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1050	24.9	mg/kg	09.04.2020 19:58		5
Analytical Method: TPH By SW80	15 Mod				Pren Method: SW8	8015P	
Analytical Method: TPH By SW80 Tech: DVM Analyst: ARM Seq Number: 3136547	15 Mod	Date Prep:	09.04.2020 11:00		Prep Method: SW8 % Moisture: Basis: Wet	8015P Weight	
Tech: DVM Analyst: ARM Seq Number: 3136547	15 Mod Cas Number	ľ	09.04.2020 11:00 RL	Units	% Moisture:		Dil
Tech: DVM Analyst: ARM Seq Number: 3136547 Parameter		ľ		Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: DVM Analyst: ARM Seq Number: 3136547 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result]	RL		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DVM Analyst: ARM Seq Number: 3136547 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610	Result 2	RL 49.8	mg/kg	% Moisture: Basis: Wet Analysis Date 09.04.2020 19:19	Weight Flag	1
Tech: DVM Analyst: ARM	Cas Number PHC610 C10C28DRO	Result 249.8 1120	RL 49.8 49.8	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 09.04.2020 19:19 09.04.2020 19:19 09.04.2020 19:19	Weight Flag	1

71

75

%

%

70-130

70-130

09.04.2020 19:19

09.04.2020 19:19

111-85-3

84-15-1

1-Chlorooctane

o-Terphenyl

Crain Environmental, Odessa, TX

MGU #1

Sample Id: Lab Sample I	SW-5 d: 671827-005		Matrix: Date Collected	Soil d: 09.02.2020 12:20	Date Receiv Sample Dep	ed:09.03.2020 16 th: 3 ft	5:05
2	ethod: BTEX by EPA 80	21B			1	l: SW5035A	
Tech:	KTL				% Moisture:		
Analyst:	KTL		Date Prep:	09.04.2020 09:00	Basis:	Wet Weight	
Seq Number:	3136451						
Parameter		Cas Number	Result DI		Unita Analysia	Data Flag	Dil

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	09.04.2020 13:14	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	09.04.2020 13:14	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	09.04.2020 13:14	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	09.04.2020 13:14	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	09.04.2020 13:14	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	09.04.2020 13:14	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	09.04.2020 13:14	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	98	%	70-130	09.04.2020 13:14		
4-Bromofluorobenzene		460-00-4	108	%	70-130	09.04.2020 13:14		

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Crain Environmental, Odessa, TX

MGU #1

Sample Id: SW-6 Lab Sample Id: 671827-006		Matrix: Date Collec	Soil cted: 09.02.2020 12:30		Date Received:09. Sample Depth: 4.5		:05
Analytical Method: Chloride by EF	PA 300				Prep Method: E30)0P	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	09.08.2020 12:05		Basis: We	t Weight	
Seq Number: 3136618							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	3760	25.1	mg/kg	09.08.2020 17:39		5
Analytical Method: TPH By SW80	15 Mod				Prep Method: SW	78015P	
Tech: DVM					% Moisture:		
Analyst: ARM		Date Prep:	09.04.2020 11:00		Basis: We	t Weight	
Seq Number: 3136547							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<250	250	mg/kg	09.04.2020 19:41	U	5
Diesel Range Organics (DRO)	C10C28DRO	9900	250	mg/kg	09.04.2020 19:41		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	1220	250	mg/kg	09.04.2020 19:41		5
Total TPH	PHC635	11100	250	mg/kg	09.04.2020 19:41		5

al TPH	PHC635	11100	250		mg/kg	09.04.2020 19:41		5
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	148	%	70-130	09.04.2020 19:41	**	
o-Terphenyl		84-15-1	129	%	70-130	09.04.2020 19:41		

Crain Environmental, Odessa, TX

MGU #1

Sample Id: Lab Sample I	SW-6 d: 671827-006		Matrix: Date Collecte	Soil d: 09.02.2020 12:30		eived:09.03.2020 10 Depth: 4.5 ft	6:05
Analytical M	ethod: BTEX by EPA 80	21B			Prep Met	hod: SW5035A	
Tech:	KTL				% Moist	ire:	
Analyst:	KTL		Date Prep:	09.04.2020 09:00	Basis:	Wet Weight	
Seq Number:	3136451						
Parameter		Cas Number	Result RI		Unite Analy	sis Data Flan	Dil

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	09.04.2020 13:35	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	09.04.2020 13:35	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	09.04.2020 13:35	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	09.04.2020 13:35	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	09.04.2020 13:35	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	09.04.2020 13:35	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	09.04.2020 13:35	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	102	%	70-130	09.04.2020 13:35		
4-Bromofluorobenzene		460-00-4	106	%	70-130	09.04.2020 13:35		

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Crain Environmental, Odessa, TX

MGU #1

Sample Id: SW-7 Lab Sample Id: 671827-007		Matrix: Date Co	Soil ollected: 09.02	.2020 12:38		Date Received:09.02 Sample Depth: 4.5 f		05
Analytical Method: Chloride by E	PA 300					Prep Method: E300)P	
Tech: CHE						% Moisture:		
Analyst: CHE		Date Pro	ep: 09.08	.2020 12:05		Basis: Wet	Weight	
Seq Number: 3136618							0	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	605	5.00		mg/kg	09.08.2020 17:45		1
Analytical Method: TPH By SW8	015 Mod					Prep Method: SW8	8015P	
Analytical Method: TPH By SW80 Tech: DVM Analyst: ARM Seq Number: 3136547	015 Mod	Date Pro	ep: 09.04	.2020 11:00		Prep Method: SW8 % Moisture: Basis: Wet	8015P Weight	
Tech: DVM Analyst: ARM	015 Mod Cas Number	Date Pro Result	ep: 09.04 RL	.2020 11:00	Units	% Moisture:		Dil
Tech: DVM Analyst: ARM Seq Number: 3136547 Parameter				.2020 11:00		% Moisture: Basis: Wet	Weight	Dil 5
Tech:DVMAnalyst:ARMSeq Number:3136547	Cas Number	Result	RL	.2020 11:00	Units	% Moisture: Basis: Wet Analysis Date	Weight	
Tech: DVM Analyst: ARM Seq Number: 3136547 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result 260	RL 250	.2020 11:00	Units mg/kg	% Moisture: Basis: Wet Analysis Date 09.04.2020 20:03	Weight	5
Tech: DVM Analyst: ARM Seq Number: 3136547 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result 260 15400	RL 250 250	.2020 11:00	Units mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 09.04.2020 20:03 09.04.2020 20:03	Weight	5 5
Tech: DVM Analyst: ARM Seq Number: 3136547 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835 PHC635	Result 260 15400 1740 17400	RL 250 250 250	.2020 11:00 Units	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 09.04.2020 20:03 09.04.2020 20:03 09.04.2020 20:03 09.04.2020 20:03	Weight	5 5 5
Tech: DVM Analyst: ARM Seq Number: 3136547 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC635	Result 260 15400 1740 17400	RL 250 250 250 250 250		Units mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 09.04.2020 20:03 09.04.2020 20:03 09.04.2020 20:03 09.04.2020 20:03 09.04.2020 20:03	Weight Flag	5 5 5

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Crain Environmental, Odessa, TX

MGU #1

Sample Id: SW-7 Lab Sample Id: 67182	7-007	Matrix: Date Collected	Soil 1: 09.02.2020 12:38		Date Received Sample Depth	:09.03.2020 16: 4.5 ft	:05
Analytical Method: B Tech: KTL	TEX by EPA 8021B				Prep Method: % Moisture:	SW5035A	
Analyst: KTL Seq Number: 313645	1	Date Prep:	09.04.2020 09:00		Basis:	Wet Weight	
Parameter	Cas Number	Result RL		Units	Analysis Da	te Flag	Dil

		er Kesun	KL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00202	2 0.00202		mg/kg	09.04.2020 13:55	U	1
Toluene	108-88-3	0.00731	0.00202		mg/kg	09.04.2020 13:55		1
Ethylbenzene	100-41-4	0.0384	0.00202		mg/kg	09.04.2020 13:55		1
m,p-Xylenes	179601-23-1	0.0433	0.00403		mg/kg	09.04.2020 13:55		1
o-Xylene	95-47-6	0.0337	0.00202		mg/kg	09.04.2020 13:55		1
Total Xylenes	1330-20-7	0.0770	0.00202		mg/kg	09.04.2020 13:55		1
Total BTEX		0.123	0.00202		mg/kg	09.04.2020 13:55		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	111	%	70-130	09.04.2020 13:55		
1,4-Difluorobenzene		540-36-3	95	%	70-130	09.04.2020 13:55		

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Crain Environmental, Odessa, TX

MGU #1

Sample Id: SW-8 Lab Sample Id: 671827-008		Matrix: Date Colle	Soil cted: 09.02.2020 12:45		Date Received:09.0 Sample Depth: 4.5		:05
Analytical Method:Chloride by EFTech:CHEAnalyst:CHESeq Number:3136618	PA 300	Date Prep:	09.08.2020 12:05		Prep Method: E30 % Moisture: Basis: Wet	0P t Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	233	5.03	mg/kg	09.08.2020 17:50		1
Analytical Method: TPH By SW80	15 Mod				Prep Method: SW	8015P	
Tech: DVM					% Moisture:		
Analyst: ARM		Date Prep:	09.04.2020 11:00		Basis: Wet	t Weight	
Seq Number: 3136547							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.04.2020 20:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	71.9	50.0	mg/kg	09.04.2020 20:25		1

Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.	0 50.0		mg/kg	09.04.2020 20:25	U	1
Total TPH	PHC635	71.9	50.0		mg/kg	09.04.2020 20:25		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	79	%	70-130	09.04.2020 20:25		
o-Terphenyl		84-15-1	85	%	70-130	09.04.2020 20:25		

Crain Environmental, Odessa, TX

MGU #1

Sample Id: Lab Sample I	SW-8 d: 671827-008		Matrix: Date Collecte	Soil d: 09.02.2020 12:45		te Received:(nple Depth: 4	09.03.2020 1 4.5 ft	6:05
Analytical Me	ethod: BTEX by EPA 80	21B			Pre	p Method: S	SW5035A	
Tech:	KTL				% 1	Moisture:		
Analyst:	KTL		Date Prep:	09.04.2020 09:00	Bas	sis:	Wet Weight	
Seq Number:	3136451							
Parameter		Cas Number	Result DI		Unita	Analysis Dat	o Flog	Dil

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00198	8 0.00198		mg/kg	09.04.2020 14:16	U	1
Toluene	108-88-3	< 0.00198	0.00198		mg/kg	09.04.2020 14:16	U	1
Ethylbenzene	100-41-4	< 0.00198	0.00198		mg/kg	09.04.2020 14:16	U	1
m,p-Xylenes	179601-23-1	< 0.00397	0.00397		mg/kg	09.04.2020 14:16	U	1
o-Xylene	95-47-6	< 0.00198	0.00198		mg/kg	09.04.2020 14:16	U	1
Total Xylenes	1330-20-7	< 0.00198	0.00198		mg/kg	09.04.2020 14:16	U	1
Total BTEX		< 0.00198	3 0.00198		mg/kg	09.04.2020 14:16	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	103	%	70-130	09.04.2020 14:16		
4-Bromofluorobenzene		460-00-4	111	%	70-130	09.04.2020 14:16		

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Crain Environmental, Odessa, TX

MGU #1

Sample Id: SW-9 Lab Sample Id: 671827-009		Matrix: Date Collec	Soil cted: 09.02.2020 12:55		Date Received:09.03.2020 16:05 Sample Depth: 4 ft		
Analytical Method: Chloride by EP	PA 300				Prep Method: E30	0P	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	09.08.2020 12:05		Basis: Wet	Weight	
Seq Number: 3136618							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	142	5.04	mg/kg	09.08.2020 17:55		1
Analytical Method: TPH By SW80 Tech: DVM Analyst: ARM	15 Mod	Date Prep:	09.04.2020 11:00		Prep Method: SW3 % Moisture: Basis: Wet	8015P Weight	
Tech: DVM	15 Mod	Date Prep:	09.04.2020 11:00		% Moisture:		
Tech: DVM Analyst: ARM	15 Mod Cas Number	1	09.04.2020 11:00 RL	Units	% Moisture:		Dil
Tech: DVM Analyst: ARM Seq Number: 3136547 Parameter		1		Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: DVM Analyst: ARM Seq Number: 3136547 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result	RL		% Moisture: Basis: Wet Analysis Date	Weight Flag	Dil 1 1
Tech: DVM Analyst: ARM Seq Number: 3136547	Cas Number PHC610	Result <50.0	RL 50.0	mg/kg	% Moisture: Basis: Wet Analysis Date 09.04.2020 20:47	Weight Flag U	Dil 1 1 1

				0 0		
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	74	%	70-130	09.04.2020 20:47	
o-Terphenyl	84-15-1	76	%	70-130	09.04.2020 20:47	

Crain Environmental, Odessa, TX

MGU #1

Sample Id: Lab Sample Id	SW-9 d: 671827-009		Matrix: Date Collected	Soil 1: 09.02.2020 12:55	Date Receive Sample Deptl	d:09.03.2020 16 h: 4 ft	:05
Analytical Me	ethod: BTEX by EPA 802	21B			Prep Method:	SW5035A	
Tech:	KTL				% Moisture:		
Analyst:	KTL		Date Prep:	09.04.2020 09:00	Basis:	Wet Weight	
Seq Number:	3136451						
Parameter		Cas Number	Result DI	,	Inita Analysia D	ata Elag	Dil

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	09.04.2020 14:36	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	09.04.2020 14:36	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	09.04.2020 14:36	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	09.04.2020 14:36	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	09.04.2020 14:36	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	09.04.2020 14:36	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	09.04.2020 14:36	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	99	%	70-130	09.04.2020 14:36		
4-Bromofluorobenzene		460-00-4	107	%	70-130	09.04.2020 14:36		

Xenco

Environment Testing

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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.	ND Not Detected			
RL Reporting Limit				
MDL Method Detection Limit	SDL Sample De	tection Limit	LOD Limit of Detection	
PQL Practical Quantitation Limit	MQL Method Qu	antitation Limit	LOQ Limit of Quantitatio	n
DL Method Detection Limit				
NC Non-Calculable				
SMP Client Sample		BLK	Method Blank	
BKS/LCS Blank Spike/Laboratory	Control Sample	BKSD/LCSD	Blank Spike Duplicate/Labo	ratory Control Sample Duplicate
MD/SD Method Duplicate/Sam	ple Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NELAC certification not offered	l for this compound.			

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 671827

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Crain Environmental

MGU #1

Analytical Method: Seq Number: MB Sample Id:	Chloride by 3136527 7710871-1-E		DO		Matrix: nple Id:	Solid 7710871-	I-BKS			ep Metho Date Pro D Sample	ep: 09.0	0P 14.2020 0871-1-BSD	
Parameter	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	MB	Spike	LCS	LCS	LCSD	LCSD	Limits	%RPD	RPD	Units	Analysis	Flag
Chloride		Result <5.00	Amount 250	Result 265	%Rec 106	Result 264	%Rec 106	90-110	0	Limit 20	mg/kg	Date 09.04.2020 18:11	B
Chloride		<5.00	250	205	100	204	100	<i>J</i> 0-110	0	20	mg/kg		
Analytical Method: Seq Number: MB Sample Id:	Chloride by 3136618 7710928-1-E		00		Matrix: nple Id:	Solid 7710928-	I-BKS			ep Metho Date Pro D Sample	ep: 09.0	0P 18.2020 0928-1-BSD	
Parameter		MB	Spike	LCS	LCS	LCSD	LCSD	Limits	%RPD	RPD	Units	Analysis	Flag
Chloride		Result <5.00	Amount 250	Result 265	%Rec 106	Result 264	%Rec 106	90-110	0	Limit 20	mg/kg	Date 09.08.2020 16:24	-
cilionae		\$3.00	250	200	100	201	100	<i>yo</i> 110	0	20	ing ng		
Analytical Method: Seq Number: Parent Sample Id:	Chloride by 3136527 671777-001	EPA 3(00		Matrix: nple Id:	Soil 671777-00)1 S			ep Metho Date Pro D Sample	ep: 09.0	0P 4.2020 777-001 SD	
Parameter		Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	Flag
Chloride		Result 653	Amount 1260	Result 1980	%Rec 105	Result 2020	%Rec 108	90-110	2	Limit 20	mg/kg	Date 09.04.2020 18:30	
Analytical Method: Seq Number: Parent Sample Id:	3136527	EPA 3(DO		Matrix: nple Id:)4 S			ep Metho Date Pro D Sample	ep: 09.0	4.2020	
Seq Number: Parent Sample Id:	3136527 671827-004	Parent	Spike	MS Sar MS	nple Id: MS	671827-00 MSD)4 S MSD	Limits		Date Pro D Sample RPD	ep: 09.0	4.2020 827-004 SD Analysis	Flag
Seq Number: Parent Sample Id: Parameter	3136527 671827-004	Parent Result	Spike Amount	MS Sar MS Result	nple Id: MS %Rec	671827-00 MSD Result	MSD %Rec		MS] %RPD	Date Pro D Sample RPD Limit	ep: 09.0 e Id: 6718 Units	4.2020 827-004 SD	Flag
Seq Number: Parent Sample Id:	3136527 671827-004	Parent	Spike	MS Sar MS	nple Id: MS	671827-00 MSD	MSD	Limits 90-110	MSI	Date Pro D Sample RPD	ep: 09.0 e Id: 6718	4.2020 827-004 SD Analysis Date	Flag
Seq Number: Parent Sample Id: Parameter	3136527 671827-004	Parent Result 160	Spike Amount 250	MS Sar MS Result 426	mple Id: MS %Rec 106 Matrix:	671827-00 MSD Result 425	MSD %Rec 106		MSI %RPD 0 Pr	Date Pro D Sample RPD Limit 20 rep Metho Date Pro	ep: 09.0 Ed: 6718 Units mg/kg od: E30 ep: 09.0	4.2020 827-004 SD Analysis Date 09.04.2020 19:48	Flag
Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id:	3136527 671827-004 Chloride by 3136618 671827-009	Parent Result 160 EPA 3(Parent	Spike Amount 250 00 Spike	MS Sar MS Result 426 MS Sar MS	nple Id: MS %Rec 106 Matrix: nple Id: MS	671827-00 MSD Result 425 Soil 671827-00 MSD	MSD %Rec 106		MSI %RPD 0 Pr	Date Pro D Sample RPD Limit 20 rep Metho Date Pro D Sample RPD	ep: 09.0 Ed: 6718 Units mg/kg od: E30 ep: 09.0	4.2020 827-004 SD Analysis Date 09.04.2020 19:48 0P 82.2020 827-009 SD Analysis	Flag Flag
Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number:	3136527 671827-004 Chloride by 3136618 671827-009	Parent Result 160 EPA 3(Spike Amount 250	MS Sar MS Result 426 MS Sar	nple Id: MS %Rec 106 Matrix: nple Id:	671827-00 MSD Result 425 Soil 671827-00	MSD %Rec 106	90-110	MSI %RPD 0 Pr MSI	Date Pro D Sample RPD Limit 20 rep Metho Date Pro D Sample	ep: 09.0 1d: 6718 Units mg/kg od: E30 ep: 09.0 1d: 6718	4.2020 827-004 SD Analysis Date 09.04.2020 19:48 0P 8.2020 827-009 SD	
Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id: Parameter	3136527 671827-004 Chloride by 3136618 671827-009	Parent Result 160 EPA 30 Parent Result	Spike Amount 250 00 Spike Amount	MS Sar MS Result 426 MS Sar MS Result	nple Id: MS %Rec 106 Matrix: nple Id: MS %Rec	671827-00 MSD Result 425 Soil 671827-00 MSD Result	MSD %Rec 106)9 S MSD %Rec	90-110 Limits	MSI %RPD 0 Pr MSI %RPD	Date Pro Date Pro Date Pro 20 Pep Metho Date Pro Date Pro Date Pro Date Pro Date Pro Date Pro Date Pro	ep: 09.0 e Id: 6718 Units mg/kg od: E30 ep: 09.0 e Id: 6718 Units	4.2020 827-004 SD Analysis Date 09.04.2020 19:48 0P 8.2020 827-009 SD Analysis Date	
Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number:	3136527 671827-004 Chloride by 3136618 671827-009 Chloride by 3136618	Parent Result 160 EPA 3(Parent Result 142	Spike Amount 250 00 Spike Amount 252	MS Sar MS Result 426 MS Sar MS Result 397	nple Id: MS %Rec 106 Matrix: nple Id: MS %Rec 101 Matrix:	671827-00 MSD Result 425 Soil 671827-00 MSD Result 400 Soil	MSD %Rec 106 09 S MSD %Rec 102	90-110 Limits	MSJ %RPD 0 Pr MSJ %RPD 1 Pr	Date Pro D Sample RPD Limit 20 ep Metho D Sample RPD Limit 20 ep Metho Date Pro	ep: 09.0 e Id: 6713 Units mg/kg od: E30 ep: 09.0 e Id: 6713 Units mg/kg od: E30 ep: 09.0	4.2020 827-004 SD Analysis Date 09.04.2020 19:48 09.08.2020 827-009 SD Analysis Date 09.08.2020 18:01 0P 8.2020	
Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id: Chloride Analytical Method: Seq Number: Parent Sample Id:	3136527 671827-004 Chloride by 3136618 671827-009 Chloride by 3136618 671909-019	Parent Result 160 EPA 3(Parent Result 142 EPA 3(Parent	Spike Amount 250 00 Spike Amount 252 00 Spike	MS Sar MS Result 426 MS Sar MS Result 397 MS Sar MS Sar	nple Id: MS %Rec 106 Matrix: nple Id: MS %Rec 101 Matrix: nple Id: MS	671827-00 MSD Result 425 Soil 671827-00 MSD Result 400	MSD %Rec 106 09 S MSD %Rec 102	90-110 Limits	MSJ %RPD 0 Pr MSJ %RPD 1 Pr	Date Pro Date Pro Sample RPD Limit 20 ep Metho Sample RPD Limit 20 ep Metho Date Pro Date Pro Date Pro Date Pro	ep: 09.0 e Id: 6713 Units mg/kg od: E30 ep: 09.0 e Id: 6713 Units mg/kg od: E30 ep: 09.0	4.2020 827-004 SD Analysis Date 09.04.2020 19:48 0P 8.2020 827-009 SD Analysis Date 09.08.2020 18:01 0P 8.2020 90.08.2020 18:01	Flag
Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number:	3136527 671827-004 Chloride by 3136618 671827-009 Chloride by 3136618 671909-019	Parent Result 160 EPA 3(Parent Result 142 EPA 3(Spike Amount 250 00 Spike Amount 252	MS Sar MS Result 426 MS Sar MS Result 397	nple Id: MS %Rec 106 Matrix: nple Id: MS %Rec 101 Matrix: nple Id:	671827-00 MSD Result 425 Soil 671827-00 MSD Result 400 Soil 671909-0	MSD %Rec 106 09 S MSD %Rec 102	90-110 Limits 90-110 Limits	MSI %RPD 0 Pr MSI %RPD 1 Pr MSI	Date Pro Date Pro Sample RPD Limit 20 ep Metho Date Pro Date Pro 20 ep Metho Date Pro 20	ep: 09.0 e Id: 6718 Units mg/kg od: E30 ep: 09.0 e Id: 6718 Units mg/kg od: E30 ep: 09.0 e Id: 6719	4.2020 827-004 SD Analysis Date 09.04.2020 19:48 0P 18.2020 827-009 SD Analysis Date 09.08.2020 18:01 0P 18.2020 90.08.2020 18:01	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

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Final 1.000
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QC Summary 671827

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Crain Environmental

MGU #1

Analytical Method: Seq Number: MB Sample Id:	TPH By S 3136547 7710899-1		od] LCS San	Matrix: 1ple Id:		1-BKS			rep Methe Date Pr D Sample	ep: 09.0	8015P)4.2020 0899-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocart	oons (GRO)	<50.0	1000	1090	109	1070	107	70-130	2	20	mg/kg	09.04.2020 12:16	
Diesel Range Organics	(DRO)	< 50.0	1000	1170	117	1180	118	70-130	1	20	mg/kg	09.04.2020 12:16	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1-Chlorooctane		130		12	29		129		70	-130	%	09.04.2020 12:16	
o-Terphenyl		142	**	12	27		124		70	-130	%	09.04.2020 12:16	

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8	3015P	
Seq Number:	3136547	Matrix:	Solid	Date Prep:	09.0	4.2020	
		MB Sample Id:	7710899-1-BLK				
Parameter		MB Result		τ	Jnits	Analysis Date	Flag
Motor Oil Range Hydrocart	pons (MRO)	<50.0		m	ng/kg	09.04.2020 11:55	

Analytical Method:	TPH By S	W8015 M	lod						P	rep Meth	od: SW	8015P	
Seq Number:	3136547				Matrix:	Soil				Date Pr	ep: 09.0	04.2020	
Parent Sample Id:	671698-00	l		MS Sar	nple Id:	671698-00	01 S		MS	D Sample	e Id: 671	698-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbo	ons (GRO)	<49.9	997	1130	113	1160	116	70-130	3	20	mg/kg	09.04.2020 13:22	
Diesel Range Organics (DRO)	<49.9	997	1220	122	1210	121	70-130	1	20	mg/kg	09.04.2020 13:22	
Surrogate					1S Rec	MS Flag	MSD %Ree			imits	Units	Analysis Date	
1-Chlorooctane				1	42	**	143	**	70	-130	%	09.04.2020 13:22	
o-Terphenyl				1	55	**	153	**	70	-130	%	09.04.2020 13:22	

Analytical Method: Seq Number: MB Sample Id:	BTEX by EPA 802 3136451 7710817-1-BLK	lB		Matrix: nple Id:	Solid 7710817-1	I-BKS			rep Meth Date Pr D Sample	ep: 09.0	5035A)4.2020 0817-1-BSD	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.100	0.102	102	0.101	101	70-130	1	35	mg/kg	09.04.2020 09:31	
Toluene	< 0.00200	0.100	0.104	104	0.0955	96	70-130	9	35	mg/kg	09.04.2020 09:31	
Ethylbenzene	< 0.00200	0.100	0.0999	100	0.0978	98	70-130	2	35	mg/kg	09.04.2020 09:31	
m,p-Xylenes	< 0.00400	0.200	0.200	100	0.196	98	70-130	2	35	mg/kg	09.04.2020 09:31	
o-Xylene	< 0.00200	0.100	0.0964	96	0.0954	95	70-130	1	35	mg/kg	09.04.2020 09:31	
Surrogate	MB %Rec	MB Flag			LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene	96		ç	97		97		70	-130	%	09.04.2020 09:31	
4-Bromofluorobenzene	107		1	04		103		70	-130	%	09.04.2020 09:31	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

o-Terphenyl

LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

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QC Summary 671827

eurofins Environment Testing Xenco

Crain Environmental

MGU #1

Analytical Method:	BTEX by EPA 8021	B						P	rep Metho	od: SW	5035A	
Seq Number:	3136451		1	Matrix:	Soil				Date Pro	ep: 09.0	04.2020	
Parent Sample Id:	671827-001		MS San	ple Id:	671827-00	01 S		MS	D Sample	e Id: 671	827-001 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00198	0.0992	0.0989	100	0.103	103	70-130	4	35	mg/kg	09.04.2020 10:12	
Toluene	< 0.00198	0.0992	0.103	104	0.107	107	70-130	4	35	mg/kg	09.04.2020 10:12	
Ethylbenzene	< 0.00198	0.0992	0.0954	96	0.0995	100	70-130	4	35	mg/kg	09.04.2020 10:12	
m,p-Xylenes	< 0.00397	0.198	0.191	96	0.198	99	70-130	4	35	mg/kg	09.04.2020 10:12	
o-Xylene	< 0.00198	0.0992	0.0919	93	0.0956	96	70-130	4	35	mg/kg	09.04.2020 10:12	
Surrogate			M %I	IS Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene			9	6		97		70	-130	%	09.04.2020 10:12	
4-Bromofluorobenzene			10)5		103		70	-130	%	09.04.2020 10:12	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference $LCS = Laboratory \ Control \ Sample \\ A = Parent \ Result \\ C = MS/LCS \ Result \\ E = MSD/LCSD \ Result$

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

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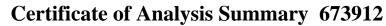
Page 28 of 29

Relipquished by: (Signature) 1 Cardy Cari Date Market of Amore and Acting to 150 to each sample submitted to Amore, but not analyzed 3 Cardy Cari Date/Time 5 (Cardy Cari Cari Cari Cari Cari Cari Cari Cari	Temperature (°C): $5,3,0,9$ Thermometer ID Received intact: $(^{\circ}C)$ No Cooler Custody Seals: $(^{\circ}C)$ Cooler Custody Seals: $(^{\circ}C)$ Date Time Date Total Containers: $(^{\circ}C-1)$ Cooler Custody Seals: $(^{\circ}C)$ Date Time Date Time Date $(^{\circ}C)$ Date $(^{\circ}C)$ Time Date $(^{\circ}C)$ Date $(^{\circ}C)$ Time $(^{\circ}C)$ Date $(^{\circ}C)$ <t< th=""><th>サリ / 1977 / 1979</th><th>BURATORIES Ciedy Cain Cain Chiramen Cain Chiramen Cain Chiramen Cain Chiramen Cain Chiramen Chesser IX 191</th></t<>	サリ / 1977 / 1979	BURATORIES Ciedy Cain Cain Chiramen Cain Chiramen Cain Chiramen Cain Chiramen Cain Chiramen Chesser IX 191
A character Signature Date/Time Relinquished by: (Signature) Ad by: (Signature) A/B/B/B 2 Image: Additional system of the system o	and subcontractors. It assigns stan	1	Chain of Custody Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334 Midland,TX (432) 704-5440 EL Paso,TX (915) 585-3443 Lubbock,TX (806) 784-1286 Crasibad, NM (432) 704-5440 Phoenix,AZ (480) 355-0900 Atlanta,GA (770) 449-8800 Tampa,FL (813) 620-2000 West Palm Beach, FL (561) 689-6701 Bill to: (tf amerent) Midland, TX (480) 355-0900 Atlanta,GA (770) 449-8800 Tampa,FL (813) 620-2000 West Palm Beach, FL (561) 689-6701 Bill to: (tf amerent) Middle Address: J/JDS7 Address: J/JDS7 Address: J/JDS7 Address: J/JDS7 Address: J/JDS7 Address: J/JDS7 Midual Address: J/JDS7 Prog St Address:
Outsky negotiated. Date/Time ture) Received by: (Signature) Date/Time Revised Date 022619 Rev. 2019.1 Revised Date 022619 Rev. 2019.1	K Se Ag SiO2 Na SiO2 N	QUEST Preservative Codes None: NO HNO3: HN HCL: HL	Work Order No:

Xenco

eurofins Environment Testing

Project Id:



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Crain Environmental, Odessa, TX

Project Name: MCU #1

110,000 140									2000 10				
Contact:	Cindy Crain									Repor	rt Date: 10.02.202	0 14:43	
Project Location:	Haljamar, NM								Pr	oject M	anager: Jessica K	ramer	
		Lab Id:	673912-00)1	673912-00	02	673912-00	03	673912-00	04			
Analysis I	Roguested	Field Id:	SW-2		SW-5		SW-6		SW-7				
	Requesieu	Depth:	5.5- ft		3- ft		4.5- ft		4.5- ft				
		Matrix:	SOIL		SOIL		SOIL		SOIL				
		Sampled:	09.29.2020 1	2:30	09.29.2020 1	2:45	09.29.2020 1	12:58	09.29.2020	13:10			
ТРН Ву	SW8015 Mod	Extracted:	10.01.2020 1	1:15	10.01.2020 1	1:15	10.01.2020 1	11:15	10.01.2020	11:15			
		Analyzed:	10.01.2020 1	3:23	10.01.2020 1	4:28	10.01.2020 1	14:50	10.01.2020	15:12			
		Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL			
Gasoline Range Hydro	ocarbons (GRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0			
Diesel Range Organic	s (DRO)		<50.0	50.0	131	50.0	<50.0	50.0	<50.0	50.0			
Motor Oil Range Hyd	rocarbons (MRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<50.0	50.0			
Total TPH			<50.0	50.0	131	50.0	<50.0	50.0	<50.0	50.0			

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Jession Vramer

Date Received in Lab: Wed 09.30.2020 12:24

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eurofins Environment Testing Xenco

Analytical Report 673912

for

Crain Environmental

Project Manager: Cindy Crain

MCU #1

10.02.2020

Collected By: Client



1211 W. Florida Ave Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483)

10.02.2020

Project Manager: **Cindy Crain Crain Environmental** 2925 E 17th St. Odessa, TX 79761

Reference: Eurofins Xenco, LLC Report No(s): **673912** MCU #1 Project Address: Haljamar, NM

Cindy Crain:

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 Eurofins Xenco, LLC Report Number(s) 673912. 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 Eurofins Xenco, LLC. 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. 673912 will be filed for 45 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 Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

fession kenner

Jessica Kramer Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

eurofins Environment Testing Xenco

Sample Cross Reference 673912

Crain Environmental, Odessa, TX

MCU #1

Matrix	Date Collected	Sample Depth	Lab Sample Id
S	09.29.2020 12:30	5.5 ft	673912-001
S	09.29.2020 12:45	3 ft	673912-002
S	09.29.2020 12:58	4.5 ft	673912-003
S	09.29.2020 13:10	4.5 ft	673912-004
	S S S	S 09.29.2020 12:30 S 09.29.2020 12:45 S 09.29.2020 12:58	S 09.29.2020 12:30 5.5 ft S 09.29.2020 12:45 3 ft S 09.29.2020 12:58 4.5 ft

Environment Testing Xenco

CASE NARRATIVE

Client Name: Crain Environmental Project Name: MCU #1

Project ID: Work Order Number(s): 673912 Report Date: 10.02.2020 Date Received: 09.30.2020

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Crain Environmental, Odessa, TX

MCU #1

Sample Id: SW-2		Matrix:	Soil		Date Received:09.3	0.2020 12	:24
Lab Sample Id: 673912-001		Date Coll	ected: 09.29.2020 12:30		Sample Depth: 5.5 f	ť	
Analytical Method: TPH By SW80	15 Mod				Prep Method: SW8	3015P	
Tech: DVM					% Moisture:		
Analyst: ARM		Date Prep	: 10.01.2020 11:15		Basis: Wet	Weight	
Seq Number: 3138683							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.01.2020 13:23	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.01.2020 13:23	U	1

Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.	0 50.0		mg/kg	10.01.2020 13:23	U	1
Total TPH	PHC635	<50.	0 50.0		mg/kg	10.01.2020 13:23	U	1
S		C Nh	0/ D	TI:4-	T • • • •	Amelanta Data		
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	% Recovery 90	%	70-130	10.01.2020 13:23	Flag	

Crain Environmental, Odessa, TX

MCU #1

Sample Id: SW-5		Matrix:	Soil		Date Received:09.3	0.2020 12	2:24
Lab Sample Id: 673912-002		Date Col	lected: 09.29.2020 12:45	5	Sample Depth: 3 ft		
Analytical Method: TPH By SW80	5 Mod				Prep Method: SW	8015P	
Tech: DVM					% Moisture:		
Analyst: ARM		Date Prep	p: 10.01.2020 11:15	;	Basis: Wet	Weight	
Seq Number: 3138683							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.01.2020 14:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	131	50.0	mg/kg	10.01.2020 14:28		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.01.2020 14:28	U	1

Total TPH	PHC635	131	50.0		mg/kg	10.01.2020 14:28		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	81	%	70-130	10.01.2020 14:28		
o-Terphenyl		84-15-1	77	%	70-130	10.01.2020 14:28		

Crain Environmental, Odessa, TX

MCU #1

Sample Id: SW-6		Matrix:	Soil		Date Received:09.3	0.2020 12	:24
Lab Sample Id: 673912-003		Date Coll	ected: 09.29.2020 12:58		Sample Depth: 4.5 f	t	
Analytical Method: TPH By SW80	15 Mod				Prep Method: SW8	8015P	
Tech: DVM					% Moisture:		
Analyst: ARM		Date Prep	: 10.01.2020 11:15		Basis: Wet	Weight	
Seq Number: 3138683							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.01.2020 14:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.01.2020 14:50	U	1

Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.	0 50.0		mg/kg	10.01.2020 14:50	U	1
Total TPH	PHC635	<50.	0 50.0		mg/kg	10.01.2020 14:50	U	1
Surrogate		Cas Number	% Recoverv	Units	Limits	Analysis Date	Flag	
Surrogute		Cas Humber	70 Recovery	Omts	Linnts	Marysis Dute	Tiag	
1-Chlorooctane		111-85-3	89	%	70-130	10.01.2020 14:50	riag	

Crain Environmental, Odessa, TX

MCU #1

Sample Id: SW-7		Matrix:	Soil		Date Received:09.3	0.2020 12	:24
Lab Sample Id: 673912-004		Date Coll	ected: 09.29.2020 13:10		Sample Depth: 4.5 f	ť	
Analytical Method: TPH By SW801	15 Mod				Prep Method: SW8	3015P	
Tech: DVM					% Moisture:		
Analyst: ARM		Date Prep	: 10.01.2020 11:15		Basis: Wet	Weight	
Seq Number: 3138683							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.01.2020 15:12	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.01.2020 15:12	U	1

Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.	0 50.0		mg/kg	10.01.2020 15:12	U	1
Total TPH	PHC635	<50.	0 50.0		mg/kg	10.01.2020 15:12	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
Surrogate 1-Chlorooctane		Cas Number 111-85-3	% Recovery 84	Units %	Limits 70-130	Analysis Date 10.01.2020 15:12	Flag	

Xenco

Environment Testing

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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.	ND Not Detected			
RL Reporting Limit				
MDL Method Detection Limit	SDL Sample De	tection Limit	LOD Limit of Detection	
PQL Practical Quantitation Limit	MQL Method Qu	antitation Limit	LOQ Limit of Quantitatio	n
DL Method Detection Limit				
NC Non-Calculable				
SMP Client Sample		BLK	Method Blank	
BKS/LCS Blank Spike/Laboratory	Control Sample	BKSD/LCSD	Blank Spike Duplicate/Labo	ratory Control Sample Duplicate
MD/SD Method Duplicate/Sam	ple Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NELAC certification not offered	l for this compound.			

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 673912

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Crain Environmental

MCU #1

Analytical Method: Seq Number: MB Sample Id:	TPH By S 3138683 7712480-1		od	LCS San	Matrix:	Solid 7712480-1	1-BKS			ep Methe Date Pr D Sample	ep: 10.0	8015P)1.2020 2480-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb	ons (GRO)	< 50.0	1000	951	95	1000	100	70-130	5	20	mg/kg	10.01.2020 12:39	
Diesel Range Organics	(DRO)	<50.0	1000	1040	104	1030	103	70-130	1	20	mg/kg	10.01.2020 12:39	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			mits	Units	Analysis Date	
1-Chlorooctane		94		1	07		106	i	70	-130	%	10.01.2020 12:39	
o-Terphenyl		91		9	96		95		70	-130	%	10.01.2020 12:39	

Analytical Method: Seq Number:	TPH By SW8015 Mod 3138683	Matrix: MB Sample Id:	Solid 7712480-1-BLK	Prep Method: Date Prep:		8015P 1.2020	
Parameter Motor Oil Range Hydrocar	bons (MRO)	MB Result <50.0			J nits ng/kg	Analysis Date 10.01.2020 12:17	Flag

Analytical Method:	TPH By S	W8015 M	lod						P	rep Meth	od: SW	8015P	
Seq Number:	3138683				Matrix:	Soil				Date Pr	ep: 10.0	01.2020	
Parent Sample Id:	673912-00	1		MS Sar	nple Id:	673912-00	01 S		MS	D Sample	e Id: 673	912-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb	ons (GRO)	<49.9	997	882	88	869	87	70-130	1	20	mg/kg	10.01.2020 13:44	
Diesel Range Organics	(DRO)	<49.9	997	967	97	994	100	70-130	3	20	mg/kg	10.01.2020 13:44	
Surrogate					1S Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1-Chlorooctane				ç	95		96		70	-130	%	10.01.2020 13:44	
o-Terphenyl				8	32		85		70	-130	%	10.01.2020 13:44	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

Page 11 of 12

Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 AI Sb As Ba Be Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr TI Sn U V Zn Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: BRCRA Sb As Ba Be Cd Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr TI Sn U V Zn Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from cilent company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be iable only for the cost of samples and shill not assume any responsibility for any losses or expenses incurred by the cilent if such losses are due to circumstances beyond the control of xenco. A minimum charge of \$75.00 will be applied th each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Received by: (Signature) Date/Time	$ \begin{array}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Notice Number of the second
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Page 12 of 12



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APPENDIX D: WASTE MANIFESTS

Received by OCD: 11/24	/2020 8:29:16 AM	HAZARDOUS OILFIELD WASTE	MANIEEST / DISD	DRAL TICKET	Pa Company Man Contac	ige 91 of 140
GA			MANIFEST / DISPO	JAL HUKET	Name	
YVLinc.	3336	5			Phone No	
		GENERATO			1 +1	
Operator No Operators Name	0.01		Lease/Well	n 1166	1 77	
			Name & No			
Address			County			<u> </u>
City, State, Zip						
Phone No			AFE/PO No	<u></u>		
TRUCK TIM	ME STAMP	DISPOSAL FAC	CILITY	RE	ECEIVING AREA	
IN: 9:27AMO	UT:			Name/No	Landfill	
					140-0-1111	
Site Name / Permit No. Com		1-0020)	Phone No. 575-	347-0434		
Address P.O. Box 1658 Ros			14.450	50		
NORM Readings Ta Pass the Paint Filter	ken? (Circle One) YES r Test? (Circle One) YES	NO NO	If YES, was read	ng > 50 micro roente	gens? (Circle One) YE	S NO
		TRANSPORT	TER			
Transporter's Name	LTF					
Address						
			Phone No			
Phone No			Truck No.	3-1128	7	
I hereby certify that the above n	amed material(s) was/were pic				dent to the disposal facility i	listed below.
			11-10%	20 8/1	An	
SHIPMENT DATE	DRIVER'S SIGNATU		DELIVERY D		DRIVER'S SIGNATURE	
Exempt I	E&P Waste/Service Identifie	cation and Amount (Place v	olume next to w	aste type in barrels	or cubic yards)	
Oil Based Muds		TABLE WATERS		INJECTABLE WATE		
Oil Based Cuttings Water Based Muds		iter (Non-Injectable) Fluid/Flowback (Non-Injectable)		Washout Water (Inj Completion Fluid/F	ectable)	
Water Based Cuttings		ater (Non-Injectable)		Produced Water (In	njectable)	
Produced Formation Solids . Tank Bottoms	Gathering Li	ne Water/Waste (Non-Injectable)		Gathering Line Wat	ter/Waste (Injectable)	
E&P Contaminated Soil		out (Exempt Waste)			ion process of the waste)	
Gas Plant Waste						
WASTE GENERATION PROCESS	: Drilling	Completion	🗅 Prod	uction	Gathering Lines	
	Non-Exe	mpt E&P Waste/Service Ide	entification and	Amount		
(All non-ex	empt E&P waste must be analyz				ess, and reactivity.)	
Non-Exempt Other:			*Please select fro	m Non-Exempt Waste I	_ist on back	
QUANTITY:	B - Barrels	L - Liqui	d	Y - Yards	E - Eac	:h
		<u>C-138</u>				
I hereby certify that according to described waste load is (Check the		Recovery Act (RCRA) and the U	IS Environmental P	rotection Agency's July	1988 regulatory determination	on, the above
	Oil field wastes generated fro	m oil and gas exploration and p	roduction operation	s and are not mixed wi	ith non-exempt waste. (Gand	y Marley, Inc.
	accepts certifications on a pe					
RCRA NON-EXEMPT:		azardous that does not exceed \$1.24, or listed hazardous waste :				
	demonstrating the waste as n	on-hazardous is attached. (Chec	k the appropriate ite	ems as provided.)		
MSDS Info	ormation	RCRA Hazardous Wa	ste Analysis	Oti	ner (Provide Description Below	V)
EMERGENCY NON-OILFIELD	 Emergency non-hazardous, no ous waste determination and 	on-oilfield waste that has been o a description of the waste must a			(The order, documentation of	non-hazard-
(PRINT) AUTHORIZED AG	ENTS SIGNATURE	DATE			SIGNATURE	19 - 35 (L)-
and the year of						
Vala 1 il	1 /	10 24			1 1	
AMORINA M	Wahy 11-	Val	GN		Mary alas 1	111200h
NAME (PRINT)	DA	ATE	TITL	E	SIGNATURE	1.7

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SUPERIOR PRINTING SERVICE, INC.

Received by OCD: 11/24/	2020 8:29:16 AM	HAZARDOUS OILFIELD WASTE		DOAL TICKET	Page 92 of 140 Company Man Contact Information
GA			WANIFEST / DISP	JOAL HUKET	Name
YV inc.	3335	6			Phone No
		GENERATO	<u>)R</u> Leastion of Origi	ma	11 -t 1
Operator No	4		Location of Origi	1/1/21	11 77/
Operator No Operators Name	JXP		Name & No		
Address			County		
City, State, Zip	3EERINE 16 19 전				
Phone No.					
TRUCK TIM	IE STAMP	DISPOSAL FAC		R	ECEIVING AREA
IN: 1.5011 OL	JT:			Name/No.	Landfill
Site Name / Permit No. Comm		1-0020)	Phone No 575-	-347-0434	
Address P.O. Box 1658 Rost			11 11 10	50	
NORM Readings Tak	ken? (Circle One)YESTest? (Circle One)YES	NO	If YES, was read	ing > 50 micro roen	tgens? (Circle One) YES NO
Fass the Famil Filter	Test? (Officie Offe) TES	TRANSPORT	TER		
Transporter's Name	+F		Collinson and a little set		
Address					
			Phone No	2-117	9
Phone No					ident to the disposal facility listed below.
I nereby certify that the above ha	imed material(s) was/were pi	cked up at the Generator's site	listed above and	delivered without inc	ident to the disposal facility listed below.
SHIPMENT DATE			DELIVERY D		DRIVER'S SIGNATURE
	DRIVER'S SIGNATU				
Exempt E	&P Waste/Service Identifie	cation and Amount (Place v	olume next to w	aste type in barre	Is or cubic yards)
Oil Based Muds		TABLE WATERS		INJECTABLE WAT	
Ŭ		ater (Non-Injectable) Fluid/Flowback (Non-Injectable)		Washout Water (In Completion Fluid)	/Flowback (Injectable)
Water Based Cuttings		/ater (Non-Injectable)		Produced Water (
Produced Formation Solids		ne Water/Waste (Non-Injectable)			ater/Waste (Injectable)
Tank Bottoms	INTERNAL U Truck Wash	JSE ONLY out (Exempt Waste)		OTHER EXEMPT (Types and generation	WASTESation process of the waste)
Gas Plant Waste					
WASTE GENERATION PROCESS	Drilling	Completion	D Prod	luction	Gathering Lines
	Non-Exe	mpt E&P Waste/Service Ide	entification and	Amount	
(All non-exe	empt E&P waste must be analyz	ed and be below the threshold lir	nits for toxicity (TC	LP), ignition, corrosive	ness, and reactivity.)
Non-Exempt Other:			*Please select fro	m Non-Exempt Waste	List on back
QUANTITY:	B - Barrels	L - Liqui	d	Y - Yards	E - Each
I hereby certify that according to t described waste load is (Check the	appropriate classification)				ly 1988 regulatory determination, the above
RCRA EXEMPT:	Oil field wastes generated fro accepts certifications on a pe		oduction operation	is and are not mixed v	with non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-20		as defined by 40 CF	R, part 261, subpart D	lous by characteristics established in RCRA 0, as amended. The following documentation
MSDS Infor	mation	RCRA Hazardous Wa	ste Analysis	• •	ther (Provide Description Below)
EMERGENCY NON-OILFIELD:		on-oilfield waste that has been o a description of the waste must a			y. (The order, documentation of non-hazard-
(PRINT) AUTHORIZED AGE	ENTS SIGNATURE	DATE			SIGNATURE
111	A. J. H	IR an			1 1. 1. 1. 1. 1.
AMBEILIE L.	allaha In	O'all	GN		NIMARKA / /// DAVA
NAME (PRINT)	D/	ATE	TITL	E	SIGNATURE

Released to Imaging: 4/9/2021 3:37:04 PM

Received by OCD: 11/24/2020 8:29:16 AM	HAZARDOUS OILFIELD WASTE	MANIFEST / DISPO	DSAL TICKET Company Man Contact Information
G		MANNEOT / DIOI C	Name
YVL inc. 3338	6 OENEDATO	ND NO.	Phone No
	GENERATO	Location of Origi	in MAIL H
Operator No		Lease/Well	in $MGUH$
Operators Name			
Address		County	
		API No	
City, State, Zip		Rig Name & No.	
Phone No		AFE/PO No.	
	DISPOSAL FAC		
TRUCK TIME STAMP	DIOTOGALTA		RECEIVING AREA
IN:OUT:			Name/No
	0000)		
Site Name / Permit No. Commercial Landfarm (NM-711-1	1-0020)	Phone No. <u>575-</u>	
Address P.O. Box 1658 Roswell, NM 88202 NORM Readings Taken? (Circle One) YES	NO	If VES, was road	ling > 50 micro roentgens? (Circle One) YES NO
Pass the Paint Filter Test? (Circle One) YES	NO	II ILO, Was leau	ing > 50 micro roentgens? (Circle One) 123 140
	TRANSPORT	TER	
Transporter's Name	and the second	and the second s	
Address			
			3-1130
Phone No			
		11-10-	20 11. 11.
SHIPMENT DATE DRIVER'S SIGNATU	IRE	DELIVERY D	DATE DRIVER'S SIGNATURE
Exempt E&P Waste/Service Identific		olume next to w	vaste type in barrels or cubic vards)
			INJECTABLE WATERS
	TABLE WATERS ater (Non-Injectable)		Washout Water (Injectable)
	Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)
	'ater (Non-Injectable) ne Water/Waste (Non-Injectable)		Produced Water (Injectable) Gathering Line Water/Waste (Injectable)
Tank Bottoms INTERNAL L			OTHER EXEMPT WASTES
	out (Exempt Waste)		(Types and generation process of the waste)
Gas Plant Waste			
WASTE GENERATION PROCESS: Drilling	Completion	🗅 Prod	Juction Gathering Lines
Non-Exe	mpt E&P Waste/Service Id	entification and	Amount
(All non-exempt E&P waste must be analyze	•		
Non-Exempt Other:		*Please select fro	om Non-Exempt Waste List on back
QUANTITY: B - Barrels	L - Liqui	d	Y - Yards E - Each
	<u>C-138</u>		
I hereby certify that according to the Resource Conservation and	Recovery Act (RCRA) and the L	IS Environmental P	rotection Agency's July 1988 regulatory determination, the above
described waste load is (Check the appropriate classification)			
RCRA EXEMPT: Oil field wastes generated from accepts certifications on a per		roduction operation	ns and are not mixed with non-exempt waste. (Gandy Marley, Inc.
		the minimum stand	dards for waste hazardous by characteristics established in RCRA
regulations, 40 CFR 261.21-26	61.24, or listed hazardous waste	as defined by 40 CF	FR, part 261, subpart D, as amended. The following documentation
	on-hazardous is attached. (Chec		
MSDS Information	RCRA Hazardous Wa	ste Analysis	Other (Provide Description Below)
		the states	
	on-oilfield waste that has been o a description of the waste must a		artment of Public Safety. (The order, documentation of non-hazard- m.)
	an market the book		
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE		SIGNATURE
still from 1			at the all 1
Kunhecht Muraha 11-	112-20	GN	A Realista Theacher
	ATE	TITL	Jungaling Jungerry
Released to Imaging: 4/9/2021 3:37:04 PM			SUPERIOR PRINTING SERVICE, INC.

Received by OCD: 11/24/2020 8:29:16 AM	HAZARDOUS OILFIELD WASTE	MANIFEST / DISPO	DSAL TICKET Company Man Contact Information		
GA	Strange Stations		Name		
YVL inc. 3338	GENERATO	B	Phone No		
			$n \qquad M \leq i \leq j$		
Operator NoOperators NameO			" MGU FI		
Address					
City, State, Zip		Rig Name & No.			
Phone No		AFE/PO No			
TRUCK TIME STAMP	DISPOSAL FAC		RECEIVING AREA		
IN:OUT:			Name/No		
Site Name / Permit No. Commercial Landfarm (NM-711-	, 1-0020)	Phone No575-	347-0434		
Address P.O. Box 1658 Roswell, NM 88202	1-0020)	Phone No			
NORM Readings Taken? (Circle One) YES	NO	If YES, was readi	ng > 50 micro roentgens? (Circle One) YES NO		
Pass the Paint Filter Test? (Circle One) YES NO					
11-	TRANSPORT	ER			
Transporter's Name		Driver's Name			
Address		Print Name			
		Phone No			
Phone No		Truck No.	7-1174		
I hereby certify that the above named material(s) was/were pic	cked up at the Generator's site	listed above and o	delivered without incident to the disposal facility listed below.		
		11-100	20 V Lies Tim		
SHIPMENT DATE DRIVER'S SIGNATU	JRE	DELIVERY D	ATE DRIVER'S SIGNATURE		
Exempt E&P Waste/Service Identifie	cation and Amount (Place v	olume next to w	aste type in barrels or cubic yards)		
	TABLE WATERS		INJECTABLE WATERS		
	ater (Non-Injectable) Fluid/Flowback (Non-Injectable)		Washout Water (Injectable) Completion Fluid/Flowback (Injectable)		
	/ater (Non-Injectable)		Produced Water (Injectable)		
Produced Formation Solids Gathering L	ine Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)		
Tank Bottoms INTERNAL U			OTHER EXEMPT WASTES (Types and generation process of the waste)		
Gas Plant Waste	out (Exempt Waste)				
WASTE GENERATION PROCESS: Drilling	Completion	🗆 Prod	uction Gathering Lines		
	mpt E&P Waste/Service Ide				
(All non-exempt E&P waste must be analyz Non-Exempt Other:			.P), ignition, corrosiveness, and reactivity.) m Non-Exempt Waste List on back		
			2/3		
QUANTITY: B - Barrels	L - Liquid		Y - Yards E - Each		
	C-138				
I hereby certify that according to the Resource Conservation and		S Environmental Pr	otection Agency's July 1988 regulatory determination, the above		
 described waste load is (Check the appropriate classification) RCRA EXEMPT: Oil field wastes generated fro accepts certifications on a period 		oduction operation	s and are not mixed with non-exempt waste. (Gandy Marley, Inc.		
regulations, 40 CFR 261.21-26	61.24, or listed hazardous waste a	is defined by 40 CF	ards for waste hazardous by characteristics established in RCRA R, part 261, subpart D, as amended. The following documentation		
demonstrating the waste as n MSDS Information	on-hazardous is attached. (Check		ms as provided.) Other (Provide Description Below)		
	on-oilfield waste that has been or a description of the waste must a		tment of Public Safety. (The order, documentation of non-hazard- n.)		
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE		SIGNATURE		
11 1 20 1			Al A B AT 1		
Kinhelly Mucha 11-1	0-20	GN	1 Manharly Mittal		
NAME (PRINT) D/	ATE	TITL	E SIGNATURE		
Released to Imaging: 4/9/2021 3:37:04 PM			SUPERIOR PRINTING SERVICE, INC.		

SUPERIOR PRINTING SERVICE, INC.

Received by OCD: 11/24/2		HAZARDOUS OILFIELD WASTE		DOAL TICKET	Page 95 of 140
G		HAZARDOUS OILFIELD WASTE	MANIFEST / DISPU	SAL TICKET	Company Man Contact Information Name
YVL inc.	3337	4			Phone No
		GENERATO	DR Location of Origin	MA	+1
Operator No			Lease/Well	n MGU	TT /
Operator No Operators Name	13XP		Name & No		
Address			County		
	Section and the state		API No		
City, State, Zip			Rig Name & No		
Phone No			AFE/PO No		
TRUCK TIM	AE STAMP	DISPOSAL FA		BE	CEIVING AREA
IN: 12:1100 OL					Landfill
1					- Salan Sankakar
Site Name / Permit No. Comm	the second se	-0020)	Phone No 575-:	347-0434	
Address P.O. Box 1658 Rost NORM Readings Tak		NO			
	ken? (Circle One) YES Test? (Circle One) YES	NO NO	IT YES, was reade	ng > 50 micro roentge	ens? (Circle One) YES NO
		TRANSPOR	TER		
Transporter's Name	LTF		Driver's Name		
Address		<u> : 24 - 25</u> - 27 - 27 - 27 - 27 - 27 - 27 - 27 - 2	Print Name		
			Phone No.		
Phone No			Truck No.		
I hereby certify that the above na	amed material(s) was/were pick	ked up at the Generator's site	listed above and c	delivered without incide	ent to the disposal facility listed below.
			11-10-	20 1	and the second s
SHIPMENT DATE	DRIVER'S SIGNATU		DELIVERY D		Driverto ordivitorie
Exempt E	&P Waste/Service Identific	ation and Amount (Place v	volume next to w	aste type in barrels	or cubic yards)
Oil Based Muds		TABLE WATERS		INJECTABLE WATER	
u de la companya de la company		ter (Non-Injectable) Fluid/Flowback (Non-Injectable)		Washout Water (Inje Completion Fluid/Flo	
Water Based Cuttings		ater (Non-Injectable)		Produced Water (Inje	
		ne Water/Waste (Non-Injectable)	Gathering Line Wate	
	INTERNAL U	<u>SE ONLY</u> ut (Exempt Waste)		OTHER EXEMPT WA	on process of the waste)
Gas Plant Waste					
WASTE GENERATION PROCESS	: Drilling	Completion	🗆 Prodi	uction	Gathering Lines
	Non-Ever	npt E&P Waste/Service Id	entification and	Amount	
(All non-exe	empt E&P waste must be analyze	•			ss, and reactivity.)
Non-Exempt Other:	나무는 방송에 다시		*Please select from	n Non-Exempt Waste Lis	st on back
QUANTITY:	B - Barrels	L - Liqui	id	Y - Yards	E - Each
		<u>C-138</u>			and the provide states
		Recovery Act (RCRA) and the L	JS Environmental Pr	otection Agency's July 1	988 regulatory determination, the above
described waste load is (Check the		n oil and das evoluration and n	roduction operation	and are not mixed with	n non-exempt waste. (Gandy Marley, Inc.
RCRA EXEMPT:	accepts certifications on a per		oddenon operation.	s and are not mixed with	and waste. (Gandy Maney, Inc.
RCRA NON-EXEMPT:					s by characteristics established in RCRA
	demonstrating the waste as no				s amended. The following documentation
MSDS Infor	rmation	RCRA Hazardous Wa	aste Analysis	Othe	er (Provide Description Below)
			i data da se		
EMERGENCY NON-OILFIELD:					The order, documentation of non-hazard-
	ous waste determination and a	description of the waste must	accompany this forn	1.)	
(PRINT) AUTHORIZED AGE	ENTS SIGNATURE	DATE			SIGNATURE
,		Unit			
de la factoria	m				alt 1 hand 1
Busherly 1	heraby 11-	10-20	GM	1	Constant a Ministe
NAME (PRINT)	DA	TE	TITLE		SIGNATURE

Received by OCD: 11/24/	2020 8:29:16 AM	HAZARDOUS OILFIELD WASTE	MANIFEST / DISP	OSAL TICKET	Page 96 of 140 Company Man Contact Information
GA					Name
<u>YV</u> inc.	3336	GENERATO			Phone No
		GENERAL		in MAY	1 = 1
Operator No Operators Name	12V12		Lease/Well	in _ 1164	
Address					
And the second state of the second state of the	the second state of	A CONTRACTOR OF			
City, State, Zip			0		
Phone No			AFE/PO No		
TRUCK TIN	IE STAMP	DISPOSAL FA	CILITY	REC	EIVING AREA
IN: 9:30AM OL	JT:			Namo/No	Lawallill
					man and the
Site Name / Permit No. Comm		1-0020)	Phone No. 575	-347-0434	
Address P.O. Box 1658 Rost					
NORM Readings Tal	ken? (Circle One) YES Test? (Circle One) YES	NO NO	If YES, was read	ling > 50 micro roentge	ns? (Circle One) YES NO
Pass the Paint Filter	Test? (Circle Offe) TES	TRANSPOR	TER		
Transporter's Name	LJF	<u></u>			
Address					
			Phone No		
Phone No.			Truck No	2-1172	
		ked up at the Generator's site	listed above and	delivered without incider	nt to the disposal facility listed below.
			11-10.	20 1 -	
SHIPMENT DATE	DRIVER'S SIGNATU	IRE	DELIVERY	DATE	DRIVER'S SIGNATURE
Exempt E	&P Waste/Service Identific	ation and Amount (Place	volume next to v	waste type in barrels o	r cubic yards)
Oil Based Muds	NON-INJEC	TABLE WATERS		INJECTABLE WATER	<u>S</u>
v		ter (Non-Injectable)		Washout Water (Inject	
		Fluid/Flowback (Non-Injectable) ater (Non-Injectable)		Completion Fluid/Flow Produced Water (Inject	
		ne Water/Waste (Non-Injectable)	Gathering Line Water	
Tank Bottoms	INTERNAL U	J <u>SE ONLY</u> but (Exempt Waste)		OTHER EXEMPT WAS	STES
Gas Plant Waste		our (Exempt waste)			
WASTE GENERATION PROCESS	: Drilling	Completion	D Pro	duction	Gathering Lines
(All non-exe	Non-Exe empt E&P waste must be analyz	mpt E&P Waste/Service Id ed and be below the threshold li			s, and reactivity.)
Non-Exempt Other:				om Non-Exempt Waste List	
QUANTITY:		L - Liqu		202	
QUANTITY:	B - barreis	L - Liqu		Y - Yards	E - Each
		C-138			
I hereby certify that according to t	he Resource Conservation and		JS Environmental F	Protection Agency's July 19	988 regulatory determination, the above
described waste load is (Check the					
RCRA EXEMPT:	Oil field wastes generated from accepts certifications on a per		roduction operatio	ns and are not mixed with	non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:	In the second		the minimum stan	darde for waste bazardous	by characteristics established in RCRA
A RORA NON-EXEMPT.	regulations, 40 CFR 261.21-26	51.24, or listed hazardous waste	as defined by 40 C	FR, part 261, subpart D, as	amended. The following documentation
		on-hazardous is attached. (Chec			
MSDS Info	rmation	RCRA Hazardous Wa	aste Analysis	U Other	(Provide Description Below)
	Emorgonou non beserdeur	on oilfield weets that has here	redered by the Dra	atmost of Dublic Onfete /T	he order decumentation of new bound
EWERGENCY NON-OILFIELD:		a description of the waste must			he order, documentation of non-hazard-
(PRINT) AUTHORIZED AGI	ENTS SIGNATURE	DATE			SIGNATURE
					11
1.1.1	1 1 1	10 04		n'	1 / AM /
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NAME (PRINT)	/2021 2.27.04 DM	NTE .	TIT	LE	SIGNATURE

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SUPERIOR PRINTING SERVICE, INC.

Received by OCD: 11/24/	2020 8:29:16 AM	-HAZARDOUS OILFIELD WASTE	MANIEEST / DISPOS	Company Man Contact Information
G.A.			MANIE ST / DISPOS	Name
YVL inc.	3341	OFNEDATO	ND IN INC.	Phone No
HARDEN REPAIR		GENERATO	Location of Origin	man the
Operator No	11.1.2		Lease/Well	MGUFI
Operators Name	15XP		Name & No	
Address			County	
			API No	
City, State, Zip			Rig Name & No	
Phone No				
TRUCK TIM	ME STAMP	DISPOSAL FAC		RECEIVING AREA
IN: 9:55AM O	UT:		N	Name/No
Site Name / Permit No. Comr	mercial Landfarm (NM-711-	-1-0020)	Phone No. 575-34	47-0434
Address P.O. Box 1658 Ros				
NORM Readings Ta		NO	If YES, was reading	g > 50 micro roentgens? (Circle One) YES NO
Pass the Paint Filter	r Test? (Circle One) YES	NO		
	110	TRANSPORT	The second se	
Transporter's Name	free T.F		Driver's Name	
Address			Print Name	E
			Phone No.	
Phone No.			Truck No.	3-1/31
I hereby certify that the above n	amed material(s) was/were pi	icked up at the Generator's site	listed above and de	elivered without incident to the disposal facility listed below.
			11-11-2	70 × 16, 1 12 -
SHIPMENT DATE	DRIVER'S SIGNAT	URE	DELIVERY DA	TE DRIVER'S SIGNATURE
Exempt	E&P Waste/Service Identifi	cation and Amount (Place v	olume next to wa	ste type in barrels or cubic yards)
Oil Based Muds . Oil Based Cuttings .		<u>CTABLE WATERS</u> /ater (Non-Injectable)		INJECTABLE WATERS Washout Water (Injectable)
		Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)
Water Based Cuttings		Vater (Non-Injectable)		Produced Water (Injectable)
Produced Formation Solids	Gathering L	ine Water/Waste (Non-Injectable)	N <u>A 6 1 12 10 1</u> 4 1	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL	the second s		OTHER EXEMPT WASTES
E&P Contaminated Soil . Gas Plant Waste	Truck Wash	nout (Exempt Waste)		(Types and generation process of the waste)
WASTE GENERATION PROCESS		Completion	Produce	ction
WASTE GENERATION PROCESS		Completion		Guon Gathering Lines
	Non-Ex	empt E&P Waste/Service Ide	entification and A	mount
(All non-ex	empt E&P waste must be analy	zed and be below the threshold lin	mits for toxicity (TCLF	P), ignition, corrosiveness, and reactivity.)
Non-Exempt Other:			*Please select from	Non-Exempt Waste List on back
QUANTITY:	B - Barrels		d d	Y - Yards E - Each
		C-138		
I have been an stift of the standard terms	the Descures Concernation and		IC Environmental Drei	testion Agency's July 1000 regulatory determination, the above
described waste load is (Check the		Hecovery Act (HCHA) and the U	is Environmental Pro	tection Agency's July 1988 regulatory determination, the above
	Oil field wastes generated fro accepts certifications on a pe		roduction operations	and are not mixed with non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:	Oil field waste which is non- regulations, 40 CFR 261.21-2	hazardous that does not exceed 261.24, or listed hazardous waste	as defined by 40 CFR	rds for waste hazardous by characteristics established in RCRA , part 261, subpart D, as amended. The following documentation
		non-hazardous is attached. (Chec		
MSDS Info	ormation	RCRA Hazardous Wa	ste Analysis	Other (Provide Description Below)
EMERGENCY NON-OILFIELD		non-oilfield waste that has been o a description of the waste must a		ment of Public Safety. (The order, documentation of non-hazard-)
(PRINT) AUTHORIZED AG	ENTS SIGNATURE	DATE		SIGNATURE
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Kunhechus	Turshed 11-	11-20	GMI	Kimbert Hugh
	raiging II			
NAME (PRINT) Released to Imaging: 4/9		ATE	TITLE	SIGNATURE SUPERIOR PRINTING SERVICE, INC.

Received by OCD: 11/24/.					Page 98 of 140
G	NEW MEXICO NON-	HAZARDOUS OILFIELD WASTE	MANIFEST / DISF	OSAL HCKET	Company Man Contact Information Name
YVL inc.	3329	7			Phone No
		GENERATO		no	
Operator No.			Location of Orig Lease/Well	jin ///3	U #1
Operator No Operators Name	SXP				
Address			County		
			API No		
City, State, Zip			Rig Name & No.		
Phone No			AFE/PO No		
TRUCK TIN	ME STAMP	DISPOSAL FAC	CILITY		RECEIVING AREA
IN: 9:3211 OL	UT:			Name/No.	Landfill
Site Name / Permit No. Comm	nercial Landfarm (NM-711-	I-0020)	Phone No. 575	-347-0434	
Address P.O. Box 1658 Ros					
NORM Readings Ta	ken? (Circle One) YES	NO	If YES, was read	ding > 50 micro roe	ntgens? (Circle One) YES NO
Pass the Paint Filter	r Test? (Circle One) YES	NO			
Transporter's Name	+F	TRANSPOR	and the second		
Address					
			Phone No	3-112	/
Phone No					cident to the disposal facility listed below.
			11-5:	30 x	
SHIPMENT DATE	DRIVER'S SIGNATU	IRE	DELIVERY	DATE	DRIVER'S SIGNATURE
Exempt E	E&P Waste/Service Identific	ation and Amount (Place v	olume next to v	waste type in barro	els or cubic yards)
Oil Based Muds	NON-INJEC	TABLE WATERS		INJECTABLE W	ATERS
Oil Based Cuttings		ter (Non-Injectable)		Washout Water	
		Fluid/Flowback (Non-Injectable) ater (Non-Injectable)		Completion Fluid Produced Water	d/Flowback (Injectable)
Produced Formation Solids		ne Water/Waste (Non-Injectable)			Vater/Waste (Injectable)
Tank Bottoms	INTERNAL U			OTHER EXEMP	T WASTES
E&P Contaminated Soil Gas Plant Waste	Iruck Washo	out (Exempt Waste)		(Types and gene	ration process of the wastey
WASTE GENERATION PROCESS	: 🗆 Drilling	Completion	C Pro	duction	Gathering Lines
	Non-Exe	mpt E&P Waste/Service Id	entification and	Amount	
(All non-exe	empt E&P waste must be analyze	ed and be below the threshold li	mits for toxicity (TC	CLP), ignition, corrosiv	eness, and reactivity.)
Non-Exempt Other:			*Please select fro	om Non-Exempt Wast	e List on back
QUANTITY:	B - Barrels	L - Liqui	d	Y - Yards	E - Each
		0.400			
		<u>C-138</u>			
I hereby certify that according to t described waste load is (Check the		Recovery Act (RCRA) and the U	JS Environmental F	Protection Agency's J	uly 1988 regulatory determination, the above
	Oil field wastes generated from accepts certifications on a per		roduction operatio	ns and are not mixed	with non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:					dous by characteristics established in RCRA
		on-hazardous is attached. (Chec			D, as amended. The following documentation
MSDS Info	rmation	RCRA Hazardous Wa	ste Analysis		Other (Provide Description Below)
		on oilfield weets that has here	rdorod by the Dre	artmont of Dublic Oct	the order decumpatation of any honorth
		a description of the waste must			ety. (The order, documentation of non-hazard-
(PRINT) AUTHORIZED AG	ENTS SIGNATURE	DATE			SIGNATURE
					and the second
1/1/1	m /				11 11 11 111
Amperiul	Mabut 11-	5:20	GI	AI	and they / allaky
NAME (PRINT)	DA	ΤE	ТІТ	LE	SIGNATURE

<form></form>	Received by OCD: 11/24/					Page 99 of 140 Company Man Contact Information
<form> Generator Nic BENERATOR Covertor Nic Laser Nic Address Laser Nic Address County Marrie No County State Name No County Marrie No County Marrie No County Marrie No County Marrie No Marrie No County County Marrie No County County County Marrie No County County County County County Marrie No County County</form>	G			IMANIFEST / DISP	JSAL HORET	
<form> Operation No. </form>	YVL inc.	3330	17	- Alexandre (Bergi		
<form> Operations Name Name & No. Address Operations Operations Pin No. Operations Pin No. TRUCK TIME STAMP DisPOSAL FACILITY TRUCK TIME STAMP DisPOSAL FACILITY</form>	COLUMN TRANSPORT		GENERAT	OR Location of Origi	N N A	A A I
Address	Operator No.			Lease/Well	170	U tt /
Address	Operators Name	2XP		Name & No		
<form> Chiping All Plane a No. Prior No. PLEPO No. TRUCK TIME STAMP DISDOAL FACILITY Notified and the state of the stat</form>				County		
<form><form><form></form></form></form>				API No		
<form><form><form><form><form><form></form></form></form></form></form></form>	City, State, Zip			Rig Name & No.		
<form><form><form><form></form></form></form></form>	Phone No			AFE/PO No.		
<form> In: </form>	TBUCK TIN	ME STAMP	DISPOSAL FA		BI	
Site Name / Pormit No. Commercial Landfarm (NM-7111-0020) Phone No. 975447-0434 Address PO. Box 1658 Roavell, NM 88202 IVES. was reading > 50 m coro centgens? (Circle One) VES NO NORM Readings Taken? (Circle One) VES NO Prove No. IVES. was reading > 50 m coro centgens? (Circle One) VES NO Address	1 21 Day					113111
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<form><form> NDRM Readings Token? (Direct Own) YES NO Press the Paint Pitter Test? (Direct Own) YES NO Past the Paint Pitter Test? (Direct Own) YES NO The Paint Pitter Test? (Direct Own) YES NO Address Direct Own The Paint Pitter Test? (Direct Own) YES Address Pitter Direct Own</form></form>	Site Name / Permit No. Com	mercial Landfarm (NM-711-	1-0020)	Phone No. 575-	347-0434	
<form> Pass the Plant Fliet root of the Control PLANEDUCED Panaporter's Name </form>	Address P.O. Box 1658 Ros	well, NM 88202				
<section-header> THENSPORTERS Transporter's Name </section-header>	NORM Readings Ta	ken? (Circle One) YES	NO	If YES, was read	ing > 50 micro roent	gens? (Circle One) YES NO
<form> Tensporter's Name </form>	Pass the Paint Filter	r Test? (Circle One) YES				
Address	and the local of h	1F	with the sector design and the	Contraction of the second second		
<form> Pinne N </form>						
<form> Pinor No. </form>						
<form><form><form><form><form></form></form></form></form></form>				Phone No.	2-1177	
<form> SIPPAENT DAT DRIVER'S SIGNATURE DRIVER'S SIGNATURE DIBASED MUKE DRIVER'S SIGNATURE DRIVER'S SIGNATURE ONE DATE DATE DATE DATE DATE DATE DATE DAT</form>						
<form> Image: Careful Careful</form>	Thereby certify that the above h	amed material(s) wasiwere pic	theo up at the Generator's site	e listed above and	denvered without incl	dent to the disposal facility listed below.
<form> Image: Careful Careful</form>	SHIPMENT DATE	DRIVER'S SIGNATI	JRE	DELIVERY		DRIVER'S SIGNATURE
Oll Based Muds NON-INJECTABLE WATERS INJECTABLE WATERS Oll Based Outings Washout Water (Non-Injectable) Display on Public						
OI Base Outlings Washoul Water (Non-injectable) Washoul Water (Injectable) Completion Fluid/Plowback (Non-injectable) Produced Water (Injectable) Produced Water (Injectable) <td></td> <td></td> <td></td> <td></td> <td>The result of the second</td> <td></td>					The result of the second	
Water (Non-Injectable) Produced Water (Non-Injectable) Produced Water (Non-Injectable) Produced Formation Solids Gathering Line Water/Waste (Non-Injectable) Gathering Line Water/Waste (Njectable) Park Bottoms Marter Mater/Waste (Non-Injectable) Other Exempt Waste (Njectable) Gathering Line Water/Waste (Non-Injectable) Other Exempt Waste (Njectable) Other Exempt Waste (Njectable) Waste Generation process of the waste) Completion Produced Water (Non-Injectable) Other Waste (Njectable) Waste Generation process of the waste) Completion Produced Water (Non-Injectable) Other Waste (Non-Injectable) Waste Generation process of the waste) Completion Produced Water (Non-Injectable) Other Waste (Non-Injectable) Waste Generation process of the waste Deriver Maste (Non-Injectable) Produced Water (Non-Injectable) Produced Water (Non-Injectable) Waste Generation process of the waste Deriver Maste (Non-Injectable) Produced Water (Non-Injectable) Produced Water (Non-Injectable) Waste Generation process of the waste is analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosweness, and reactivity, Culture Deriver Maste (Non-Injectable) Deriver Maste (Non-Injectable) Quantity B - Barrels L - Liquid Y - Yards E - Eac						
Produced Formation Solids Gathening Line Water/Waste (Non-Injectable) Gathening Line Water/Waste (Injectable) Tark Bottoms Gathening Line Water/Waste (Non-Injectable) Other BAZEMAPT WASTES Constminated Soli Truck Washou (Exempt Waste) Other BAZEMAPT WASTES Gas Plant Waste Dorpletion Production Gathening Line Water/Waste WASTE GENERATION PROCESS: Drilling Completion Production Gathening Line Water/Waste Waster Generation process of the waster Completion Production Gathening Line Water/Waste Waster Generation process of the waster) Interpretation process of the waster) Interpretation process of the waster) Waster Generation process of the waster Interpretation process of the waster) Interpretation process of the waster) Waster Generation process of the waster Interpretation process of the waster) Interpretation process of the waster) Mark Bottoms Mark Bottoms Interpretation process of the waster) Interpretation process of the waster) Mark Bottoms B - Barrels L - Liquid Y - Yards E - Each Count Try B - Barrels L - Liquid Y - Yards E - Each Mark Bottoms dis (Check the appropriate classification) <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Tank Bottoms INTERNAL USE ONLY OTHER EXEMPT WASTES Gas Plant Waste Truck Washout (Exempt Waste) (Types and generation process of the waste) Gas Plant Waste Internation Internation WASTE GENERATION PROCESS: ID rilling IC completion Internation WASTE GENERATION PROCESS: ID rilling IC completion Internation Mon-Exempt E&P Waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity) Non-Exempt Waste List on back Non-Exempt Cher: B - Barrels L - Liquid Y - Yards E - Each OLANTITY: B - Barrels L - Liquid Y - Yards E - Each Car182 Intereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the abore described waste leads (Check the appropriate classification) R CRA EXEMPT: Oil field waste which is non-hazardous that thes che not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, oil task hazardous Waste Analysis Other (Provide Description Below) MCRA NON-EXEMPT: Oil field waste as non-hazardous that thash check the appropriate tox submits as defined by 40 CFR, part 261, subpart D, as amended. The following documentation of non-hazardous waste as defined b	U U					
Gas Plant Waste					OTHER EXEMPT V	VASTES
WaSTE GENERATION PROCESS: Drilling Completion Production Cathenia Lines Automatication and Automatication Automatication and Automatication Auto		Truck Wash	out (Exempt Waste)		(Types and general	tion process of the waste)
Non-Exempt E&P waste muste be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity). Non-Exempt Other:		3: D Drilling	Completion	Prod	uction	Gathering Lines
All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity) Non-Exempt Other:						
Non-Exempt Other:						
QUANTITY:	(All non-ex	empt E&P waste must be analyz	ed and be below the threshold li	imits for toxicity (TC	P), ignition, corrosiven	ess, and reactivity.)
Lerge I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) RCRA EXEMPT: Of field waste generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. Cacepts certifications on a per month only basis.) RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.) Other (Provide Description Below) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) MERGENCY NON-OLLFIELD: Emergency non-hazardous, non-olifield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.) (PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE MAD Interview MAD Interview	Non-Exempt Other:				m Non-Exempt Waste	List on back
I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) I new propriate load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.) RCRA EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulation, 40 CPR 261.21-261.24, or listed hazardous waste as defined by 40 CPR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) MSDS Information RCRA description of the waste must accompany this form.) SIGNATURE MSDS Information DATE SIGNATURE MSD INFORMER DATE SIGNATURE	QUANTITY:	B - Barrels	L - Liqu	id <u> </u>	Y - Yards	E - Each
I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) I new propriate load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.) RCRA EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulation, 40 CPR 261.21-261.24, or listed hazardous waste as defined by 40 CPR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) MSDS Information RCRA description of the waste must accompany this form.) SIGNATURE MSDS Information DATE SIGNATURE MSD INFORMER DATE SIGNATURE						
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Instruction in accepts certifications on a per month only basis.) RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.) (PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE GMI SIGNATURE MATE SIGNATURE			Recovery Act (RCRA) and the L	JS Environmental P	rotection Agency's July	1988 regulatory determination, the above
accepts certifications on a per month only basis.) RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.) (PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE GMI		Oil field wastes generated fro	m oil and gas exploration and p	production operation	s and are not mixed w	ith non-exempt waste. (Gandy Marley, Inc.
regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.) (PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE GMI GMI		accepts certifications on a per	r month only basis.)			
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EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazard- ous waste determination and a description of the waste must accompany this form.) (PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE GMI						as amended. The following documentation
Ous waste determination and a description of the waste must accompany this form.) (PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE	MSDS Info	rmation	RCRA Hazardous Wa	aste Analysis	🖸 Ot	her (Provide Description Below)
Ous waste determination and a description of the waste must accompany this form.) (PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE						
(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE	EMERGENCY NON-OILFIELD					(The order, documentation of non-hazard-
Kinberly Mushy 115:20 GMI Humberly Murshy		ous waste determination and	a description of the waste must	accompany this for	n.)	
Kinberly Mushy 115:20 GMI Humberly Thirshy						
Kinberly Mushy 115:20 GMI Humberly Thirshy		ENTS SIGNATURE	DATE			SIGNATURE
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1 HIGHING I WA DING I I S & THE WORK I PARTY MA	de 1 1					V. A. A. M. A.
1 HIGHING I WA DING I I Save I would I MARDING	Hundreda 11	wither 11-	5:20	GM	1	antiquetas l'here the
	NAME (PRINT)	D/	ATE		1.11	SIGNATURE

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Received by OCD: 11/24		-HAZARDOUS OILFIELD WASTE	MANIFEST / DISPOS	SAL TICKET Company Man Contact Information
GA				Name
YV <u>linc</u> .	3331	GENERATO	D	Phone No
				MG4 #1
Operator No Operators Name	AVA		Lease/Well	116361 111
Operators Name	12XP	and the second	and the second	
Address			County	
			API No	
City, State, Zip			Rig Name & No	
Phone No			AFE/PO No	
TRUCK TI	ME STAMP	DISPOSAL FAC		RECEIVING AREA
	DUT:			Name/No.
1				Name/No
Site Name / Permit No. <u>Com</u>	mercial Landfarm (NM-711-	1-0020)	Phone No. 575-3	47-0434
Address P.O. Box 1658 Ro				
NORM Readings T			If YES, was readir	ng > 50 micro roentgens? (Circle One) YES NO
Pass the Paint Filte	er Test? (Circle One) YES	NO	-FD	
	I what the	TRANSPORT		
Transporter's Name				
Address				
			Phone No	2 - 11/2/2
Phone No				elivered without incident to the disposal facility listed below
nereby certify that the above i	named material(s) was/were pl	cked up at the Generator's site	listed above and d	envered without incident to the disposal facility listed below
SHIPMENT DATE	DRIVER'S SIGNATU	IDE	DELIVERY DA	ATE DRIVER'S SIGNATURE
			olume next to wa	aste type in barrels or cubic yards)
Dil Based Muds Dil Based Cuttings		CTABLE WATERS ater (Non-Injectable)		INJECTABLE WATERS Washout Water (Injectable)
Vater Based Muds		Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)
Nater Based Cuttings		Vater (Non-Injectable)		Produced Water (Injectable)
Produced Formation Solids		ine Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL I		A TRANSPORT	OTHER EXEMPT WASTES (Types and generation process of the waste)
E&P Contaminated Soil Gas Plant Waste	Iruck Wash	out (Exempt Waste)		(Types and generation process of the waste)
WASTE GENERATION PROCES	S: Drilling	Completion	🗆 Produ	uction Gathering Lines
(All non-e		empt E&P Waste/Service Ide		Amount P), ignition, corrosiveness, and reactivity.)
			-9	n Non-Exempt Waste List on back
QUANTITY:	B - Barrels	L - Liqui	- <u></u>	Y - Yards E - Each
		C-138		
hereby partify that paperslips to	the Descures Conservation and	and the second	C. Environmental Dro	staction Assessed July 1988 regulatory determination, the above
lescribed waste load is (Check th		Recovery Act (RCRA) and the O	S Environmental Pro	ptection Agency's July 1988 regulatory determination, the above
RCRA EXEMPT:	Oil field wastes generated fro accepts certifications on a pe		oduction operations	and are not mixed with non-exempt waste. (Gandy Marley, Inc
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-2	61.24, or listed hazardous waste a	as defined by 40 CFF	ards for waste hazardous by characteristics established in RCR/ R, part 261, subpart D, as amended. The following documentation
MSDS Inf		non-hazardous is attached. (Checl RCRA Hazardous Wa		ms as provided.) Other (Provide Description Below)
	ormation	HCHA Hazardous was	ste Analysis	
		a description of the waste must a		tment of Public Safety. (The order, documentation of non-hazard n.)
(PRINT) AUTHORIZED AG	GENTS SIGNATURE	DATE		SIGNATURE
				alt 1 from
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NAME (PRINT)	- my ny	ATE	TITLE	- Therewere the state
Released to Imaging: 4/9			IIILE	SUPERIOR PRINTING SERVICE, INC

SUPERIOR PRINTING SERVICE, INC.

Operators Name Name & No. Address County Address County API No. Rig Name & No. City, State, Zip Rig Name & No. Phone No. AFE/PO No. In: OUT: IN: OUT: Site Name / Permit No. Commercial Landfarm (NM-711-1-0020) Phone No. FASS Address P.O. Box 1658 Roswell, NM 88202 NORM Readings Taken? (Circle One) YES Pass the Paint Filter Test? (Circle One) YES Pass the Paint Filter Test? (Circle One) YES Phone No. Transporter's Name Address Print Name Phone No. Truck No. I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and d SHIPMENT DATE DRIVER'S SIGNATURE Oil Based Muds Completion Filuid/Flowback (Non-injectable) Water Based Muds Completion Filuid/Flowback (Non-injectable) Produced Formation Solids Gathering Line Water/Waste (Non-injectable) Water Based Muds Completion Filuid/Flowback (Non-injectable) Produced Formation Solids Gather	SAL TICKET Company Man Contact Information
Operators No.	Name
operator No.	Phone No
parators Name	May #1
ddress	
API NO.	
ty, State, Zip	
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TRUCK TIME STAMP N: OUT; iten Name / Permit No. Commercial Landfarm (NM-7111-0020) Phone No. 575-3 idress P.O. Box 1658 Roswell, NM 88202 NO MORM Readings Taken? (Circle One) YES NO Pass the Paint Filter Test? (Circle One) YES NO mapporter's Name	
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ddress P.O. Box 1658 Roswell, NM 88202 NORM Readings Taken? (Circle One) YES NO Pass the Paint Filter Test? (Circle One) YES NO mapporter's Name	Name/No
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ansporter's Name	ng > 50 micro roentgens? (Circle One) YES NC
ansporter's Name Driver's Name ddress Print Name hone No	
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Phone No.	
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hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and of SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE Based Muds NON-INJECTABLE WATERS Washout Water (Non-Injectable) Image: Completion Fluid/Flowback (Non-Injectable) Ide Based Cuttings NON-INJECTABLE WATERS Washout Water (Non-Injectable) Image: Completion Fluid/Flowback (Non-Injectable) ater Based Muds Completion Fluid/Flowback (Non-Injectable) Image: Completion Fluid/Flowback (Non-Injectable) Image: Completion Fluid/Flowback (Non-Injectable) ater Based Muds Completion Fluid/Flowback (Non-Injectable) Image: Completion Fluid/Flowback (Non-Injectable) Image: Completion Fluid/Flowback (Non-Injectable) ater Based Nuds Completion Fluid/Flowback (Non-Injectable) Image: Completion Fluid/Flowback (Non-Injectable) Image: Completion Fluid/Flowback (Non-Injectable) Atter Based Solid Truck Washout (Exempt Waste) Image: Completion Fluid/Flowback (Non-Injectable) Image: Completion Fluid/Flowback (Non-Inje	2
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Exempt E&P Waste/Service Identification and Amount (Place volume next to waste ideased Muds NON-INJECTABLE WATERS II Based Cuttings NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flowback (Non-Injectable) Jater Based Cuttings Completion Fluid/Flowback (Non-Injectable) Jater Based Cuttings Gathering Line Water (Non-Injectable) Jater Based Cuttings Gathering Line Water (Naste (Non-Injectable)) Jater Based Soil INTERNAL USE ONLY & Contaminated Soil INTERNAL USE ONLY & Ponduce Process: Drilling Completion Produce ASTE GENERATION PROCESS: Drilling CASTE GENERATION PROCESS: Drilling	ATE DRIVER'S SIGNATURE
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Atter Based Cuttings Produced Water (Non-Injectable) roduced Formation Solids Gathering Line Water/Waste (Non-Injectable) ank Bottoms INTERNAL USE ONLY &P Contaminated Soil Truck Washout (Exempt Waste) as Plant Waste INTERNAL USE ONLY /ASTE GENERATION PROCESS: Drilling /ASTE GENERATION Produced Waster /ASTE GENERATION Produced Waster /ASTE GENERATION:	Washout Water (Injectable) Completion Fluid/Flowback (Injectable)
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&P Contaminated Soil	Gathering Line Water/Waste (Injectable)
Aste Blant Waste Aste GENERATION PROCESS: Drilling Completion Comp	OTHER EXEMPT WASTES (Types and generation process of the waste)
WASTE GENERATION PROCESS: Drilling Completion Production Non-Exempt E&P Waste/Service Identification and A (All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCL Ion-Exempt Other: *Please select from (NANTITY: B - Barrels L - Liquid INDEXPENDENT Constrained by the Resource Conservation and Recovery Act (RCRA) and the US Environmental Procescribed waste load is (Check the appropriate classification) RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations accepts certifications on a per month only basis. RCRA NON-EXEMPT: Oil field wastes which is non-hazardous that does not exceed the minimum standa regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFF demonstrating the waste as non-hazardous waste as defined by 40 CFF demonstrating the waste as non-hazardous waste as defined by 40 CFF demonstrating the waste as non-hazardous waste as defined by 40 CFF demonstrating the waste as non-hazardous waste as defined by 40 CFF demonstrating the waste as non-hazardous waste as defined by 40 CFF demonstrating the waste as non-hazardous waste as defined by 40 CFF demonstrating the waste as non-hazardous waste as defined by 40 CFF MSDS Information RCRA Hazardous Waste Analysis EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Depart ous waste determination and a description of the waste must accompany this form	(Types and generation process of the waste)
(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCL. Ion-Exempt Other: *Please select from (DUANTITY:	uction Gathering Lines
Ion-Exempt Other:	Amount
NUANTITY:	.P), ignition, corrosiveness, and reactivity.)
C-138 hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Processribed waste load is (Check the appropriate classification) RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations accepts certifications on a per month only basis.) RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standar regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFF demonstrating the waste as non-hazardous is attached. (Check the appropriate iter MSDS Information RCRA Hazardous Waste Analysis EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Depart ous waste determination and a description of the waste must accompany this form	n Non-Exempt Waste List on back
hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Processribed waste load is (Check the appropriate classification) RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations accepts certifications on a per month only basis.) RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standa regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFF demonstrating the waste as non-hazardous is attached. (Check the appropriate iter MSDS Information RCRA Hazardous Waste Analysis EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Depart ous waste determination and a description of the waste must accompany this form	Y - Yards E - Each
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regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFF demonstrating the waste as non-hazardous is attached. (Check the appropriate iter MSDS Information RCRA Hazardous Waste Analysis EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Depart ous waste determination and a description of the waste must accompany this form	s and are not mixed with non-exempt waste. (damay maney, inc
MSDS Information RCRA Hazardous Waste Analysis EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Depart ous waste determination and a description of the waste must accompany this form	R, part 261, subpart D, as amended. The following documentation
ous waste determination and a description of the waste must accompany this form	Other (Provide Description Below)
(PRINT) AUTHORIZED AGENTS SIGNATURE DATE	
	SIGNATURE
	at I att I
GM	Bundstalue / houston
NAME (PRINT) DATE TITLE	E SIGNATURE

Received by OCD: 11/24/					Page 102 of 140
G		HAZARDOUS OILFIELD WASTE	MANIFEST / DISPO	JSAL TICKET	Company Man Contact Information Name
YV inc.	3327	8			Phone No.
		GENERATO			
Operator No			Location of Origi	n ////5/	[#]
Operator No Operators Name	BXP				
Address					
City, State, Zip					
Phone No.			AFE/PO No		
TRUCK TIN	ME STAMP	DISPOSAL FAC		B	ECEIVING AREA
31-30					1-1-1/1/1/
IN:O	JT:			Name/No.	LANDETTI
Site Name / Permit No. Comr	nercial Landfarm (NM-711-	1-0020)	Phone No. 575-	347-0434	
Address P.O. Box 1658 Ros					
NORM Readings Ta		NO	If YES, was read	ing > 50 micro roent	gens? (Circle One) YES NO
	r Test? (Circle One) YES	NO		Ŭ.	
	11 Martin	TRANSPOR	TER		
Transporter's Name	LTP		Driver's Name		
Address					
Phone No.			Truck No.	2-1161	
					dent to the disposal facility listed below.
Thereby contry that the above h			notod aboro and		
SHIPMENT DATE	DRIVER'S SIGNATU	IRF	DELIVERY D	ATE	DRIVER'S SIGNATURE
	E&P Waste/Service Identific		folume next to w		
Oil Based Muds		TABLE WATERS		INJECTABLE WAT	
•		iter (Non-Injectable) Fluid/Flowback (Non-Injectable)	and the second second	Washout Water (Inj	Flowback (Injectable)
Water Based Cuttings		ater (Non-Injectable)		Produced Water (Ir	
		ne Water/Waste (Non-Injectable)			ter/Waste (Injectable)
Tank Bottoms	INTERNAL U			OTHER EXEMPT V	VASTES
Gas Plant Waste	ITUCK Washe	out (Exempt Waste)		(i)poo ana gonora	
WASTE GENERATION PROCESS	: Drilling	Completion	🛛 Prod	uction	Gathering Lines
		mpt E&P Waste/Service Id			
에는 것같이 다 나는 것은 것을 주도 것	empt E&P waste must be analyze		mits for toxicity (IC	LP), ignition, corrosiven	ess, and reactivity.)
Non-Exempt Other:			*Please select fro	m Non-Exempt Waste I	List on back
QUANTITY:	B - Barrels	L - Liqui	d	Y - Yards	E - Each
		<u>C-138</u>			
		Recovery Act (RCRA) and the L	JS Environmental P	rotection Agency's July	1988 regulatory determination, the above
described waste load is (Check the	e appropriate classification)				
RCRA EXEMPT:	Oil field wastes generated from accepts certifications on a per		roduction operation	is and are not mixed w	ith non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:	Oil field waste which is non-h	azardous that does not exceed	the minimum stand	ards for waste bazardo	ous by characteristics established in RCRA
	regulations, 40 CFR 261.21-26	51.24, or listed hazardous waste	as defined by 40 CF	R, part 261, subpart D,	as amended. The following documentation
	demonstrating the waste as no	on-hazardous is attached. (Chec	k the appropriate it	ems as provided.)	
MSDS Info	rmation	RCRA Hazardous Wa	ste Analysis	Ot Ot	her (Provide Description Below)
EMERGENCY NON-OILFIELD					(The order, documentation of non-hazard-
	ous waste determination and	a description of the waste must a	accompany this for	n.)	
(PRINT) AUTHORIZED AG	ENTS SIGNATURE	DATE			SIGNATURE
1 1 1 1					11 - A MARINA
Righerty 14	Billet 11-	4:20	GN	11	Land state / huderbar
NAME (PRINT)	D/	VTE	TITL	E	SIGNATURE
The T is the 100	10 0 0 1 0 0 0 0 1 TO T F				

Received by OCD: 11/24/20	120 8:29:16 AM	HAZARDOUS OILFIELD WASTE	MANIFEST / DISPO	SAL TICKET	Page 103 of 140 Company Man Contact Information
GA					Name
YV inc.	3326	8			Phone No
A CONTRACT OF A		GENERATO	DR Location of Origin	ma	11 #1
Operator No Operators Name	200		Lease/Well	110	L TI
Operators Name	2XP		Name & No		
Address			County		
			API No		<u></u>
City, State, Zip					
Phone No			AFE/PO No		
TRUCK TIME	E STAMP	DISPOSAL FAC		R	ECEIVING AREA
IN: 10:1311 OUT	Г:			Name/No	Landfill
Site Name / Permit No. Comme	ercial Landfarm (NM-711-1	1-0020)	Phone No. 575-3	347-0434	
Address P.O. Box 1658 Rosw					그는 가슴을 물러 갔는 가슴을 다 나는 것이 있는 것이 없다. 나는 것이 같은 것이 같이 있는 것이 같이 있는 것이 같이 있는 것이 없는 것이 없는 것이 없다. 말한 것이 없는 것이 없 것이 없
NORM Readings Take		NO	If YES, was readi	ng > 50 micro roent	gens? (Circle One) YES NO
Pass the Paint Filter To	est? (Circle One) YES	NO			
Transporter's Name	1 F	TRANSPOR	the second s		
Address					
			Phone No	3-1117	
Phone No					dent to the disposal facility listed below.
			11-4-3	10 - 4 14	1 ha
SHIPMENT DATE	DRIVER'S SIGNATU	IRE	DELIVERY D.	ATE	DRIVER'S SIGNATURE
Exempt E&	P Waste/Service Identific	ation and Amount (Place v	volume next to w	aste type in barrel	s or cubic yards)
Oil Based Muds	<u>NON-INJEC</u>	TABLE WATERS		INJECTABLE WAT	ERS
Oil Based Cuttings		ter (Non-Injectable)		Washout Water (In	
Water Based Muds Water Based Cuttings		Fluid/Flowback (Non-Injectable) ater (Non-Injectable)		Produced Water (I	Flowback (Injectable)
Produced Formation Solids	Gathering Li	ne Water/Waste (Non-Injectable)		Gathering Line Wa	iter/Waste (Injectable)
Tank Bottoms E&P Contaminated Soil	INTERNAL L	JSE ONLY out (Exempt Waste)		OTHER EXEMPT V (Types and general	tion process of the waste)
Gas Plant Waste	Huok Washe		T BUSHIN		
WASTE GENERATION PROCESS:	Drilling	Completion	🗆 Produ	uction	Gathering Lines
(All non-exem		mpt E&P Waste/Service Id ed and be below the threshold li			ness, and reactivity.)
Non-Exempt Other:			*Please select from	n Non-Exempt Waste	List on back
	B - Barrels			Y - Yards	E - Each
		2 2190			
		<u>C-138</u>			
		Recovery Act (RCRA) and the L	JS Environmental Pr	otection Agency's July	/ 1988 regulatory determination, the above
described waste load is (Check the a					
	accepts certifications on a per		roduction operations	s and are not mixed w	ith non-exempt waste. (Gandy Marley, Inc.
	regulations, 40 CFR 261.21-26	1.24, or listed hazardous waste	as defined by 40 CFI	R, part 261, subpart D,	ous by characteristics established in RCRA as amended. The following documentation
		on-hazardous is attached. (Chec			
MSDS Inform	lation	RCRA Hazardous Wa	iste Analysis	L Ot	her (Provide Description Below)
		on-oilfield waste that has been o a description of the waste must a			. (The order, documentation of non-hazard-
(PRINT) AUTHORIZED AGEN	13 SIGNATURE	DATE			SIGNATURE
					al + 1 and 1
Kinhacht It	heat, 1	1-11-20	GM		Kien Irach . Then
NAME (PRINT)	DA	TE	TITLE		SIGNATURE
	DA	the second se		the second s	C. G. G. G. G. L.

Released to Imaging: 4/9/2021 3:37:04 PM

Received by OCD: 11/24/2		HAZARDOUS OILFIELD WASTE		OSAL TICKET	Page 104 of 140 Company Man Contact Information
G			WANFEST / DISP	USAL HCKET	Name
YVL inc.	3331	7			Phone No
		GENERATO	DR	in	1 # 1
Operator No Operators Name			Lease/Well	jin <u>161</u>	1 77 /
Operators Name	13XP		Name & No		
Address			County		
		the second second			
City, State, Zip			Rig Name & No.		
Phone No			AFE/PO No		
TRUCK TIM	1E STAMP	DISPOSAL FAC	CILITY	R	ECEIVING AREA
IN: 3:04017 OL	ЛТ:			Name/No	Landfill
Site Name / Permit No. Comm	nercial Landfarm (NM-711-	1-0020)	Phone No. 575	-347-0434	
Address P.O. Box 1658 Rosy					
NORM Readings Tak	ken? (Circle One) YES	NO	If YES, was read	ding > 50 micro roen	tgens? (Circle One) YES NO
Pass the Paint Filter	Test? (Circle One) YES	NO	TED		
Transporter's Name	1F	TRANSPOR	IER		
Address					
			Phone No	3-1123	a second s
Phone No					ident to the disposal facility listed below.
Thereby certify that the above he	med materials, was were pre				
SHIPMENT DATE	DRIVER'S SIGNATU	IRE	DELIVERY I	DATE	DRIVER'S SIGNATURE
Exempt E	&P Waste/Service Identific	cation and Amount (Place v	volume next to v		
Oil Based Muds		TABLE WATERS		INJECTABLE WAT	
Oil Based Cuttings	Washout Wa	ater (Non-Injectable)		Washout Water (Ir	
		Fluid/Flowback (Non-Injectable)			Flowback (Injectable)
		ater (Non-Injectable) ne Water/Waste (Non-Injectable))	Produced Water (Gathering Line Wa	ater/Waste (Injectable)
Tank Bottoms	INTERNAL U	JSE ONLY		OTHER EXEMPT	WASTES
E&P Contaminated Soil _ Gas Plant Waste _	Truck Washo	out (Exempt Waste)		(Types and genera	ation process of the waste)
WASTE GENERATION PROCESS		Completion	D Proc	duction	Gathering Lines
	Non-Exe	mpt E&P Waste/Service Id	entification and	l Amount	
(All non-exe	empt E&P waste must be analyz	ed and be below the threshold li	mits for toxicity (TC	CLP), ignition, corrosive	ness, and reactivity.)
Non-Exempt Other:			*Please select fro	om Non-Exempt Waste	List on back
QUANTITY:	B - Barrels	L - Liqu	id	Y - Yards	E - Each
		<u>C-138</u>			
I hereby certify that according to the described waste load is (Check the		Recovery Act (RCRA) and the L	JS Environmental F	Protection Agency's Jul	y 1988 regulatory determination, the above
			roduction operation	ns and are not mixed v	vith non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-26	61.24, or listed hazardous waste	as defined by 40 C	FR, part 261, subpart D	ous by characteristics established in RCRA , as amended. The following documentation
MSDS Infor		on-hazardous is attached. (Chec			ther (Provide Description Below)
EMERGENCY NON-OILFIELD:		on-oilfield waste that has been c a description of the waste must			y. (The order, documentation of non-hazard-
(PRINT) AUTHORIZED AGE	ENTS SIGNATURE	DATE			SIGNATURE
14/1/1					VI CAR S
Kiesherhi 11	Wisher 11-	5:20	GN	VII ()	Compared 1 1112 Start
NAME (PRINT)		ATE	TITI	LE	SIGNATURE
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Received by OCD: 11/24/2020 8:29:16 AM	HAZARDOUS OILFIELD WASTE		OSAL TICKET Company Man Contact Information
G.	HAZANDOUS OILFIELD WASTE	MANIFEST / DISP	Name
W _inc 3327	1		Phone No
	GENERATO		
Operator No.		Location of Orig Lease/Well	in Mod #1
Operator No			
Address			
City, State, Zip			
Phone No		AFE/PO No	
TRUCK TIME STAMP	DISPOSAL FAC		RECEIVING AREA
IN:OUT:			Name/No
	0020)		the second s
Site Name / Permit No. Commercial Landfarm (NM-711-	1-0020)	Phone No 575-	-347-0434
Address P.O. Box 1658 Roswell, NM 88202	NO		
NORM Readings Taken? (Circle One) YES Pass the Paint Filter Test? (Circle One) YES	NO NO	If YES, was read	ling > 50 micro roentgens? (Circle One) YES NO
	TRANSPOR	TER	
Transporter's Name	and the second	the second s	
Address			
		Phone No	3-1118
Phone No			
Thereby certify that the above hamed material(s) was/were pic	ked up at the Generator's site	listed above and	delivered without incident to the disposal facility listed below.
		1170	V X May flow
SHIPMENT DATE DRIVER'S SIGNATU		DELIVERY D	
Exempt E&P Waste/Service Identific	cation and Amount (Place v	olume next to w	vaste type in barrels or cubic yards)
	TABLE WATERS		INJECTABLE WATERS
	ter (Non-Injectable)		Washout Water (Injectable)
	Fluid/Flowback (Non-Injectable) ater (Non-Injectable)		Completion Fluid/Flowback (Injectable) Produced Water (Injectable)
	ne Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)
Tank Bottoms INTERNAL L			OTHER EXEMPT WASTES
	out (Exempt Waste)		(Types and generation process of the waste)
Gas Plant Waste			
WASTE GENERATION PROCESS: Drilling	Completion	Proc	luction Gathering Lines
	mpt E&P Waste/Service Id		
(All non-exempt E&P waste must be analyz			
Non-Exempt Other:		*Please select fro	om Non-Exempt Waste List on back
QUANTITY: B - Barrels	L - Liqui	d	Y - Yards E - Each
	0.400		
	<u>C-138</u>		
I hereby certify that according to the Resource Conservation and described waste load is (Check the appropriate classification)	Recovery Act (RCRA) and the L	IS Environmental P	rotection Agency's July 1988 regulatory determination, the above
Gil field wastes generated fro		roduction operatior	is and are not mixed with non-exempt waste. (Gandy Marley, Inc.
	azardous that does not exceed		lards for waste hazardous by characteristics established in RCRA
	61.24, or listed hazardous waste a on-hazardous is attached. (Chec		FR, part 261, subpart D, as amended. The following documentation ems as provided.)
MSDS Information	RCRA Hazardous Wa	ste Analysis	Other (Provide Description Below)
	on-oilfield waste that has been o a description of the waste must a		irtment of Public Safety. (The order, documentation of non-hazard- m.)
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE		SIGNATURE
he had been here here here here here here here h			Al'I All I
Kimberly Murshy 11-5	1-20	GN	11 Kindyrly / Writhy
	πe	TITL	· · · · · · · · · · · · · · · · · · ·
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Received by OCD: 11/24/2				Page 106 of 14
6.	NEW MEXICO NON-	HAZARDOUS OILFIELD WASTE	MANIFEST / DISP	POSAL TICKET Company Man Contact Information Name
Minc.	3327	9		Phone No
	10 10 24 F	GENERATO	<u>OR</u>	19 1
Operator No			Location of Orig	gin //// 7//
Operators Name	OXP			
Address			County	
		The second s		
City, State, Zip				
Phone No				
TRUCK TIN	IE STAMP	DISPOSAL FA	CILITY	RECEIVING AREA
IN: 3:04019 OU	JT:			Name/No
		0020)	51	
Site Name / Permit No. <u>Comm</u> Address <u>P.O. Box 1658 Ros</u>		1-0020)	Phone No. 575	
NORM Readings Tal		NO	If YES, was read	ding > 50 micro roentgens? (Circle One) YES NO
	Test? (Circle One) YES	NO		
1	Ir	TRANSPOR	the second s	
Transporter's Name				
Address		the second second		
			Phone No Truck No	2 - 11/4
Phone No				d delivered without incident to the disposal facility listed below.
	inter materially wateriers pro		H-11-	25 11/1
SHIPMENT DATE	DRIVER'S SIGNATU	IRE	DELIVERY	DATE DRIVER'S SIGNATURE
Exempt E	&P Waste/Service Identific	ation and Amount (Place	volume next to v	waste type in barrels or cubic yards)
Oil Based Muds	NON-INJEC	TABLE WATERS		INJECTABLE WATERS
Oil Based Cuttings		iter (Non-Injectable) Fluid/Flowback (Non-Injectable)		Washout Water (Injectable) Completion Fluid/Flowback (Injectable)
		ater (Non-Injectable)		Produced Water (Injectable)
	Gathering Li	ne Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms _ E&P Contaminated Soil		out (Exempt Waste)		(Types and generation process of the waste)
Gas Plant Waste				1
WASTE GENERATION PROCESS	: Drilling	Completion	C Pro	duction Gathering Lines
	Non-Exe	mpt E&P Waste/Service Id	entification and	d Amount
(All non-ex	empt E&P waste must be analyze	ed and be below the threshold li	imits for toxicity (TC	CLP), ignition, corrosiveness, and reactivity.)
Non-Exempt Other:				rom Non-Exempt Waste List on back
QUANTITY:	B - Barrels	L - Liqu	id	Y - Yards E - Each
		C-138		
I hereby certify that according to t	the Resource Concentration and	The second s	IS Environmental	Protection Agency's July 1988 regulatory determination, the above
described waste load is (Check the		Recovery Act (RCRA) and the t	JS Environmentar r	Protection Agency's July 1966 regulatory determination, the above
RCRA EXEMPT:	Oil field wastes generated from accepts certifications on a per		production operatio	ons and are not mixed with non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:	Oil field waste which is non-h	azardous that does not exceed		ndards for waste hazardous by characteristics established in RCRA CFR, part 261, subpart D, as amended. The following documentation
		on-hazardous is attached. (Cheo		
MSDS Info	rmation	RCRA Hazardous Wa	aste Analysis	Other (Provide Description Below)
	· Emergency non-hazardous, n	on-oilfield waste that has been a	ordered by the Den	partment of Public Safety. (The order, documentation of non-hazard-
		a description of the waste must		
(PRINT) AUTHORIZED AG	ENTS SIGNATURE	DATE		SIGNATURE
				and the second second
hinter li A	and a share	1.20	GI	MI
NAME (PRINT)		ATE	ТІТ	1 1 LAND MATERY I LA COMPANY
Released to Imaging: 4/9/				

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Received by OCD: 11/24/2				DAL FICKET	Page 107 of 140
G	NEW MEXICO NON-	HAZARDOUS OILFIELD WASTE	MANIFEST / DISPO	JSAL HCKET	Company Man Contact Information Name
YVL inc.	3329	4			Phone No
PYP		GENERATO	<u>)R</u> Location of Origi	n MGUII	
Operator No			Lease/Well	7:00	
Operators Name				and the second second second	
Address					
NAMES OF STREET, AND ADDREED BY STREET					
City, State, Zip					
Phone No	2.0142.0112.120				
TRUCK TIN	IE STAMP	DISPOSAL FAC		RE	CEIVING AREA
IN:O	JT:			Name/No.	ad 11
Site Name / Permit No. Comr	nercial Landfarm (NM-711-	1-0020)	Phone No575-		
Address P.O. Box 1658 Ros					
NORM Readings Ta		NO	If YES, was read	ing > 50 micro roentg	ens? (Circle One) YES NO
Pass the Paint Filter	Test? (Circle One) YES	NO			
10	F	TRANSPORT			
Transporter's Name					
Address					
			Phone No	7	
Phone No			Truck No.	dolivered without incid	ent to the disposal facility listed below.
Thereby certify that the above h	amed material(s) wasrwere pic	Red up at the Generator's site	insted above and	denvered without inclu	ent to the disposal facility listed below.
SHIPMENT DATE	DRIVER'S SIGNATU	JRE	DELIVERY D	DATE	DRIVER'S SIGNATURE
		cation and Amount (Place v			
Oil Based Muds		TABLE WATERS		INJECTABLE WATE	
Oil Based Cuttings	Washout Wa	ater (Non-Injectable)		Washout Water (Inje	ectable)
Water Based Muds		Fluid/Flowback (Non-Injectable) ater (Non-Injectable)		Completion Fluid/Fl Produced Water (In	
Produced Formation Solids		ne Water/Waste (Non-Injectable)			er/Waste (Injectable)
Tank Bottoms	INTERNAL U		· · · · · · · · · · · · · · · · · · ·	OTHER EXEMPT W	ASTES on process of the waste)
E&P Contaminated Soil . Gas Plant Waste .	Iruck Wash	out (Exempt Waste)			on process of the waster
WASTE GENERATION PROCESS	: 🗆 Drilling	Completion	🖵 Prod	uction	Gathering Lines
	Non-Exe	mpt E&P Waste/Service Ide	entification and	Amount	
(All non-ex		ed and be below the threshold lir			ess, and reactivity.)
Non-Exempt Other:			*Please select fro	m Non-Exempt Waste L	ist on back
QUANTITY:	B - Barrels	L - Liqui	d	Y - Yards	E - Each
		<u>C-138</u>			
I hereby certify that according to the described waste load is (Check the		Recovery Act (RCRA) and the U	IS Environmental P	rotection Agency's July	1988 regulatory determination, the above
RCRA EXEMPT:			roduction operation	is and are not mixed wit	h non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-20	61.24, or listed hazardous waste a	as defined by 40 CF	R, part 261, subpart D, a	us by characteristics established in RCRA as amended. The following documentation
		on-hazardous is attached. (Chec			er (Provide Description Below)
MSDS Info	rmation	RCRA Hazardous Wa	ste Analysis		er (Provide Description Below)
EMERGENCY NON-OILFIELD		on-oilfield waste that has been o a description of the waste must a			(The order, documentation of non-hazard-
(PRINT) AUTHORIZED AG	ENTS SIGNATURE	DATE			SIGNATURE
All it		10			
1 a cillion	107	A	GN		C. L. C. L. M.
NAME (PRINT)	D/	NTE	TITL	E	SIGNATURE

Received by OCD: 11/24/2020 8:29:16 AM	NON-HAZARDOUS OILFIELD WASTE			Page 108 of 14 ompany Man Contact Information
G		E MANIFEST / DISPO		
VL inc. 33	265		Phone	e No
	GENERAT	the second se	MAN II	41
Operator No		Location of Origi	- Mbll	++ /
Operator No				
Address				
City, State, Zip				
Phone No				1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
TRUCK TIME STAMP	DISPOSAL FA	CILITY	RECEIV	NG AREA
IN:OUT:			Nome/No	ad fill
IN:OUT:			Name/No	aar 111
Site Name / Permit No. Commercial Landfarm (NM-	711-1-0020)	Phone No. 575-	347-0434	
Address P.O. Box 1658 Roswell, NM 88202				
NORM Readings Taken? (Circle One) YE	S NO	If YES, was readi	ng > 50 micro roentgens? (0	Circle One) YES NO
Pass the Paint Filter Test? (Circle One) YE				
States to LE	TRANSPOR	<u>TER</u>		
Transporter's Name		Driver's Name		
Address		Print Name		
		Phone No.		
Phone No.		Truck No.	2-1160	and a second
I hereby certify that the above named material(s) was/we	re picked up at the Generator's site			he disposal facility listed below.
		11-4-2	0 x	
SHIPMENT DATE DRIVER'S SIG	INATURE	DELIVERY D	ATE DRI	VER'S SIGNATURE
Exempt E&P Waste/Service Ide	ntification and Amount (Place	volume next to w	aste type in barrels or cub	ic yards)
	NJECTABLE WATERS		INJECTABLE WATERS	
	out Water (Non-Injectable)		Washout Water (Injectable)	1969 196 <u>7 - 1968</u>
	etion Fluid/Flowback (Non-Injectable)	n <u></u>	Completion Fluid/Flowback	(Injectable)
Water Based Cuttings Produc	ced Water (Non-Injectable)		Produced Water (Injectable)	
	ing Line Water/Waste (Non-Injectable	e)	Gathering Line Water/Waste	e (Injectable)
	NAL USE ONLY		OTHER EXEMPT WASTES (Types and generation proce	
E&P Contaminated Soil Truck V Gas Plant Waste	Washout (Exempt Waste)		(Types and generation proce	
WASTE GENERATION PROCESS: D Drilling	Completion	Prod	uction D	Gathering Lines
	-Exempt E&P Waste/Service Id			
(All non-exempt E&P waste must be a	inalyzed and be below the threshold I	imits for toxicity (TCI	P), ignition, corrosiveness, and	reactivity.)
Non-Exempt Other:		*Please select from	n Non-Exempt Waste List on ba	ick
QUANTITY: B - Bar	rels L - Liqu	id	Y - Yards	E - Each
	<u>C-138</u>			
I hereby certify that according to the Resource Conservation		US Environmental Pr	otection Agency's July 1988 re	gulatory determination, the above
described waste load is (Check the appropriate classification)				
	ed from oil and gas exploration and p a per month only basis.)	production operation	and are not mixed with non-e	xempt waste. (Gandy Marley, Inc.
	non-hazardous that does not exceed 21-261.24, or listed hazardous waste			
	as non-hazardous is attached. (Cheo			
MSDS Information	RCRA Hazardous Wa	aste Analysis	Other (Provi	de Description Below)
EMERGENCY NON-OILFIELD: Emergency non-hazardo	us, non-oilfield waste that has been o	ordered by the Depa	ment of Public Safety. (The ord	er, documentation of non-hazard-
	and a description of the waste must			
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE		SIG	INATURE
			n/r	
Remberly Maarty	1.4.20	GM	Kunt	the Thread
NAME (PRINT)	DATE	TITL	1 10000	SIGNATURE
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Received by OCD: 11/24/2020	0 8:29:16 AM NEW MEXICO NON-	HAZARDOUS OILFIELD WASTE	MANIFEST / DISI	POSAL TICKET	Company Man Co	Page 109 of 1
GA					1e	
YV inc.	3329	GENERAT	OR	Pho	ne No	
				gin		
Operator No						
Operators Name			Name & No		A PARTY OF THE REAL	
Address			County			
			API No			
City, State, Zip			0)		
Phone No			AFE/PO No			
TRUCK TIME S	STAMP	DISPOSAL FA	CILITY	RECEIN	/ING AREA	
IN:OUT: _				Name/No.	34. I A	
		1 0000)				
Site Name / Permit No. Commerci		1-0020)	Phone No. 57	5-347-0434		
ddress P.O. Box 1658 Roswell, NORM Readings Taken?		NO	IF VES was too	ding , E0 miero reentaene?	(Circle One)	YES NO
Pass the Paint Filter Test		NO	II TES, was rea	iding > 50 micro roentgens?	(Circle Offe)	TES INU
i doo tho r differ itor toot		TRANSPOR	TER			
ransporter's Name	A MALLA		man interaction in the			
Address						
hone No				12		
hereby certify that the above named						lity listed below
			11.11-2	0	1 h	-
SHIPMENT DATE	DRIVER'S SIGNATU	JRE	DELIVERY	DATE DF	RIVER'S SIGNATUR	RE
Exempt E&P \	Waste/Service Identific	cation and Amount (Place	volume next to	waste type in barrels or cu	bic vards)	
Dil Based Muds		TABLE WATERS		INJECTABLE WATERS		
Dil Based Cuttings		ater (Non-Injectable)		Washout Water (Injectable)	
the second se		Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowbac		
Vater Based Cuttings Produced Formation Solids		/ater (Non-Injectable) ne Water/Waste (Non-Injectable	·	Produced Water (Injectabl Gathering Line Water/Was	· · · · · · · · · · · · · · · · · · ·	1
ank Bottoms	INTERNAL U)	OTHER EXEMPT WASTES		
&P Contaminated Soil		out (Exempt Waste)		(Types and generation pro		St. Ass. A
Gas Plant Waste						
NASTE GENERATION PROCESS:	Drilling	Completion	🗆 Pro	oduction	I Gathering Lines	
	Non-Exe	mpt E&P Waste/Service Id	entification and	d Amount		
(All non-exempt				CLP), ignition, corrosiveness, an	d reactivity.)	
Ion-Exempt Other:			*Please select fi	rom Non-Exempt Waste List on I	back	
		L - Liqu		Y - Yards		Each
	D · Darreis	L - ciqu				Lach
		C-138				
hereby certify that according to the Re	esource Conservation and	the first second second second	IS Environmental	Protection Agency's July 1988	equilatory determin	ation the above
escribed waste load is (Check the appr		needed y net (ner ny and the s	So Environmentar	roteotion Agency of only 1000 1	egulatory determin	
	field wastes generated fro cepts certifications on a per		production operation	ons and are not mixed with non-	exempt waste. (Ga	andy Marley, Inc
				ndards for waste hazardous by o CFR, part 261, subpart D, as ame		
der	monstrating the waste as n	on-hazardous is attached. (Cheo	ck the appropriate	items as provided.)		
	on	RCRA Hazardous Wa	aste Analysis	Other (Pro	vide Description B	elow)
MSDS Information						
MSDS Information						
EMERGENCY NON-OILFIELD: Em					rder, documentatio	n of non-hazard
BEMERGENCY NON-OILFIELD: Em		on-oilfield waste that has been o a description of the waste must			rder, documentatio	n of non-hazard
BEMERGENCY NON-OILFIELD: Em					rder, documentatio	n of non-hazard
EMERGENCY NON-OILFIELD: Em	s waste determination and	a description of the waste must		orm.)		n of non-hazard
BEMERGENCY NON-OILFIELD: Em	s waste determination and			orm.)	rder, documentatio	n of non-hazard
EMERGENCY NON-OILFIELD: Em ous	s waste determination and	a description of the waste must		orm.)		n of non-hazard-
EMERGENCY NON-OILFIELD: Em ous	s waste determination and	a description of the waste must		orm.) S		n of non-hazard-

Received by OCD: 11/24/2					Page 110 of 140
G.	NEW MEXICO NON-	HAZARDOUS OILFIELD WASTE	MANIFEST / DISPO	USAL TICKET	Company Man Contact Information Name
Minc.	3319	6			Phone No
		GENERATO	<u>DR</u>		i none no.
Operator No.			Location of Original Lease/Well	in Ma	1 # 1
Operator No Operators Name	BXP				
Address					
City, State, Zip					
Phone No					
TRUCK TIM	IE STAMP	DISPOSAL FAC	CILITY	F	RECEIVING AREA
IN: 12:1307 OU	JT:			Name/No	Lawdfill
			l		- And And Angle of the second se
Site Name / Permit No. Comm		1-0020)	Phone No. 575-	-347-0434	
Address P.O. Box 1658 Rost					
NORM Readings Tal			If YES, was read	ling > 50 micro roer	ntgens? (Circle One) YES NO
Pass the Paint Filter	Test? (Circle One) YES	NO TRANSPOR	TER		
Transporter's Name	+F	the second s	Contraction of the second second		
Address					
				2-1153	4
Phone No			listed above and	delivered without in	cident to the disposal facility listed below.
			11- 2-	20 1	
SHIPMENT DATE	DRIVER'S SIGNATU	IRE	DELIVERY D	DATE	DRIVER'S SIGNATURE
Exempt E	&P Waste/Service Identific	cation and Amount (Place v	olume next to w	vaste type in barre	ls or cubic vards)
Oil Based Muds		TABLE WATERS		INJECTABLE WA	
Oil Based Cuttings		ater (Non-Injectable)		Washout Water (
		Fluid/Flowback (Non-Injectable)			/Flowback (Injectable)
Water Based Cuttings _ Produced Formation Solids _		'ater (Non-Injectable) ne Water/Waste (Non-Injectable)		Produced Water Gathering Line W	(Injectable) /ater/Waste (Injectable)
Tank Bottoms	INTERNAL L			OTHER EXEMPT	WASTES
E&P Contaminated Soil	Truck Washe	out (Exempt Waste)		(Types and gener	ation process of the waste)
Gas Plant Waste		Completion	Prod		Gathering Lines
MASTE GENERATION PROCESS.		Completion		luction	
	Non-Exe	mpt E&P Waste/Service Id	entification and	Amount	
(All non-exe	empt E&P waste must be analyze	ed and be below the threshold li	mits for toxicity (TC	LP), ignition, corrosive	eness, and reactivity.)
Non-Exempt Other:			*Please select fro	m Non-Exempt Waste	e List on back
QUANTITY:	B - Barrels	L - Liqui	d	Y - Yards	E - Each
		<u>C-138</u>			
		Recovery Act (RCRA) and the L	JS Environmental P	rotection Agency's Ju	ly 1988 regulatory determination, the above
described waste load is (Check the		m oil and gas evolution and p	roduction operation	and are not mixed	with non-exempt waste. (Gandy Marley, Inc.
RCRA EXEMPT:	accepts certifications on a per		roduction operation	is and are not mixed	with non-exempt waste. (Gandy Maney, inc.
RCRA NON-EXEMPT:					dous by characteristics established in RCRA
		31.24, or listed hazardous waste on-hazardous is attached. (Chec			D, as amended. The following documentation
MSDS Infor		RCRA Hazardous Wa			Other (Provide Description Below)
	matori	- Horive Hazardous wa	Ste Analysis		
	Emergency non-hazardous, no	on-oilfield waste that has been o	rdered by the Depa	rtment of Public Safe	ty. (The order, documentation of non-hazard-
		a description of the waste must			
(PRINT) AUTHORIZED AGE	ENTS SIGNATURE	DATE			SIGNATURE
					11-1-1
	1 1 1	7.70			1 1 1 11 1
Mentrely /	allohd 11	x al	GN		umbrilly / allances
NAME (PRINT)	DA	TE	TITL	.E	SIGNATURE

Received by OCD: 11/24/2		HAZARDOUS OILFIELD WASTE			Page 111 of 140 Company Man Contact Information
G			MANIFEOT / DIOP	OSAL HORET	Name
YVL inc.	3320	8			Phone No. 22-213-3627
		GENERATO		in ma	1 #1
Operator No Operators Name	va			in Mal	
			Name & No		The second s
Address					
City, State, Zip					
Phone No					
TRUCK TIN	IE STAMP	DISPOSAL FAC	CILITY	F	RECEIVING AREA
IN: 2:3200 OL	JT:			Name/No.	Lantfill
		0020)	DI 11 676		
Site Name / Permit No. <u>Comm</u> Address P.O. Box 1658 Ros		-0020)	Phone No575		
NORM Readings Tal		NO	If YES, was read	dina > 50 micro roe	ntgens? (Circle One) YES NO
· · · · · · · · · · · · · · · · · · ·	Test? (Circle One) YES	NO			
	15	TRANSPOR	TER		
Transporter's Name	.TF		Driver's Name _		
Address			Print Name		
			Phone No	2-1121	
Phone No.			Truck No.	2-1154	cident to the disposal facility listed below.
I nereby certify that the above he	amed material(s) was/were pic	ked up at the Generator's site	e listed above and	delivered without in	cident to the disposal facility listed below.
SHIPMENT DATE	DRIVER'S SIGNATU	RF	DELIVERY	DATE	DRIVER'S SIGNATURE
	&P Waste/Service Identific				
Oil Based Muds		TABLE WATERS		INJECTABLE WA	
Oil Based Cuttings	Washout Wa	ter (Non-Injectable)		Washout Water ((Injectable)
		Fluid/Flowback (Non-Injectable) ater (Non-Injectable)		Completion Fluid Produced Water	d/Flowback (Injectable)
Produced Formation Solids		ne Water/Waste (Non-Injectable		Gathering Line V	Vater/Waste (Injectable)
Tank Bottoms E&P Contaminated Soil	INTERNAL L	I <u>SE ONLY</u> out (Exempt Waste)		OTHER EXEMPT (Types and gene	ration process of the waste)
Gas Plant Waste		ut (Exempt waste)			
WASTE GENERATION PROCESS	: Drilling	Completion	D Pro	duction	Gathering Lines
	Non Evo	mpt E&P Waste/Service Id	antification and	Amount	
(All non-ex	empt E&P waste must be analyze	•			eness, and reactivity.)
Non-Exempt Other:			*Please select fr	om Non-Exempt Wast	e List on back
QUANTITY:		L - Liqu	id	Y - Yards	E - Each
		<u>C-138</u>			
I hereby certify that according to t described waste load is (Check the		Recovery Act (RCRA) and the U	JS Environmental F	Protection Agency's Ju	uly 1988 regulatory determination, the above
RCRA EXEMPT:			roduction operatio	ns and are not mixed	with non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:	Oil field waste which is non-h	azardous that does not exceed			dous by characteristics established in RCRA
		1.24, or listed hazardous waste on-hazardous is attached. (Cheo			D, as amended. The following documentation
MSDS Info	rmation	RCRA Hazardous Wa	aste Analysis		Other (Provide Description Below)
EMERGENCY NON-OILFIELD	: Emergency non-hazardous, no	on-oilfield waste that has been o	ordered by the Dep	artment of Public Safe	ety. (The order, documentation of non-hazard-
	ous waste determination and a	a description of the waste must	accompany this for	nn.)	
(PRINT) AUTHORIZED AG	ENTS SIGNATURE	DATE			SIGNATURE
	的特征的新生业。私				and I
the I I A	4 /				12 1 ton 1
Kinherly 1	Urahut 11-	2-20	GI	II	rentrops I unado
NAME (PRINT)		TE	ТІТ	LE	SIGNATURE
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Received by OCD: 11/24/					Page 112 of 14
G	NEW MEXICO NON-	HAZARDOUS OILFIELD WASTE	MANIFEST / DISPO		Company Man Contact Information Name
YVL inc.	3318	9			Phone No
		GENERATO		n 211	
Operator No		17110	Lease/Well	1115	
Operators Name	P THINK				Ŧ/
Address					
City, State, Zip Phone No			0		
TRUCK TIN	IE STAMP	DISPOSAL FAC	SILITY	REC	EIVING AREA
IN: 9.4911 OI	JT:			Name/No.	Landfill
Site Name / Permit No. Comr	nercial Landfarm (NM-711-1	1-0020)	Phone No. 575-	347-0434	
Address P.O. Box 1658 Ros					
NORM Readings Ta		NO	If YES, was read	ing > 50 micro roentge	ns? (Circle One) YES NO
Pass the Paint Filter	r Test? (Circle One) YES	NO			
	LE I'M's	TRANSPOR	and the second		
Transporter's Name					
Address		A DESCRIPTION OF A DESC			
			Truck No	7-1152	
Phone No		ked up at the Generator's site	listed above and	delivered without incide	nt to the disposal facility listed below.
			11.2-2	20 V -	
SHIPMENT DATE	DRIVER'S SIGNATU	IRE	DELIVERY D	DATE	DRIVER'S SIGNATURE
Exempt E	E&P Waste/Service Identific	ation and Amount (Place v	volume next to w	vaste type in barrels o	r cubic yards)
Oil Based Muds		TABLE WATERS		INJECTABLE WATER	
Oil Based Cuttings		iter (Non-Injectable) Fluid/Flowback (Non-Injectable)		Washout Water (Injec Completion Fluid/Flov	
Water Based Cuttings		ater (Non-Injectable)		Produced Water (Inject	
		ne Water/Waste (Non-Injectable)		Gathering Line Water	
Tank Bottoms E&P Contaminated Soil	INTERNAL L Truck Washc	DULY (Exempt Waste)		OTHER EXEMPT WAS (Types and generation	process of the waste)
Gas Plant Waste					
WASTE GENERATION PROCESS	: 🗆 Drilling	Completion	Proc	luction	Gathering Lines
	Non-Exe	mpt E&P Waste/Service Id	entification and	Amount	
(All non-ex	empt E&P waste must be analyze	ed and be below the threshold li	mits for toxicity (TC	LP), ignition, corrosiveness	s, and reactivity.)
Non-Exempt Other:			*Please select fro	m Non-Exempt Waste List	t on back
QUANTITY:	B - Barrels	L - Liqui	id	Y - Yards	E - Each
		0.400			
		<u>C-138</u>			
I hereby certify that according to described waste load is (Check the		Recovery Act (RCRA) and the L	JS Environmental P	rotection Agency's July 19	988 regulatory determination, the above
RCRA EXEMPT:	Oil field wastes generated from accepts certifications on a per		roduction operatior	is and are not mixed with	non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-26		as defined by 40 CF	R, part 261, subpart D, as	by characteristics established in RCRA amended. The following documentation
MSDS Info		RCRA Hazardous Wa			r (Provide Description Below)
EMERGENCY NON-OILFIELD		on-oilfield waste that has been o a description of the waste must			he order, documentation of non-hazard-
(PRINT) AUTHORIZED AG	ENTS SIGNATURE	DATE			SIGNATURE
1/ 1 1. 1				1	7 1 11 11
NIMDENA 11	added 11-2	20	GN		ald first fill the sense
NAME (PRINT)	DA	ΤE	TITL	E	SIGNATURE

Received by OCD: 11/24/2		-HAZARDOUS OILFIELD WASTE	MANIFEST / DISP	DSAL TICKET Company Man Contact Information
G.A.				Name
YVL inc.	3310	OFNEDAT		Phone No
1		GENERATO	Location of Origi	6 V C
Operator No.			Lease/ Well	
Operators Name	PXY		Name & No.	ICV I
Address			County	
		the second second	API No	
City, State, Zip			Rig Name & No.	
Phone No			AFE/PO No.	
TRUCK TIM	1E STAMP	DISPOSAL FA		RECEIVING AREA
	JT:			Name/No.
Site Name / Permit No. Comn	nercial Landfarm (NM-711-	- 1-0020)	Phone No. 575-	347-0434
Address P.O. Box 1658 Rost			Phone No	
NORM Readings Tal		NO	If YES, was read	ing > 50 micro roentgens? (Circle One) YES NO
	Test? (Circle One) YES	NO		
		TRANSPOR	<u>TER</u>	
Transporter's Name	- Cillil	d	Driver's Name	
Address				
			Phone No.	
Phone No			Truck No.	- 1103
I hereby certify that the above na	amed material(s) was/were pi	cked up at the Generator's site	listed above and	delivered without incident to the disposal facility listed below.
			10-26-	30 Addel Herry
SHIPMENT DATE	DRIVER'S SIGNATI	URE	DELIVERY C	DATE DRIVER'S SIGNATURE
Exempt E	&P Waste/Service Identifi	cation and Amount (Place	volume next to w	vaste type in barrels or cubic yards)
Oil Based Muds	NON-INJEC	TABLE WATERS		INJECTABLE WATERS
Oil Based Cuttings		ater (Non-Injectable)		Washout Water (Injectable)
Water Based Muds Water Based Cuttings		Fluid/Flowback (Non-Injectable) Vater (Non-Injectable)		Completion Fluid/Flowback (Injectable) Produced Water (Injectable)
e e e e e e e e e e e e e e e e e e e		ine Water/Waste (Non-Injectable))	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL			OTHER EXEMPT WASTES
	Truck Wash	out (Exempt Waste)		(Types and generation process of the waste)
Gas Plant Waste				
WASTE GENERATION PROCESS		Completion	🗆 Prod	uction Gathering Lines
		empt E&P Waste/Service Id		
		zed and be below the threshold li		LP), ignition, corrosiveness, and reactivity.)
	D. D		1	m Non-Exempt Waste List on back
QUANTITY:	B - Barrels	L - Liqu		Y - Yards E - Each
		C-138		
described waste load is (Check the		Recovery Act (RCRA) and the L	JS Environmental P	rotection Agency's July 1988 regulatory determination, the above
RCRA EXEMPT:	Oil field wastes generated fro accepts certifications on a pe		roduction operation	is and are not mixed with non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-2		as defined by 40 CF	ards for waste hazardous by characteristics established in RCRA R, part 261, subpart D, as amended. The following documentation areas as provided)
MSDS Infor		RCRA Hazardous Wa		Other (Provide Description Below)
EMERGENCY NON-OILFIELD:		on-oilfield waste that has been o a description of the waste must		rtment of Public Safety. (The order, documentation of non-hazard- n.)
			Market 1	
(PRINT) AUTHORIZED AGE	ENTS SIGNATURE	DATE		SIGNATURE
(PRINT) AUTHORIZED AGI	ENTS SIGNATURE	DATE		SIGNATURE
(PRINT) AUTHORIZED AGI	ENTS SIGNATURE	DATE		
(PRINT) AUTHORIZED AGI	ENTS SIGNATURE	DATE	GN	1

Received by OCD: 11/24/2		HAZARDOUS OILFIELD WASTE	MANIFEST / DISP	OSAL TICKET	Page 114 Company Man Contact Inform	
GM inc.					Name	_
	3314	GENERATO	B		Phone No	
1			Location of Origi	in Duran		
Operator No.	$\overline{\mathbf{i}}$		Lease/Well	DYD	4	
Operators Name	Y		Name & No	nev ·		
Address			County			
			API No			
City, State, Zip			Rig Name & No.			
Phone No.						
TRUCK TIM	IE STAMP	DISPOSAL FAC			ECEIVING AREA	
IN: 44 Amou	וד:			Name/No.	Matill	
Site Name / Permit No. Comm	nercial Landfarm (NM-711-	-0020)	Phone No. 575-	-347-0434		
Address P.O. Box 1658 Rost						
NORM Readings Tak	ken? (Circle One) YES	NO	If YES, was read	ing > 50 micro roen	tgens? (Circle One) YES	NO
Pass the Paint Filter	Test? (Circle One) YES	NO				
	n.	TRANSPORT	<u>rer</u>			
Transporter's Name	F		Driver's Name			
Address			Print Name			
			Phone No			
Phone No.) (
					ident to the disposal facility listed b	elow.
			10-30-	30		
SHIPMENT DATE	DRIVER'S SIGNATU	IRE	DELIVERY D	DATE	DRIVER'S SIGNATURE	
Exempt E	&P Waste/Service Identific	ation and Amount (Place v	olume next to w	vaste type in barre	Is or cubic vards)	1
Oil Based Muds		TABLE WATERS		INJECTABLE WA		12
Oil Based Cuttings		iter (Non-Injectable)		Washout Water (I		
		Fluid/Flowback (Non-Injectable)			/Flowback (Injectable)	
Water Based Cuttings		ater (Non-Injectable)		Produced Water (
Produced Formation Solids	Gathering Li	ne Water/Waste (Non-Injectable)	1. 	Gathering Line W OTHER EXEMPT	ater/Waste (Injectable)	
		out (Exempt Waste)		(Types and general	ation process of the waste)	
Gas Plant Waste						
WASTE GENERATION PROCESS	: Drilling	Completion	C Proc	luction	Gathering Lines	
	Non-Exe	mpt E&P Waste/Service Id	entification and	Amount		
(All non-exe		ed and be below the threshold lin			ness, and reactivity.)	
Non-Exempt Other:			*Please select fro	om Non-Exempt Waste	e List on back	
QUANTITY:	B - Barrels	L - Liqui	d	Y - Yards	E - Each	
		0 400				
		<u>C-138</u>				
I hereby certify that according to the described waste load is (Check the		Recovery Act (RCRA) and the L	IS Environmental P	rotection Agency's Ju	ly 1988 regulatory determination, the a	ibove
RCRA EXEMPT:			roduction operatior	ns and are not mixed v	with non-exempt waste. (Gandy Marley	/, Inc.
RCRA NON-EXEMPT:	Oil field waste which is non-h regulations, 40 CFR 261.21-26	azardous that does not exceed 1.24, or listed hazardous waste	as defined by 40 CF	R, part 261, subpart D	lous by characteristics established in F D, as amended. The following document	
		on-hazardous is attached. (Chec			40.0	
MSDS Infor	mation	RCRA Hazardous Wa	ste Analysis	L c	Other (Provide Description Below)	
EMERGENCY NON-OILFIELD:		on-oilfield waste that has been o a description of the waste must a			y. (The order, documentation of non-ha	zard-
(PRINT) AUTHORIZED AGE	ENTS SIGNATURE	DATE			SIGNATURE	
					and the second s	
hat			GN	11 2-	James VI	
NAME (PRINT)	<u>ser- 10-36</u>	ATE A	тіті		SIGNATURE	
Released to Imaging: 4/9/				and the second second	SUPERIOR PRINTING SERVICE	E, INC.

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Received by OCD: 11/24/		HAZARDOUS OILFIELD WASTE	MANIFEST / DISF	POSAL TICKET	Page 115 of 140 Company Man Contact Information
GA					Name
YVL inc.	3315	7 OFNEDAT			Phone No
1 . C		GENERATO	DR Location of Orig	in 2 V	
Operator No.	14.0		Lease/Well	DXF.	
Operator: NameB	XP		Name & No. 🚣	ngu #	
Address			County		<u></u>
		the second s	API No		
City, State, Zip			Rig Name & No		
Phone No			AFE/PO No		
TRUCK TIN	IE STAMP	DISPOSAL FAC		REG	CEIVING AREA
IN: 2: 4500 00	JT:			Name/No.	VAGII
Site Name / Permit No. Comm		1-0020)	Phone No. 575	-347-0434	
Address <u>P.O. Box 1658 Ros</u> NORM Readings Ta		NO	IF VES was read	ding > EQ miara raantar	ens? (Circle One) YES NO
	Test? (Circle One) YES	NO	IT YES, was read	ding > 50 micro roentge	ens? (Circle One) YES NO
		TRANSPOR	TER		
Transporter's Name	E TRUCK				
Address		1			
			Phone No.		
Phone No.			Truck No		1110
					ent to the disposal facility listed below.
			10-30-	3000	16-
SHIPMENT DATE	DRIVER'S SIGNATL	JRE	DELIVERY		DRIVER'S SIGNATURE
Exempt E	&P Waste/Service Identific	cation and Amount (Place v	volume next to v	waste type in barrels of	or cubic yards)
Oil Based Muds	NON-INJEC	TABLE WATERS		INJECTABLE WATER	as
Oil Based Cuttings		ater (Non-Injectable)		Washout Water (Inject	ctable)
		Fluid/Flowback (Non-Injectable)		Completion Fluid/Flo	
Water Based Cuttings		/ater (Non-Injectable) ne Water/Waste (Non-Injectable)		Produced Water (Inje Gathering Line Water	
Tank Bottoms	INTERNAL U			OTHER EXEMPT WA	STES
E&P Contaminated Soil	Truck Washo	out (Exempt Waste)		(Types and generatio	n process of the waste)
Gas Plant Waste		Completion		duction	
WASTE GENERATION PROCESS		Completion		auction	Gathering Lines
(All non-exe	Non-Exe empt E&P waste must be analyze	mpt E&P Waste/Service Id ed and be below the threshold li			ss, and reactivity.)
Non-Exempt Other:			*Please select fr	om Non-Exempt Waste Lis	t on back
QUANTITY:	B - Barrels	L - Liqui	275	Y - Yards	E - Each
QUANTITY:	D - Darreis	L - Liqui		f - faros	E - Each
		C-138			
I hereby certify that according to t	he Resource Conservation and	and the second second second second	IS Environmental F	Protection Agency's July 1	988 regulatory determination, the above
described waste load is (Check the				interestion rigency o baily i	
RCRA EXEMPT:	Oil field wastes generated from accepts certifications on a per		roduction operatio	ns and are not mixed with	non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-26		as defined by 40 C	FR, part 261, subpart D, as	s by characteristics established in RCRA s amended. The following documentation
MSDS Info		RCRA Hazardous Wa			r (Provide Description Below)
EMERGENCY NON-OILFIELD		on-oilfield waste that has been o a description of the waste must			The order, documentation of non-hazard-
(PRINT) AUTHORIZED AGI	ENTS SIGNATURE	DATE			SIGNATURE
					The second second second second
1				4	
Man Thu	V 10.30	1-30	GM	II Con	An LL
NAME (PRINT)		ATE	TIT	LE	SIGNATURE
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Received by OCD: 11/24		HAZARDOUS OILFIELD WASTI	MANIFEST / DISE	POSAL TICKET Company Man Contact Information
G				Name
YVLinc.	3315			Phone No
5-3 T		GENERAT	OR Location of Orig	nin
Operator No.			Lease/Well	A DA K
Operators Name BXK	·		Name & No	NEV HI
Address				
				N
Phone No			AFE/PO No	
TRUCK TI	ME STAMP	DISPOSAL FA	CILITY	RECEIVING AREA
IN: 0100000)UT:			Name/No.
Site Name / Permit No. Con	nmercial Landfarm (NM-711-	1-0020)	Phone No. 57	5-347-0434
Address P.O. Box 1658 Ro				
	Taken? (Circle One) YES	NO	If YES, was rea	ding > 50 micro roentgens? (Circle One) YES NO
Pass the Paint Filte	er Test? (Circle One) YES	NO TRANSPOR	TED35	
Transmontavia Managal	6	TRANSPOR		
			Phone No Truck No	2201 - (
				d delivered without incident to the disposal facility listed below
			10-30-	20 . 20
SHIPMENT DATE	DRIVER'S SIGNATU	JRE	DELIVERY	DATE DRIVER'S SIGNATURE
Exempt	E&P Waste/Service Identifie	cation and Amount (Place	volume next to	waste type in barrels or cubic yards)
Oil Based Muds		TABLE WATERS		INJECTABLE WATERS
Oil Based Cuttings Water Based Muds		ater (Non-Injectable) Fluid/Flowback (Non-Injectable)	Washout Water (Injectable) Completion Fluid/Flowback (Injectable)
Water Based Cuttings		ater (Non-Injectable)		Produced Water (Injectable)
Produced Formation Solids Tank Bottoms		ne Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
E&P Contaminated Soil	INTERNAL U Truck Wash	Dut (Exempt Waste)		(Types and generation process of the waste)
Gas Plant Waste				
WASTE GENERATION PROCES	SS: D Drilling	Completion	C Pro	oduction 🔲 Gathering Lines
		mpt E&P Waste/Service Ic		
(All non-e	exempt E&P waste must be analyz	ed and be below the threshold I		CLP), ignition, corrosiveness, and reactivity.)
Non-Exempt Other:		the second s	3	rom Non-Exempt Waste List on back
QUANTITY:	B - Barrels	L - Liqu	iid	Y - Yards E - Each
		C-138	1315	
I hereby certify that according to	the Resource Conservation and			Protection Agency's July 1988 regulatory determination, the above
described waste load is (Check t		necovery Act (nonA) and the		riotection Agency's buy root regulatory determination, the above
RCRA EXEMPT:	Oil field wastes generated fro accepts certifications on a per		production operation	ons and are not mixed with non-exempt waste. (Gandy Marley, Inc
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-26		as defined by 40 C	ndards for waste hazardous by characteristics established in RCR/ CFR, part 261, subpart D, as amended. The following documentation items as provided)
MSDS In		RCRA Hazardous W		Other (Provide Description Below)
EMERGENCY NON-OILFIEL		on-oilfield waste that has been a description of the waste must		partment of Public Safety. (The order, documentation of non-hazard prm.)
(PRINT) AUTHORIZED A	GENTS SIGNATURE	DATE		SIGNATURE
1				
Chen Du	10-50 10-5V	-20	G	MI
NAME (PRINT)	DA	ATE	ГІТ	TLE SIGNATURE
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Received by OCD: 11/24		-HAZARDOUS OILFIELD WASTE	MANIEEST / DISP	DSAL TICKET Company Man Contact Information
G			MANIE LOT 7 DIOI C	Name
YVL inc.	3315	59		Phone No
1 2 1		GENERATO	<u>)R</u> Location of Origi	G V G
Operator No.	0		Lease/Well	DX F
Operators Name	A.		Name & No	IGU - I
Address			County	
City, State, Zip				
Phone No			AFE/PO No	
TRUCK TI	ME STAMP	DISPOSAL FAC		RECEIVING AREA
IN: 310000	UT:			Name/No.
Site Name / Permit No. Com	A COMPANY OF THE OWNER OWNE		Phone No. 575-	347-0434
Address P.O. Box 1658 Ro		a al a sub a sub		
NORM Readings T		NO	If YES, was read	ing > 50 micro roentgens? (Circle One) YES NO
Pass the Paint Filte	er Test? (Circle One) YES	NO		
1 4	E	TRANSPORT		
Transporter's Name				
Address				
				# 1100
Phone No			Truck No	delivered without incident to the disposal facility listed below.
Thereby certify that the above i	named materialis, wasiwere pr	ener up at the denorator since		
SHIPMENT DATE	DRIVER'S SIGNATI	JRE	DELIVERY D	DATE DRIVER'S SIGNATURE
Exempt	E&P Waste/Service Identifi	cation and Amount (Place v	olume next to w	vaste type in barrels or cubic yards)
Oil Based Muds		TABLE WATERS		INJECTABLE WATERS
Oil Based Cuttings	Washout W	ater (Non-Injectable)		Washout Water (Injectable)
Water Based Muds Water Based Cuttings		Fluid/Flowback (Non-Injectable) Vater (Non-Injectable)		Completion Fluid/Flowback (Injectable) Produced Water (Injectable)
Produced Formation Solids		ine Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL			OTHER EXEMPT WASTES (Types and generation process of the waste)
E&P Contaminated Soil Gas Plant Waste	Iruck wash	out (Exempt Waste)	STREET STREET	(types and generation process of the waste)
WASTE GENERATION PROCES	S: 🛛 Drilling	Completion	🗆 Prod	luction Gathering Lines
		empt E&P Waste/Service Ide		
				LP), ignition, corrosiveness, and reactivity.)
Non-Exempt Other:		L - Liqui		m Non-Exempt Waste List on back
QUANTITY:	B - Barrels	L - Liqui	d	Y - Yards E - Each
		<u>C-138</u>		
I hereby certify that according to	the Resource Conservation and		IS Environmental P	rotection Agency's July 1988 regulatory determination, the above
described waste load is (Check th		m oil and gas exploration and n	raduction operation	is and are not mixed with non-exempt waste. (Gandy Marley, Inc.
RCRA EXEMPT:	accepts certifications on a pe			is and are not mixed with non-exempt waste. (daily) waney, inc.
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-2		as defined by 40 CF	lards for waste hazardous by characteristics established in RCRA FR, part 261, subpart D, as amended. The following documentation ems as provided.)
MSDS Inf	ormation	RCRA Hazardous Wa	ste Analysis	Other (Provide Description Below)
EMERGENCY NON-OILFIELI		on-oilfield waste that has been o a description of the waste must a		urtment of Public Safety. (The order, documentation of non-hazard- m.)
(PRINT) AUTHORIZED A	GENTS SIGNATURE	DATE		SIGNATURE
1				1 1
Elan The	1×0- 10-3	0-20	GN	1 trian It
NAME (PRINT)		ATE	TITL	E SIGNATURE
Released to Imaging: 4/9	0/2021 3:37:04 PM			SUPERIOR PRINTING SERVICE, INC.

Received by OCD: 11/24/2020 8:29:16 AM			AL TICKET Company Man Contact Information
G.	HAZARDOUS OILFIELD WASTE	VIANIFEST / DISPUS	AL TICKET Company Man Contact Information Name
V Linc. 3313	9	Adres and	Phone No
	GENERATO		
Operator No.			MEN " I
Operators Name		Name & No	
Address			
City, State, Zip			
Phone No		AFE/PO No	
TRUCK TIME STAMP	DISPOSAL FAC		RECEIVING AREA
IN:OUT:		1	lame/No.
Site Name / Permit No. Commercial Landfarm (NM-711-1	-0020)	Phone No. 575-3	17-0434
Address _ P.O. Box 1658 Roswell, NM 88202			
NORM Readings Taken? (Circle One) YES	NO	f YES, was readin	g > 50 micro roentgens? (Circle One) YES NO
Pass the Paint Filter Test? (Circle One) YES	NO		
150	TRANSPORT	the second s	
Transporter's Name			
Address			
		Phone No	- 108
Phone No I hereby certify that the above named material(s) was/were pic			
		1. 201 A.	1/1/6
SHIPMENT DATE DRIVER'S SIGNATU	RE	DELIVERY DA	TE DRIVER'S SIGNATURE
Exempt E&P Waste/Service Identific	ation and Amount (Place v	olume next to wa	ste type in barrels or cubic yards)
Oil Based Muds NON-INJEC	ABLE WATERS		INJECTABLE WATERS
	ter (Non-Injectable)		Washout Water (Injectable)
	Fluid/Flowback (Non-Injectable) ater (Non-Injectable)		Completion Fluid/Flowback (Injectable)
	ne Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)
Tank Bottoms INTERNAL U E&P Contaminated Soil Truck Washo	<u>SE ONLY</u> ut (Exempt Waste)		OTHER EXEMPT WASTES
Gas Plant Waste	ut (Exempt Waste)		
WASTE GENERATION PROCESS: Drilling	Completion	📮 Produ	otion 🔲 Gathering Lines
	mpt E&P Waste/Service Ide		
(All non-exempt E&P waste must be analyze			
Non-Exempt Other:		1.00	Non-Exempt Waste List on back
QUANTITY: B - Barrels	L - Liquic		Y - Yards E - Each
	C-138		
I hereby certify that according to the Resource Conservation and	Recovery Act (RCRA) and the U	S Environmental Pro	ection Agency's July 1988 regulatory determination, the above
described waste load is (Check the appropriate classification)			
RCRA EXEMPT: Oil field wastes generated from accepts certifications on a per		oduction operations	and are not mixed with non-exempt waste. (Gandy Marley, Inc.
regulations, 40 CFR 261.21-26	azardous that does not exceed t 1.24, or listed hazardous waste a on-hazardous is attached. (Check	s defined by 40 CFR	ds for waste hazardous by characteristics established in RCRA , part 261, subpart D, as amended. The following documentation is as provided.)
MSDS Information	RCRA Hazardous Was		Other (Provide Description Below)
	n-oilfield waste that has been or description of the waste must a		nent of Public Safety. (The order, documentation of non-hazard-)
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE		SIGNATURE
	O'TE		
hen store was	36	GMI	Free J

Received by OCD: 11/24/2		HAZARDOUS OILFIELD WASTE			e 119 of 140
G	NEW MEXICO NON-	HAZARDOUS OILFIELD WAS TE	WANIFEST / DISPU	Name	
YVL inc.	3324	0		Phone No	
		GENERATO		12 1 1 1 1 1 1	
Operator No			Lease/Well	MGU #1	
Operators Name	ISXP		Name & No		
Address			County		
		the state of the s	API No		
City, State, Zip			Rig Name & No.		
Phone No			AFE/PO No		
TRUCK TIM	IE STAMP	DISPOSAL FAC		RECEIVING AREA	
IN:OM_OL	JT:			Name/No.	
Site Name / Permit No. Comn	nercial Landfarm (NM-711-	1-0020)	Phone No. 575-	347-0434	
Address P.O. Box 1658 Rost				· · · · · · · · · · · · · · · · · · ·	
NORM Readings Tal		NO	If YES, was readi	ng > 50 micro roentgens? (Circle One) YES	S NO
Pass the Paint Filter	Test? (Circle One) YES	NO			
	ILK	TRANSPOR	TER		
Transporter's Name	LTF		Driver's Name		
Address	*		Print Name		
		and the second second		2	
Phone No				7-1131	
I hereby certify that the above na	amed material(s) was/were pie	cked up at the Generator's site	e listed above and o	lelivered without incident to the disposal facility lis	ted below.
			11-20	20 K	
SHIPMENT DATE	DRIVER'S SIGNATU		DELIVERY D		
Exempt E	&P Waste/Service Identifie	cation and Amount (Place)	volume next to w	aste type in barrels or cubic yards)	
Oil Based Muds		TABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings Water Based Muds		ater (Non-Injectable) Fluid/Flowback (Non-Injectable)		Washout Water (Injectable) Completion Fluid/Flowback (Injectable)	1.125.4
	Produced W	/ater (Non-Injectable)		Produced Water (Injectable)	
		ine Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)	
Tank Bottoms	INTERNAL U Truck Wash	<u>JSE ONLY</u> out (Exempt Waste)		OTHER EXEMPT WASTES (Types and generation process of the waste)	
Gas Plant Waste					
WASTE GENERATION PROCESS	: Drilling	Completion	🗆 Prode	uction Gathering Lines	
	Non-Exe	mpt E&P Waste/Service Id	entification and	Amount	
(All non-exe	empt E&P waste must be analyz	ed and be below the threshold li	mits for toxicity (TCL	.P), ignition, corrosiveness, and reactivity.)	
Non-Exempt Other:			*Please select from	n Non-Exempt Waste List on back	
QUANTITY:	B - Barrels	L - Liqu	id	Y - Yards E - Each	
		<u>C-138</u>			
I hereby certify that according to t described waste load is (Check the		Recovery Act (RCRA) and the U	JS Environmental Pr	otection Agency's July 1988 regulatory determination	, the above
RCRA EXEMPT:	Oil field wastes generated fro		production operation	s and are not mixed with non-exempt waste. (Gandy	Marley, Inc.
	accepts certifications on a pe				
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-20		as defined by 40 CF	ards for waste hazardous by characteristics establish R, part 261, subpart D, as amended. The following doc ems as provided.)	
MSDS Info		RCRA Hazardous Wa		Other (Provide Description Below)	
EMERGENCY NON-OILFIELD:		on-oilfield waste that has been c a description of the waste must		tment of Public Safety. (The order, documentation of r n.)	ion-hazard-
(PRINT) AUTHORIZED AGI	ENTS SIGNATURE	DATE		SIGNATURE	
1. 1. 1. 1.					
Allaberty i	Turning 11-3	-20	GM	Auralysia 111	
NAME (PRINT)	Di	ATE	TITLE	E SIGNATURE	77

Received by OCD: 11/24/2	2020 8:29:16 AM	HAZARDOUS OILFIELD WASTE		NOAL TICKET	Page 120 of 140 Company Man Contact Information
G	NEW MEXICO NON-	HAZARDOUS OILFIELD WASTE	MANIFEST / DISPC	SAL HUKET	Name
YV inc.	3324	7			Phone No
Contracting and the second		GENERATO	DR Location of Origi	mag	1 #1
Operator No Operators Name	2 1 12		Lease/Well	MGL	1 7 /
Operators Name	211				
Address					
City, State, Zip					
Phone No					
TRUCK TIM	IE STAMP	DISPOSAL FAC			RECEIVING AREA
IN: NON OL	JT:			Name/No.	Landfill
		1,0020)			
Site Name / Permit No. <u>Comm</u> Address P.O. Box 1658 Rose		1-0020)	Phone No. 575-	347-0434	
NORM Readings Tak		NO	If YES, was readi	na > 50 micro roe	ntgens? (Circle One) YES NO
	Test? (Circle One) YES	NO			
	Lr	TRANSPORT	<u>rer</u>		
Transporter's Name	TT		Driver's Name		
Address			Print Name		
			Phone No	7- 1150	
Phone No			Truck No.	<u>(~ 1158</u>	
I hereby certify that the above na	amed material(s) was/were pic	ked up at the Generator's site	listed above and o	delivered without in	cident to the disposal facility listed below.
SHIPMENT DATE	DRIVER'S SIGNATU	IRE	DELIVERY D		DRIVER'S SIGNATURE
		cation and Amount (Place v			
Oil Based Muds		TABLE WATERS		INJECTABLE W	
Oil Based Cuttings	Washout Wa	ter (Non-Injectable)		Washout Water	
Water Based Muds Water Based Cuttings		Fluid/Flowback (Non-Injectable) ater (Non-Injectable)		Completion Fluid Produced Water	d/Flowback (Injectable)
Produced Formation Solids		ne Water/Waste (Non-Injectable)			Vater/Waste (Injectable)
Tank Bottoms	INTERNAL U	J <u>SE ONLY</u> out (Exempt Waste)		OTHER EXEMPT	<u>WASTES</u> ration process of the waste)
Gas Plant Waste		but (Exempt waste)		(i)poo and gono	
WASTE GENERATION PROCESS	: Drilling	Completion	D Prod	uction	Gathering Lines
	Non-Exe	mpt E&P Waste/Service Ide	entification and	Amount	
(All non-exe		ed and be below the threshold lir			eness, and reactivity.)
Non-Exempt Other:			*Please select from	m Non-Exempt Wast	e List on back
QUANTITY:	B - Barrels	L - Liqui	d <u>ex</u>	Y - Yards	E - Each
		<u>C-138</u>			
I hereby certify that according to the described waste load is (Check the		Recovery Act (RCRA) and the U	S Environmental Pr	otection Agency's J	uly 1988 regulatory determination, the above
			oduction operation	s and are not mixed	with non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-26		as defined by 40 CF	R, part 261, subpart	dous by characteristics established in RCRA D, as amended. The following documentation
MSDS Infor		RCRA Hazardous Wa			Other (Provide Description Below)
EMERGENCY NON-OILFIELD:					ty. (The order, documentation of non-hazard-
	ous waste determination and a	a description of the waste must a	lecompany this forn	n.)	
(PRINT) AUTHORIZED AGE	ENTS SIGNATURE	DATE			SIGNATURE
					1.1.1
Vr 1 1 a					16 11 11 111 1
MADENIA IN	Wohd 11-	5-20	GM		amerily / altering
NAME (PRINT)	DA	NTE	TITL	E	SIGNATURE

Received by OCD: 11/24/2		HAZARDOUS OILFIELD WASTE	= MANIFEST / DISPO	SAL TICKET	Page 121 of 140 Company Man Contact Information
G			alama is de		9
YVL inc.	3323	4		Phon	e No
1. A.		GENERAT		man	± 1
Operator No Operators Name	A.1.A		Lease/Well	MBUL 3	7/
Operators Name	2XP				
Address			County		
			API No		
City, State, Zip			Rig Name & No		
Phone No			AFE/PO No.		
TRUCK TIM	IE STAMP	DISPOSAL FA		RECEIV	ING AREA
IN:OL	JT:			Name/No.	Will
Site Name / Permit No. Comm		1-0020)	Phone No. 575-3		
Address _P.O. Box 1658 Rost			Phone No		
NORM Readings Tal		NO	If YES, was readir	ng > 50 micro roentgens? (Circle One) YES NO
	Test? (Circle One) YES	NO		, , , , , , , , , , , , , , , , , , ,	
	1	TRANSPOR	TER		
Transporter's Name	TF		Driver's Name		
Address			Print Name		
			Phone No	2 11-000	California de la complete de la comp
Phone No				-1156	
I hereby certify that the above na	amed material(s) was/were pic	cked up at the Generator's site	e listed above and d	elivered without incident to a	the disposal facility listed below.
			11-30	20 8	
SHIPMENT DATE	DRIVER'S SIGNATU		DELIVERY DA		VER'S SIGNATURE
	&P Waste/Service Identific		volume next to wa		bic yards)
Oil Based Muds Oil Based Cuttings		TABLE WATERS ater (Non-Injectable)		INJECTABLE WATERS Washout Water (Injectable)	
		Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback	(Injectable)
Water Based Cuttings		/ater (Non-Injectable)	· · · · · · · · · · · · · · · · · · ·	Produced Water (Injectable	
Produced Formation Solids _ Tank Bottoms _	INTERNAL U	ne Water/Waste (Non-Injectable	e)	Gathering Line Water/Wast OTHER EXEMPT WASTES	e (Injectable)
E&P Contaminated Soil		out (Exempt Waste)		(Types and generation proc	ess of the waste)
Gas Plant Waste	: Drilling	Completion	🗆 Produ	ction 🛛	Gathering Lines
	Man Fue		In which and in a surely A		
(All non-exe	NON-EXE empt E&P waste must be analyz	mpt E&P Waste/Service Ic ed and be below the threshold I			reactivity.)
Non-Exempt Other:			*Please select from	Non-Exempt Waste List on b	ack
QUANTITY:	B - Barrels			Y - Yards	E - Each
	D * Darreis	L • Liqu			
		C-138			
I hereby certify that according to t	he Resource Conservation and	Recovery Act (RCRA) and the I	US Environmental Pro	tection Agency's July 1988 re	gulatory determination, the above
described waste load is (Check the					
RCRA EXEMPT:	Oil field wastes generated fro. accepts certifications on a per		production operations	and are not mixed with non-e	exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:					naracteristics established in RCRA
		on-hazardous is attached. (Cheo			
MSDS Infol	rmation	RCRA Hazardous Wa	aste Analysis	Cther (Prov	ide Description Below)
EMERGENCY NON-OILFIELD:		on-oilfield waste that has been on a description of the waste must			der, documentation of non-hazard-
(PRINT) AUTHORIZED AGE	ENTS SIGNATURE	DATE		SI	GNATURE
				NET THE REAL	
VIIA		-2		11	
Simperia 11.	Winhu II	520	GM	Turel	Old / Wether
NAME (PRINT)	DA	ATE	TITLE	all a fine a second	SIGNATURE

Received by OCD: 11/24/.		HAZARDOUS OILFIELD WASTE			Page 122 of 140
G			MANIFEST / DISP	USAL HCKET	Company Man Contact Information Name
YVL inc.	3326	1			Phone No
		GENERATO		in	
Operator No Operators Name			Lease/Well	Mal	<u>, </u>
Operators Name			Name & No		
Address					
			API No		
City, State, Zip					
Phone No			AFE/PO No		
TRUCK TIN	IE STAMP	DISPOSAL FAC	CILITY		RECEIVING AREA
IN: 559.4 OL	JT-			Name/No	heartfil
Site Name / Permit No. Comm		-0020)	Phone No. 575	-347-0434	
Address <u>P.O. Box 1658 Ros</u> NORM Readings Ta		NO	If VES was room	ting > 50 mior	o roentgens? (Circle One) YES NO
	Test? (Circle One) YES	NO	in TES, was read		
		TRANSPOR	TER		
Transporter's Name			Driver's Name _	11121	
Address			Print Name		
			Phone No		
Phone No			Phone No Truck No		
I hereby certify that the above na	amed material(s) was/were pic	ked up at the Generator's site	listed above and	delivered with	out incident to the disposal facility listed below.
			11 21	$(\bigcirc$	DRIVER'S SIGNATURE
SHIPMENT DATE	DRIVER'S SIGNATU		DELIVERY		
	&P Waste/Service Identific		Olume next to v		
Oil Based Muds Oil Based Cuttings		TABLE WATERS ter (Non-Injectable)			LE WATERS Vater (Injectable)
Water Based Muds	Completion	Fluid/Flowback (Non-Injectable)		Completion	n Fluid/Flowback (Injectable)
Water Based Cuttings _ Produced Formation Solids _		ater (Non-Injectable) ne Water/Waste (Non-Injectable)			Water (Injectable) Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL U			OTHER EX	EMPT WASTES
E&P Contaminated Soil Gas Plant Waste	Truck Washo	out (Exempt Waste)		(Types and	generation process of the waste)
WASTE GENERATION PROCESS	: Drilling	Completion	D Prod	duction	Gathering Lines
(All non-ex	Non-Exe empt E&P waste must be analyze	mpt E&P Waste/Service Id and be below the threshold line			rrosiveness and reactivity)
QUANTITY:	B - Barrels	L - Liqui	P	Y - Ya	Waste List on back rds E - Each
QUANTIT:	D - Darreis	L - Liqui		f - fa	ros E - Each
		C-138	110		
		Recovery Act (RCRA) and the L	JS Environmental F	Protection Agend	cy's July 1988 regulatory determination, the above
described waste load is (Check the		정말 가슴 옷을			
RCRA EXEMPT:	Oil field wastes generated from accepts certifications on a per		roduction operatio	ns and are not r	nixed with non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:	Oil field waste which is non-h	azardous that does not exceed	the minimum stan	dards for waste	hazardous by characteristics established in RCRA
		1.24, or listed hazardous waste on-hazardous is attached. (Chec			bpart D, as amended. The following documentation d.)
MSDS Info		RCRA Hazardous Wa			Other (Provide Description Below)
EMERGENCY NON-OILFIELD:		on-oilfield waste that has been o a description of the waste must a			c Safety. (The order, documentation of non-hazard-
(PRINT) AUTHORIZED AG	ENTS SIGNATURE	DATE	ALC: NO.		SIGNATURE
ALL J		り_~ 新生	01	7 1	
1.90 9 9 7 / lee	hera 11-3	A Strange	GN		
NAME (PRINT)	DA	IE - CONSTRUCTION	TITI	LE	SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

Received by OCD: 11/24/2020 8:29:16 AM	Page 123 of 140
6.	DILFIELD WASTE MANIFEST / DISPOSAL TICKET Company Man Contact Information Name
W _inc. 33250	Phone No
	GENERATOR
Operator No	Location of Origin Lease/Well
	Name & No
Address	
City, State, Zip	
Phone No	
TRUCK TIME STAMP	POSAL FACILITY RECEIVING AREA
IN: 3.24/01 OUT:	Name/No.
Site Name / Permit No. <u>Commercial Landfarm (NM-711-1-0020)</u> Address P.O. Box 1658 Roswell, NM 88202	Phone No. 575-347-0434
NORM Readings Taken? (Circle One) YES NO	
Pass the Paint Filter Test? (Circle One) YES NO	
	RANSPORTER
Transporter's Name	Driver's Name
Address	
	Phone No Truck No
Phone No.	Truck No Generator's site listed above and delivered without incident to the disposal facility listed below.
Thereby centry that the above named material(s) was were picked up at the	Generator's site instea above and derivered without incluent to the disposal facility instea below.
SHIPMENT DATE DRIVER'S SIGNATURE	DELIVERY DATE DRIVER'S SIGNATURE
Exempt E&P Waste/Service Identification and A	mount (Place volume next to waste type in barrels or cubic yards)
Oil Based Muds NON-INJECTABLE WATER:	S INJECTABLE WATERS
Oil Based Cuttings Washout Water (Non-Inject:	
Water Based Muds Completion Fluid/Flowback Water Based Cuttings Produced Water (Non-Inject)	
Produced Formation Solids Gathering Line Water/Wast	
Tank Bottoms INTERNAL USE ONLY E&P Contaminated Soil Truck Washout (Exempt Wa	aste) OTHER EXEMPT WASTES (Types and generation process of the waste)
Gas Plant Waste	
WASTE GENERATION PROCESS: Drilling Com	pletion Production Gathering Lines
	ste/Service Identification and Amount
(All non-exempt E&P waste must be analyzed and be belo	w the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)
Non-Exempt Other:	-9/
QUANTITY: B - Barrels	L - Liquid Y - Yards E - Each
	C-138
I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above
described waste load is (Check the appropriate classification)	
RCRA EXEMPT: Oil field wastes generated from oil and gas e accepts certifications on a per month only based on the second sec	exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. Isis.)
regulations, 40 CFR 261.21-261.24, or listed I	does not exceed the minimum standards for waste hazardous by characteristics established in RCRA hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation s attached. (Check the appropriate items as provided.)
	RA Hazardous Waste Analysis Other (Provide Description Below)
EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste ous waste determination and a description of the second	e that has been ordered by the Department of Public Safety. (The order, documentation of non-hazard- f the waste must accompany this form.)
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE SIGNATURE
The first sector of the sector of the	
Kinhorta Marshar 11-2-20	GMI
	TITLE SIGNATURE
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Received by OCD: 11/24/2020 8:29:16 AM	ARDOUS OILFIELD WASTE M	ANIFEST / DISP	DSAL TICKET Company Man Contact Inform	
G			Name	
YV inc. 33243			Phone No	<u> </u>
	GENERATOR		in man ++ 1	
Operator No	L	ease/Well	n 1764 #1	
Operators Name	N	ame & No		
Address	C(ounty		
	AI	PI No		
City, State, Zip				
Phone No	AI	FE/PO No		_
TRUCK TIME STAMP	DISPOSAL FACI		RECEIVING AREA	
IN: 12:40 MOUT:			Name/No	
Site Name / Permit No. Commercial Landfarm (NM-711-1-002	20)	none No. 575-	-347-0434	
Address P.O. Box 1658 Roswell, NM 88202				
NORM Readings Taken? (Circle One) YES NO	D If	YES, was read	ing > 50 micro roentgens? (Circle One) YES	NO
Pass the Paint Filter Test? (Circle One) YES NO				
147	TRANSPORTE	<u>ER</u>		
Transporter's Name				
Address				
	Pł	none No	2-11/4/	
Phone No I hereby certify that the above named material(s) was/were picked of	Tr	uck No	3 - ///4/	
Thereby certify that the above harried material(s) was/were picked to	up at the Generator's site is		derivered without incluent to the disposal facility isted b	eiow.
SHIPMENT DATE DRIVER'S SIGNATURE		DELIVERY D	DATE DRIVER'S SIGNATURE	
Exempt E&P Waste/Service Identificatio	n and Amount (Place vol			
Oil Based Muds NON-INJECTABL			INJECTABLE WATERS	
Oil Based Cuttings Washout Water (N	and the second se		Washout Water (Injectable)	
			Completion Fluid/Flowback (Injectable)	
Water Based Cuttings Produced Water (Produced Formation Solids Gathering Line Water (Produced Water (Injectable) Gathering Line Water/Waste (Injectable)	
Tank Bottoms INTERNAL USE C			OTHER EXEMPT WASTES	
E&P Contaminated Soil Truck Washout (E Gas Plant Waste	xempt Waste)		(Types and generation process of the waste)	
WASTE GENERATION PROCESS: D Drilling	Completion	Prod	luction Gathering Lines	
전 가슴 것 같은 것 같은 것 같은 것 같은 것 같은 것				
Non-Exempt (All non-exempt E&P waste must be analyzed an	E&P Waste/Service Iden d be below the threshold limit			
Non-Exempt Other:		Please select fro	om Non-Exempt Waste List on back	
QUANTITY:B - Barrels			Y - Yards E - Each	
	L Liquid			
	<u>C-138</u>			
I hereby certify that according to the Resource Conservation and Reco	very Act (RCRA) and the US	Environmental P	rotection Agency's July 1988 regulatory determination, the	above
described waste load is (Check the appropriate classification)				
RCRA EXEMPT: Oil field wastes generated from oil accepts certifications on a per mon		duction operation	ns and are not mixed with non-exempt waste. (Gandy Marle	y, Inc.
			lards for waste hazardous by characteristics established in	
regulations, 40 CFR 261.21-261.24, demonstrating the waste as non-ha			FR, part 261, subpart D, as amended. The following documen ems as provided.)	tation
MSDS Information	RCRA Hazardous Waste		Other (Provide Description Below)	
		í.		
EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oil ous waste determination and a des				azard-
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE		SIGNATURE	
			n/. 1 1 mm	
harhedy Micha 11-2	-20	GN	11 therefore the	
NAME (PRINT) DATE	XU_	TITL	I VUT VITE AN I GALLAGE	2 ally

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Received by OCD: 11/24/2					Page 125 of 140
G.	NEW MEXICO NON-	HAZARDOUS OILFIELD WASTE	MANIFEST / DISPO	SAL HCKET	Company Man Contact Information Name
Winc.	3323	5			Phone No.
		GENERATO	<u>DR</u>	MA	
Operator No.	12월일(12) 김 <u>김 원</u> 일(12)		Location of Origin	MGU	1 77 /
Operator No Operators Name	RXD	the second second second second			
Address					
City, State, Zip					
Phone No		방법 지원 전 전 번호 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전	AFE/PO No	CIVE STR	
TRUCK TIM	IE STAMP	DISPOSAL FAC		B	ECEIVING AREA
1 1 2 2 2 2 2					14411
IN:O	JT:			Name/No.	LANDTIN
Site Name / Permit No. Comm	nercial Landfarm (NM-711-1	1-0020)	Phone No. 575-3	347-0434	
Address P.O. Box 1658 Ros	well, NM 88202				
NORM Readings Tal	ken? (Circle One) YES	NO	If YES, was reading	ng > 50 micro roent	tgens? (Circle One) YES NO
Pass the Paint Filter	Test? (Circle One) YES	NO			
	LE	TRANSPOR	TER		
Transporter's Name	TF		Driver's Name		the second s
Address			Print Name		
			Phone No		
Phone No.			Phone No Truck No	3-111	3
I hereby certify that the above na	amed material(s) was/were pic	ked up at the Generator's site	listed above and d	elivered without inci	ident to the disposal facility listed below.
			11-32	20 8	had her
SHIPMENT DATE	DRIVER'S SIGNATU	IRE	DELIVERY DA	ATE	DRIVER'S SIGNATURE
Exempt E	&P Waste/Service Identific	ation and Amount (Place v	olume next to wa	aste type in barrel	s or cubic yards)
Oil Based Muds	NON-INJEC	TABLE WATERS		INJECTABLE WAT	ERS
Oil Based Cuttings		ter (Non-Injectable)		Washout Water (In	
		Fluid/Flowback (Non-Injectable) ater (Non-Injectable)		Produced Water (I	Flowback (Injectable)
Produced Formation Solids		ne Water/Waste (Non-Injectable)			ater/Waste (Injectable)
Tank Bottoms	INTERNAL U			OTHER EXEMPT	
E&P Contaminated Soil Gas Plant Waste	Truck Washo	out (Exempt Waste)		(Types and genera	ation process of the waste)
WASTE GENERATION PROCESS	: Drilling	Completion	🖬 Produ	uction	Gathering Lines
		mpt E&P Waste/Service Ide			
(All non-exe	empt E&P waste must be analyze	ed and be below the threshold lin	mits for toxicity (TCL	P), ignition, corrosiver	ness, and reactivity.)
Non-Exempt Other:			*Please select from	n Non-Exempt Waste	List on back
QUANTITY:	B - Barrels	L - Liqui	d	Y - Yards	E - Each
			1215		
		<u>C-138</u>	\$315		
		Recovery Act (RCRA) and the L	JS Environmental Pro	otection Agency's July	y 1988 regulatory determination, the above
described waste load is (Check the		m oil and gas synlaration and n	reduction energians	and are not mixed u	vith non-exempt waste. (Gandy Marley, Inc.
RCRA EXEMPT:	accepts certifications on a per		roduction operations	s and are not mixed w	an non-exempt waste. (Gandy Maney, Inc.
RCRA NON-EXEMPT:	Oil field waste which is non-h	azardous that does not exceed	the minimum standa	ards for waste hazard	ous by characteristics established in RCRA
	regulations, 40 CFR 261.21-26		as defined by 40 CFF	R, part 261, subpart D	, as amended. The following documentation
MSDS Info	rmation	RCRA Hazardous Wa	iste Analysis		ther (Provide Description Below)
		an ailfield weats that has been a	rdared by the Deper		. (The order decumentation of non-horard
EMERGENCY NON-OILFIELD:		a description of the waste must a			 (The order, documentation of non-hazard-
(PRINT) AUTHORIZED AGI	ENTS SIGNATURE	DATE			SIGNATURE
the first of the	m / /				1 1 1 11
Kinherlin	Turshi 11	-3-20	GM	1	Uniter 1 110000
NAME (PRINT)	Dł	ATE	TITLE		SIGNATURE

Received by OCD: 11/24/		HAZARDOUS OILFIELD WASTE		SAL TICKET	Page 126 of 140 Company Man Contact Information
GA	NEW MEXICO NON-	HAZARDOUS OILFIELD WASTE	WANIFEST / DISPU	JSAL HORET	Name
YV inc.	3334	7	0.0		Phone No
- QVI-	2	GENERATO		n 2022	DI
Operator No.			Lease/Well	maco	
Operators Name					
Address					
City, State, Zip					
Phone No					
TRUCK TIM	IE STAMP	DISPOSAL FAC	CILITY	RE	CEIVING AREA
IN:OL	JT:			Name/No.	nort Fill
Site Name / Permit No. Comn	nercial Landfarm (NM-711-	1-0020)	Phone No. 575-	347-0434	
Address P.O. Box 1658 Ros			Salara Mary		
NORM Readings Tal	ken? (Circle One) YES	NO	If YES, was readi	ng > 50 micro roento	gens? (Circle One) YES NO
Pass the Paint Filter	Test? (Circle One) YES	NO			
		TRANSPOR	the state of the second st		
Transporter's Name					
Address					
			Phone No.	? Tick 1	104
Phone No					lent to the disposal facility listed below.
SHIPMENT DATE	DRIVER'S SIGNATL	IRE	DELIVERY D	ATE	DRIVER'S SIGNATURE
Exempt E	&P Waste/Service Identific	ation and Amount (Place v	olume next to w	aste type in barrels	or cubic yards)
Oil Based Muds	NON-INJEC	TABLE WATERS		INJECTABLE WATE	<u>RS</u>
e e e e e e e e e e e e e e e e e e e		ter (Non-Injectable)		Washout Water (Inje	
Water Based Muds Water Based Cuttings		Fluid/Flowback (Non-Injectable) ater (Non-Injectable)		Produced Water (In	lowback (Injectable)
		ne Water/Waste (Non-Injectable)			er/Waste (Injectable)
Tank Bottoms	INTERNAL U Truck Wash	JSE ONLY out (Exempt Waste)	-	OTHER EXEMPT W (Types and generat	/ASTES
Gas Plant Waste		out (Exempt Waste)			
WASTE GENERATION PROCESS	: Drilling	Completion	🗆 Prod	uction	Gathering Lines
	Non-Eve	mpt E&P Waste/Service Id	entification and	Amount	
(All non-exe		ed and be below the threshold lin			ess, and reactivity.)
Non-Exempt Other:			*Please select from	m Non-Exempt Waste L	ist on back
QUANTITY:	B - Barrels	L - Liqui	d <u>20</u>	Y - Yards	E - Each
		<u>C-138</u>			
I hereby certify that according to t described waste load is (Check the		Recovery Act (RCRA) and the L	IS Environmental Pr	rotection Agency's July	1988 regulatory determination, the above
RCRA EXEMPT:	Oil field wastes generated fro		roduction operation	s and are not mixed wi	th non-exempt waste. (Gandy Marley, Inc.
D	accepts certifications on a per				
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-26		as defined by 40 CF	R, part 261, subpart D,	us by characteristics established in RCRA as amended. The following documentation
MSDS Info	rmation	RCRA Hazardous Wa	ste Analysis	Oth	ner (Provide Description Below)
EMERGENCY NON-OILFIELD:		on-oilfield waste that has been o a description of the waste must a			(The order, documentation of non-hazard-
(PRINT) AUTHORIZED AGI	ENTS SIGNATURE	DATE			SIGNATURE
1.0					
1 JAV	Stage I the ladiest of	2.2			
Timotheleaso	212 11-6.	2010	GM	18	
NAME (PRINT)	DA	πe	TITL	E	SIGNATURE

Received by OCD: 11/24/2					Page 127 of 14
GA		HAZARDOUS OILFIELD WASTE	MANIFEST / DISI	POSAL HCKET	Company Man Contact Information Name
YVL inc.	3334	9			Phone No
		GENERATO		1 1 10	and the
Operator No.			Location of Orig	gin	6 H #1
Operator No Operators Name	ISXP				
Address			County		
City, State, Zip					
Phone No					
TRUCK TIN	/IE STAMP	DISPOSAL FA	<u>SILITY</u>		RECEIVING AREA
IN:OL	JT:			Name/No.	LANALIH
Site Name / Permit No. Comm		1-0020)	Phone No. 57	5-347-0434	
Address P.O. Box 1658 Ros					
NORM Readings Tal	ken? (Circle One) YES Test? (Circle One) YES	NO	If YES, was rea	ding > 50 micro	roentgens? (Circle One) YES NO
Pass the Paint Filter	Test? (Circle One) YES	NO TRANSPOR	TER		
Transporter's Name	+F	<u>Intation on</u>			图4-16-16-16-16-16-16-16-16-16-16-16-16-16-
Address					
			The No	2-1171	7
Phone No		ked up at the Generator's site			It incident to the disposal facility listed below.
	aned material(b) washiere pre	ned up at the denorator 3 site		- denvered withou	it molecule to the disposal facility listed below.
SHIPMENT DATE	DRIVER'S SIGNATU	IRE	DELIVERY	DATE	DRIVER'S SIGNATURE
	E&P Waste/Service Identific				
			volume next to		
Oil Based Muds Oil Based Cuttings		TABLE WATERS ater (Non-Injectable)		INJECTABLE Washout Wa	<u>= WALERS</u> Iter (Injectable)
Water Based Muds		Fluid/Flowback (Non-Injectable)			Fluid/Flowback (Injectable)
Water Based Cuttings		ater (Non-Injectable)			ater (Injectable)
Produced Formation Solids _ Tank Bottoms _	Gathering Li	ne Water/Waste (Non-Injectable)		ne Water/Waste (Injectable) MPT WASTES
E&P Contaminated Soil		out (Exempt Waste)			jeneration process of the waste)
Gas Plant Waste					
WASTE GENERATION PROCESS	: Drilling	Completion	🗆 Pro	duction	Gathering Lines
(All non-ex	Non-Exe empt E&P waste must be analyz	mpt E&P Waste/Service Id ed and be below the threshold li			osiveness and reactivity)
					Construction of the second
Non-Exempt Other:		the second s		11	Vaste List on back
QUANTITY:	B - Barrels	L - Liqu	id	Y - Yard	ls E - Each
		0 120			
		<u>C-138</u>			
I hereby certify that according to t described waste load is (Check the		Recovery Act (RCRA) and the L	JS Environmental	Protection Agency	's July 1988 regulatory determination, the above
		m oil and gas exploration and p	roduction operatio	ons and are not mi	xed with non-exempt waste. (Gandy Marley, Inc.
	accepts certifications on a per				
RCRA NON-EXEMPT:					azardous by characteristics established in RCRA
		61.24, or listed hazardous waste on-hazardous is attached. (Chec			part D, as amended. The following documentation
MSDS Info		RCRA Hazardous Wa			 Other (Provide Description Below)
	Imation		ISTE Analysis		
	· Emergency non-hazardous n	on-oilfield waste that has been o	rdered by the Der	artment of Public :	Safety. (The order, documentation of non-hazard-
		a description of the waste must			
(PRINT) AUTHORIZED AG	ENTS SIGNATURE	DATE			SIGNATURE
VA 1 1	11 /				Mr. B. J. A.M. /
Kimperly 1	Windha 11-	9.20	G	MI	Remarked a 1 March
NAME (PRINT)	D/	ATE	TIT		SIGNATURE

Released to Imaging: 4/9/2021 3:37:04 PM

Received by OCD: 11/24/2020 8:29:16 AM NEW MEXICO NON-HAZ	ARDOUS OILFIELD WASTE MA	NIFEST / DISPOSAL T	ICKET Company Man Contact Information
G			Name
VV <u>inc.</u> 33342	GENERATOR		Phone No
	Loc	cation of Origin ase/Well	mariti
Operator No	Le		
Address			
Other Others Zin			
City, State, Zip Phone No			
TRUCK TIME STAMP	DISPOSAL FACIL	<u>.11 Y</u>	RECEIVING AREA
IN: 10.09AM OUT:		Nam	ne/No
Site Name / Permit No. Commercial Landfarm (NM-711-1-00	20) Dh	one No. 575-347-0	434
Address P.O. Box 1658 Roswell, NM 88202			
	O If Y	'ES, was reading > 5	50 micro roentgens? (Circle One) YES NO
Pass the Paint Filter Test? (Circle One) YES N	0		
17E	TRANSPORTE		
Transporter's Name			
Address			
	Ph	one No	1126
Phone No I hereby certify that the above named material(s) was/were picked			
		11-9-20	
SHIPMENT DATE DRIVER'S SIGNATURE		DELIVERY DATE	DRIVER'S SIGNATURE
Exempt E&P Waste/Service Identification	on and Amount (Place volu	ime next to waste t	type in barrels or cubic yards)
Oil Based Muds NON-INJECTABL	LE WATERS	IN	JECTABLE WATERS
Oil Based Cuttings Washout Water (Water Based Muds Completion Fluic			ashout Water (Injectable)
Water Based Cuttings Produced Water			oduced Water (Injectable)
Produced Formation Solids Gathering Line W Tank Bottoms INTERNAL USE	· · · · ·		athering Line Water/Waste (Injectable)
E&P Contaminated Soil Truck Washout (I			pes and generation process of the waste)
Gas Plant Waste		66 (20) - 2	
WASTE GENERATION PROCESS: Drilling	Completion	Production	Gathering Lines
Non-Exempt (All non-exempt E&P waste must be analyzed a	t E&P Waste/Service Ident		
Non-Exempt Other:			-Exempt Waste List on back
QUANTITY:B - Barrels	L - Liquid	773	Y - Yards E - Each
	E Elgura		
	<u>C-138</u>		
I hereby certify that according to the Resource Conservation and Rec	overy Act (RCRA) and the US E	Environmental Protectio	on Agency's July 1988 regulatory determination, the above
described waste load is (Check the appropriate classification) RCRA EXEMPT: Oil field wastes generated from oi accepts certifications on a per mo		uction operations and	are not mixed with non-exempt waste. (Gandy Marley, Inc.
regulations, 40 CFR 261.21-261.24	4, or listed hazardous waste as c	lefined by 40 CFR, part	or waste hazardous by characteristics established in RCRA t 261, subpart D, as amended. The following documentation
demonstrating the waste as non-h			이 것 같아요. 그는 것 같아요. 아이는 것 같아요. 그는 것 같아요. 아이는 것 않는 것 같아요. 아이는 것 않는 것 같아요. 아이는 것 같아요. 아이는 것 같아요. 아이는 것 않는 것 같아요. 아이는 것 않는 것 않는 것 같아요. 아이는 것 않는 것 않는 것 같아요. 아이는 것 않는 것
MSDS Information	RCRA Hazardous Waste	Analysis	Other (Provide Description Below)
EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-o ous waste determination and a det			of Public Safety. (The order, documentation of non-hazard-
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE		SIGNATURE
the 1 m			Nº I ma
	20 .	GMI	SIGNATURE
NAME (PRINT) DATE Released to Imaging: 4/9/2021 3:37:04 PM		TITLE	SIGNALUKE SUPERIOR PRINTING SERVICE, INC.

Received by OCD: 11/24/	2020 8:29:16 AM	HAZARDOUS OILFIELD WASTE		OSAL TICKET	Page 129 of 140 Company Man Contact Information
Ga			MANIFEST / DISP	UGAL HURLI	Name
YVL inc.	3335	5			Phone No
		GENERATO	Location of Orig	in	MAIL #1
Operator No Operators Name	19 11 13		Lease/Well		164 #1
Operators Name	15XP		Name & No		
Address			County		
			API No		
City, State, Zip			Rig Name & No.		and the set of the set of the set of the set of the
Phone No			AFE/PO No		
TRUCK TIN	AE STAMP	DISPOSAL FAC			RECEIVING AREA
IN: 3:32 pm of				Name/No	Landfill
/					Prairie Constant and
Site Name / Permit No. Comr		-0020)	Phone No. 575	-347-0434	
Address P.O. Box 1658 Ros			10.100		
NORM Readings Ta	ken? (Circle One) YES r Test? (Circle One) YES	NO NO	If YES, was read	ing > 50 micro	roentgens? (Circle One) YES NO
	11-	TRANSPORT	TER		
Transporter's Name	TT		and the second		
Address					
		the second s			
Phone No.			Truck No.	2-11	7/
					ut incident to the disposal facility listed below.
			11-9.	30 V	The share
SHIPMENT DATE	DRIVER'S SIGNATU	RE	DELIVERY (DATE	DRIVER'S SIGNATURE
Exempt E	E&P Waste/Service Identific	ation and Amount (Place v	olume next to w	vaste type in b	arrels or cubic yards)
Oil Based Muds		TABLE WATERS		INJECTABL	<u>E WATERS</u>
Oil Based Cuttings		ter (Non-Injectable) Fluid/Flowback (Non-Injectable)			ater (Injectable) Fluid/Flowback (Injectable)
Water Based Cuttings		ater (Non-Injectable)			Vater (Injectable)
Produced Formation Solids		ne Water/Waste (Non-Injectable)			ine Water/Waste (Injectable)
Tank Bottoms	INTERNAL U Truck Washo	<u>SE ONLY</u> ut (Exempt Waste)	and the state of the		<u>EMPT WASTES</u> generation process of the waste)
Gas Plant Waste					
WASTE GENERATION PROCESS	: 🛛 Drilling	Completion	D Proc	luction	Gathering Lines
	Non-Exe	npt E&P Waste/Service Ide	entification and	Amount	
(All non-ex	empt E&P waste must be analyze				rosiveness, and reactivity.)
Non-Exempt Other:			*Please select fro	m Non-Exempt	Waste List on back
QUANTITY:	B - Barrels	L - Liqui	d	V - Yard	ds E - Each
		<u>C-138</u>			
I hereby certify that according to t described waste load is (Check the		Recovery Act (RCRA) and the U	S Environmental P	rotection Agency	y's July 1988 regulatory determination, the above
RCRA EXEMPT:		n oil and gas exploration and p	roduction operatior	ns and are not m	ixed with non-exempt waste. (Gandy Marley, Inc.
	accepts certifications on a per	month only basis.)			
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-26		as defined by 40 CF	R, part 261, sub	nazardous by characteristics established in RCRA part D, as amended. The following documentation .)
MSDS Info	rmation	RCRA Hazardous Wa	ste Analysis		Other (Provide Description Below)
			la	1.2.21	
EMERGENCY NON-OILFIELD		n-oilfield waste that has been o description of the waste must a			Safety. (The order, documentation of non-hazard-
(PRINT) AUTHORIZED AG	ENTS SIGNATURE	DATE			SIGNATURE
					at the first of the
Laboral I	timber in		01		A lat Aller 1
AMDENIG IN	april 117	20	GN		Timitily 1 Willing
NAME (PRINT)	DA	TE	TITL	E	SIGNATURE

Received by OCD: 11/24/202	20 8:29:16 AM	HAZARDOUS OILFIELD WASTE	MANIFEST / DISP	OSAL TICKET	Page 130 of 140 Company Man Contact Information
GM inc.					Name
	3334	GENERATO	B		Phone No
전 김 비원 태양 한 감격		M Minister and Market States		in MAI	(#/
Operator No.	V d				
Operators Name			Name & No		
Address			County		
			API No		
City, State, Zip			Rig Name & No.		
Phone No			AFE/PO No		
TRUCK TIME	STAMP	DISPOSAL FAC		RE	ECEIVING AREA
IN:OUT:					Landfill
Site Name / Permit No. Commerce		-0020)	Phone No. 575	-347-0434	
Address <u>P.O. Box 1658 Roswell</u> NORM Readings Taken		NO			
Pass the Paint Filter Tes		NO NO	IT YES, was read	ing > 50 micro roento	gens? (Circle One) YES NO
		TRANSPORT	TER		
Transporter's Name	K F				
Address					
Phone No.			Truck No.	- 1170	
					dent to the disposal facility listed below.
			11-4-	20 0	the second second
SHIPMENT DATE	DRIVER'S SIGNATU	RE	DELIVERY D	DATE	DRIVER'S SIGNATURE
Exempt E&P	Waste/Service Identific	ation and Amount (Place v	olume next to w	vaste type in barrels	s or cubic vards)
Oil Based Muds		ABLE WATERS		INJECTABLE WATE	
		ter (Non-Injectable)		Washout Water (Inj	the second se
		Fluid/Flowback (Non-Injectable)			lowback (injectable)
		ater (Non-Injectable) ne Water/Waste (Non-Injectable)		Produced Water (In Gathering Line Wat	njectable) ter/Waste (Injectable)
Tank Bottoms	INTERNAL U			OTHER EXEMPT V	VASTES
E&P Contaminated Soil	Truck Washo	ut (Exempt Waste)		(Types and generat	tion process of the waste)
Gas Plant Waste WASTE GENERATION PROCESS: □	Drilling	Completion	Proc		Gathering Lines
	Drining	a completion	L 1100	lacton	
		mpt E&P Waste/Service Ide			
(All non-exemp	t E&P waste must be analyze	ed and be below the threshold lir	nits for toxicity (TC	LP), ignition, corrosiven	ess, and reactivity.)
Non-Exempt Other:			*Please select fro	m Non-Exempt Waste I	List on back
QUANTITY:	B - Barrels	L - Liqui	d <u> </u>	Y - Yards	E - Each
		<u>C-138</u>			
I hereby certify that according to the F described waste load is (Check the app		Recovery Act (RCRA) and the U	IS Environmental P	rotection Agency's July	1988 regulatory determination, the above
C RCRA EXEMPT: Oi			roduction operatior	ns and are not mixed wi	ith non-exempt waste. (Gandy Marley, Inc.
			the minimum stend	lards for waste bazardo	ous by characteristics established in RCRA
re	gulations, 40 CFR 261.21-26	1.24, or listed hazardous waste a	as defined by 40 CF	R, part 261, subpart D,	as amended. The following documentation
		on-hazardous is attached. (Chec			
MSDS Informat	lion	RCRA Hazardous Wa	ste Analysis	L Oti	her (Provide Description Below)
		n-oilfield waste that has been o description of the waste must a			(The order, documentation of non-hazard-
(PRINT) AUTHORIZED AGENT	S SIGNATURE	DATE			SIGNATURE
					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
VI FILM		1			1 1 1 million
Runhechi Mai	abut It-	1-20	GN	11	contration Thereader
NAME (PRINT)	DA	TE	TITL	.E	SIGNATURE

Released to Imaging: 4/9/2021 3:37:04 PM

Received by OCD: 11/24/20.	20 8:29:16 AM NEW MEXICO NON-	HAZARDOUS OILFIELD WAST	E MANIFEST / DISP	OSAL TICKET	Page 131 of 14 Company Man Contact Information
GM inc					Name
YVL inc.	3334	CENEDAT	0.0		Phone No
		GENERAT	Location of Orig	in MAN	the second se
Operator No	1.		Lease/Well	11120	The second
Operator No Operators Name	XP		Name & No		
Address			County		
City, State, Zip					
Phone No.					
TRUCK TIME	STAMP	DISPOSAL FA	CILITY	REC	CEIVING AREA
IN: 7:52AMOUT				Namo/No	andfell
	·			Name/No.	and the
Site Name / Permit No. Commer	cial Landfarm (NM-711-	1-0020)	Phone No. 575	-347-0434	
Address Box 1658 Roswe	II, NM 88202				
NORM Readings Taker	n? (Circle One) YES	NO	If YES, was read	ling > 50 micro roentge	ens? (Circle One) YES NO
Pass the Paint Filter Te	st? (Circle One) YES	NO			
11	1	TRANSPOR	TER		
Transporter's Name	F		Driver's Name		
Address					
Phone No.			Truck No	2-1169	
		ked up at the Generator's site	listed above and	delivered without incide	ent to the disposal facility listed below.
			11-9-	20 1 -	
SHIPMENT DATE	DRIVER'S SIGNATU	IRE	DELIVERY		DRIVER'S SIGNATURE
Exempt E&F	Waste/Service Identifie	cation and Amount (Place	volume next to v	vaste type in barrels o	or cubic yards)
Oil Based Muds		TABLE WATERS		INJECTABLE WATER	
· · · · · · · · · · · · · · · · · · ·		ater (Non-Injectable) Fluid/Flowback (Non-Injectable)		Washout Water (Inject Completion Fluid/Flo	
Water Based Cuttings		ater (Non-Injectable)	Ma <u>nna Line</u> y	Produced Water (Inje	
		ne Water/Waste (Non-Injectable)	Gathering Line Water	r/Waste (Injectable)
	INTERNAL I			OTHER EXEMPT WA	ASTES
E&P Contaminated Soil Gas Plant Waste	Iruck Wash	out (Exempt Waste)		(Types and generatio	in process of the waster
WASTE GENERATION PROCESS:	Drilling	Completion	D Pro	duction	Gathering Lines
	- onning				
	Non-Exe	mpt E&P Waste/Service Ic	lentification and	Amount	
(All non-exem)	ot E&P waste must be analyz	ed and be below the threshold I	imits for toxicity (TC	CLP), ignition, corrosivenes	ss, and reactivity.)
Non-Exempt Other:			*Please select fro	om Non-Exempt Waste Lis	st on back
QUANTITY:	B - Barrels	L - Liqu	id	Y - Yards	E - Each
		<u>C-138</u>			
I hereby certify that according to the	Resource Conservation and	Recovery Act (RCRA) and the	JS Environmental F	Protection Agency's July 1	988 regulatory determination, the above
described waste load is (Check the ap					
	Dil field wastes generated fro ccepts certifications on a pe		production operatio	ns and are not mixed with	n non-exempt waste. (Gandy Marley, Inc.
n	egulations, 40 CFR 261.21-20	61.24, or listed hazardous waste	as defined by 40 C	FR, part 261, subpart D, as	s by characteristics established in RCRA s amended. The following documentation
d	emonstrating the waste as n	on-hazardous is attached. (Che	ck the appropriate it	ems as provided.)	
MSDS Information	ation	RCRA Hazardous Wa	aste Analysis	Other	er (Provide Description Below)
					The order, documentation of non-hazard-
c	us waste determination and	a description of the waste must	accompany this for	m.)	
(PRINT) AUTHORIZED AGEN	TS SIGNATURE	DATE			SIGNATURE
					to the frances of
A TA		1			al a an si
Kinhechis 114	Pahus It-	9-20	GN	ЛІ	contract / liter has
NAME (PRINT)		ATE	TIT	_E	SIGNATURE
Released to Imaging: 4/9/20					SUPERIOR PRINTING SERVICE, INC.

Received by OCD: 11/24/2020 8:29:16 AM NEW MEXICO NON-HAZARDOUS OILFIELD WAST	E MANIFEST / DISPOSAL TICKET Company Man Contact Information
G	Name
YVL inc. 33121 GENERAT	Phone No
1 2 4 2)	Location of Origin
Operator No.	Lease/Well
Operato s Name	Name & No.
Address	County
	API No
City, State, Zip	Rig Name & No
Phone No	AFE/PO No
TRUCK TIME STAMP DISPOSAL FA	CILITY RECEIVING AREA
IN: 8: 45 AMOUT:	Name/No. And G.H.
Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)	Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202	
NORM Readings Taken? (Circle One) YES NO	If YES, was reading > 50 micro roentgens? (Circle One) YES NO
Pass the Paint Filter Test? (Circle One) YES NO TRANSPOF	TEB 4%
Transporter's Name	Driver's Name
Address	Print Name
Phone No.	Phone No
I hereby certify that the above named material(s) was/were picked up at the Generator's sin	
	10:20-20 Mart Hour
SHIPMENT DATE DRIVER'S SIGNATURE	DELIVERY DATE DRIVER'S SIGNATURE
Exempt E&P Waste/Service Identification and Amount (Place	volume next to waste type in barrels or cubic yards)
Oil Based Muds NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Bäsed Cuttings Washout Water (Non-Injectable) Water Based Muds Completion Fluid/Flowback (Non-Injectable)	Washout Water (Injectable) Completion Fluid/Flowback (Injectable)
Water Based Nitus Completion Plutor Rowback (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids Gathering Line Water/Waste (Non-Injectabl	
Tank Bottoms INTERNAL USE ONLY E&P Contaminated Soil Truck Washout (Exempt Waste)	OTHER EXEMPT WASTES (Types and generation process of the waste)
Gas Plant Waste	
WASTE GENERATION PROCESS: Drilling Completion	Production Gathering Lines
Non-Exempt E&P Waste/Service I	dentification and Amount
(All non-exempt E&P waste must be analyzed and be below the threshold	
Non-Exempt Other:	*Please select from Non-Exempt Waste List on back
QUANTITY: B - Barrels L - Liq	uid Y - Yards E - Each
<u>C-138</u>	D405
I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the	US Environmental Protection Agency's July 1988 regulatory determination, the above
described waste load is (Check the appropriate classification)	production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc.
RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and accepts certifications on a per month only basis.)	production operations and are not mixed with non-exempt waste. (Galidy Maney, inc.
	d the minimum standards for waste hazardous by characteristics established in RCRA
regulations, 40 CFR 261.21-261.24, or listed hazardous wast demonstrating the waste as non-hazardous is attached. (Che	e as defined by 40 CFR, part 261, subpart D, as amended. The following documentation eck the appropriate items as provided.)
MSDS Information RCRA Hazardous W	
EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been	
ous waste determination and a description of the waste mus	t accompany this form.)
(PRINT) AUTHORIZED AGENTS SIGNATURE DATE	SIGNATURE
(PRINT) AUTHORIZED AGENTS SIGNATURE DATE	SIGNALUKE
he there was no	GMI
NAME (PRINT) DATE	TITLE SIGNATURE
Released to Imaging: 4/9/2021 3:37:04 PM	SUPERIOR PRINTING SERVICE, INC.

SUPERIOR PRINTING SERVICE, INC.

Received by OCD: 11/24/2		HAZARDOUS OILFIELD WASTE	MANIFEST / DISP	OSAL TICKET	P Company Man Col	age 133 of 140
G					Name	
YVL inc.	3313	3			Phone No	
		GENERATO		n nvn		
Operator No		~ R	Location of Origi	13XP	-	
Operator No Operators Name	und	e OXF	Name & No	17	Old #1	
Address			County			<u></u>
			API No			
City, State, Zip			Rig Name & No.			<u></u> 1;
Phone No			AFE/PO No			
TRUCK TIN	AE STAND	DISPOSAL FAC		DI	ECEIVING AREA	
					1	11
IN: <u>3:372M</u> OL	JT:			Name/No.	Land 11	11
Site Name / Permit No. Comn	nercial Landfarm (NM-711-	1-0020)	Phone No. 575-	-347-0434		
Address P.O. Box 1658 Ros						
NORM Readings Tal		NO	If YES, was read	ing > 50 micro roent	gens? (Circle One)	YES NO
Pass the Paint Filter	Test? (Circle One) YES	NO				
/	IF Dill	TRANSPORT	<u>rer</u>			
Transporter's Name			Driver's Name			
Address			Print Name			
			Phone No	3 - 1100		
Phone No			Truck No	5 - 1100	-	
I hereby certify that the above na	amed material(s) was/were pic	ked up at the Generator's site	listed above and	delivered without inci	dent to the disposal facil	ity listed below.
			1020	Call X	the bran	
SHIPMENT DATE	DRIVER'S SIGNATU		DELIVERY		DRIVER'S SIGNATUR	ie .
		cation and Amount (Place v	olume next to w			
Oil Based Muds Oil Based Cuttings		TABLE WATERS ater (Non-Injectable)		INJECTABLE WAT Washout Water (In	the second s	
		Fluid/Flowback (Non-Injectable)			Flowback (Injectable)	
0		ater (Non-Injectable)	1 <u></u> -	Produced Water (Ir		14 <u>00000000</u>
Produced Formation Solids	Gathering Li	ne Water/Waste (Non-Injectable)		Gathering Line Wa OTHER EXEMPT V	ter/Waste (Injectable)	
E&P Contaminated Soil		out (Exempt Waste)			tion process of the waste)	
Gas Plant Waste						
WASTE GENERATION PROCESS	: Drilling	Completion	Proc	luction	Gathering Lines	
(All non-exe		mpt E&P Waste/Service Ide ed and be below the threshold lir			ess, and reactivity)	
	D. D. mile			m Non-Exempt Waste		
QUANTITY:	B - Barrels	L - Liqui	d	Y - Yards	E -	Each
		C-138				
I hereby certify that according to t	he Resource Conservation and	and the state of the second state of the	S Environmental P	rotection Agency's July	1988 regulatory determin	ation the above
described waste load is (Check the		recovery not (nonin) and the o	o Environmentar i	rotection Agency 3 buly	root regulatory determin	
RCRA EXEMPT:	Oil field wastes generated from accepts certifications on a per	m oil and gas exploration and pr r month only basis.)	roduction operation	ns and are not mixed w	ith non-exempt waste. (Ga	andy Marley, Inc.
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-26	azardous that does not exceed to 51.24, or listed hazardous waste a	as defined by 40 Cf	R, part 261, subpart D,		
		on-hazardous is attached. (Checl				
MSDS Info	rmation	RCRA Hazardous Was	ste Analysis	U Ot	her (Provide Description B	elow)
			along the state of			
EMERGENCY NON-OILFIELD:		on-oilfield waste that has been or a description of the waste must a			. (The order, documentatio	n of non-hazard-
(PRINT) AUTHORIZED AGI	ENTS SIGNATURE	DATE			SIGNATURE	
11-1-1	n				111 11 11	111 /
Kunnecha	Turona 10	27-20	GN	11	umberlas	Monthe
NAME (PRINT)	DA	ATE	TITL	E	SIGNATURE	11

SIGNATURE SUPERIOR PRINTING SERVICE, INC.

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Received by OCD: 11/24/2		AZARDOUS OILFIELD WASTE		OSAL TICKET	Page 134 of 140 Company Man Contact Information
G	NEW MEXICO NON-P	AZARDOUS OILFIELD WASTE	IMANIFEST / DISF	OSAL HCKET	
YVL inc.	3313	0			Phone No
State .		GENERATO		in MA	
Operator No			Lease/Well	in Mark	++ /
Operators Name	3XP		Name & No		
Address			County		
		······	API No		
City, State, Zip			Rig Name & No	•	
Phone No			AFE/PO No		
TRUCK TIM	IE STAMP	DISPOSAL FA	CILITY	RI	ECEIVING AREA
IN: 1.14 11 OL	JT:			Name/No.	LANAFILL
Site Name / Permit No. Comm	nercial Landfarm (NM-711-1	-0020)	Phone No. 575	-347-0434	·····································
Address P.O. Box 1658 Rost		New York Company of the second			
NORM Readings Tak	ken? (Circle One) YES	NO	If YES, was read	ding > 50 micro roent	gens? (Circle One) YES NO
Pass the Paint Filter	Test? (Circle One) YES	NO	TED		
	+ E 2.11.	TRANSPOR			
Transporter's Name		<u>101_</u>			
Address					
Phone No.				3-1104	
					dent to the disposal facility listed below.
			10-2	9-20 8 1	hall -
SHIPMENT DATE	DRIVER'S SIGNATU	RE	DELIVERY		DRIVER'S SIGNATURE
Exempt E	&P Waste/Service Identific	ation and Amount (Place	volume next to	waste type in barrels	s or cubic yards)
Oil Based Muds		ABLE WATERS		INJECTABLE WAT	
Oil Based Cuttings Water Based Muds		er (Non-Injectable) iluid/Flowback (Non-Injectable)		Washout Water (In Completion Fluid/F	Jectable)
Water Based Cuttings	Produced Wa	ter (Non-Injectable)		Produced Water (In	njectable)
Produced Formation Solids _ Tank Bottoms _	Gathering Lir	e Water/Waste (Non-Injectable)	Gathering Line Wa OTHER EXEMPT V	ter/Waste (Injectable)
E&P Contaminated Soil		ut (Exempt Waste)			tion process of the waste)
Gas Plant Waste WASTE GENERATION PROCESS	: Drilling	Completion	🗅 Pro	duction	Gathering Lines
(All non-exe	Non-Exer empt E&P waste must be analyze	npt E&P Waste/Service Id			and reactivity)
Non-Exempt Other:	B - Barrels	L - Ligu		om Non-Exempt Waste Y - Yards	E - Each
QUANTIT:	D • Darreis	L - Liqu	iu	r - raius	L - Lacii
		<u>C-138</u>			
		Recovery Act (RCRA) and the l	JS Environmental	Protection Agency's July	/ 1988 regulatory determination, the above
described waste load is (Check the		a cil and see evolutation and s	veduction enoratio	ne and are not mived u	ith son events usets (Condu Marlau Inc
RCRA EXEMPT:	accepts certifications on a per		production operation	ins and are not mixed w	rith non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:		1.24, or listed hazardous waste	as defined by 40 C	FR, part 261, subpart D,	bus by characteristics established in RCRA as amended. The following documentation
MSDS Infor		RCRA Hazardous Wa			her (Provide Description Below)
EMERGENCY NON-OILFIELD:	Emergency non-hazardous, no ous waste determination and a				. (The order, documentation of non-hazard-
(PRINT) AUTHORIZED AGI	ENTS SIGNATURE	DATE			SIGNATURE
					-121 1
11 1 1		04 00			11 1 1 11 11
Augherid 11	UBDAU 10;	XTXU	GI		Asmilstalas I adaptions
NAME (PRINT)	DA	ΓE	דוד	LE	SIGNATURE

Acceived by OCD: 11/24/2	2020 8:29:16 AM				Page 135 of 1
G.	NEW MEXICO NON	-HAZARDOUS OILFIELD WASTE	MANIFEST / DISPO	SAL TICKET	Company Man Contact Information Name
YM_inc.	3310)5			Phone No.
		GENERATO		. 1	
Operator No			Lease/Well	MGUT	
Operator No Operators Name	2		Name & No		
Address			County		
			API No	and the second second	
City, State, Zip			Rig Name & No		
Phone No			AFE/PO No		
TRUCK TI	AE STAMP	DISPOSAL FAC		BE	CEIVING AREA
IN:0	UT:			Name/No.	anthalle and
Site Name / Permit No. Com	mercial Landfarm (NM-711-	-1-0020)	Phone No. 575-3	47-0434	
Address P.O. Box 1658 Ros					
NORM Readings Ta		NO	If YES, was reading	ng > 50 micro roentg	ens? (Circle One) YES NO
Pass the Paint Filte	r Test? (Circle One) YES	NO TRANSPOR	TED		
Transporter's Name	F Poll 2	TRANSPOR			
Address					
Phone No				elivered without incid	ent to the disposal facility listed below.
nereby certify that the above h	amed material(s) wasrwere pr	ched up at the denerator 3 site		14	
SHIPMENT DATE	DRIVER'S SIGNAT	URE	DELIVERY D	TE ha	DRIVER'S SIGNATURE
		ication and Amount (Place	volume next to w	aste type in barrels	or cubic vards)
Oil Based Muds		CTABLE WATERS		INJECTABLE WATE	
Oil Based Cuttings		/ater (Non-Injectable)		Washout Water (Inje	
		Fluid/Flowback (Non-Injectable)		Completion Fluid/Fl	
Water Based Cuttings Produced Formation Solids		Vater (Non-Injectable) _ine Water/Waste (Non-Injectable		Produced Water (Inj	ectable)ectable)ectable
Tank Bottoms	INTERNAL			OTHER EXEMPT W	ASTES
E&P Contaminated Soil	Truck Wash	nout (Exempt Waste)		(Types and generati	on process of the waste)
Gas Plant Waste WASTE GENERATION PROCESS		Completion	🗆 Produ	uction	Gathering Lines
WASTE GENERATION TROOLOG	. a brinnig	a completion	Li riou		
		empt E&P Waste/Service Id			
(All non-ex	empt E&P waste must be analy:	zed and be below the threshold li	mits for toxicity (TCL	P), ignition, corrosivene	ess, and reactivity.)
Non-Exempt Other:			*Please select from	n Non-Exempt Waste L	ist on back
QUANTITY:	B - Barrels	L - Liqu	id <u>20</u>	Y - Yards	E - Each
		0.400			
		<u>C-138</u>			
hereby certify that according to described waste load is (Check th		I Recovery Act (RCRA) and the L	JS Environmental Pro	otection Agency's July	1988 regulatory determination, the above
			roduction operations	and are not mixed wit	h non-exempt waste. (Gandy Marley, Inc.
같은 아이들은 일을 가지 않는 것이 없는 것이 없다.		61.24, or listed hazardous waste	as defined by 40 CFI	R, part 261, subpart D, a	us by characteristics established in RCRA as amended. The following documentation
RCRA NON-EXEMPT:		non-hazardous is attached (Cher			
RCRA NON-EXEMPT:	demonstrating the waste as r			the second s	er (Provide Description Below)
	demonstrating the waste as r	non-hazardous is attached. (Chec		the second s	er (Provide Description Below)
CRCRA NON-EXEMPT:	demonstrating the waste as r prmation b: Emergency non-hazardous, r	RCRA Hazardous Wa	aste Analysis ordered by the Depar	Oth	
CRCRA NON-EXEMPT:	demonstrating the waste as r prmation 9: Emergency non-hazardous, r ous waste determination and	RCRA Hazardous Watter that has been con-oilfield waste that has been con-oilfield waste that has been contained by the second seco	aste Analysis ordered by the Depar	Oth	
RCRA NON-EXEMPT: MSDS Info EMERGENCY NON-OILFIELD	demonstrating the waste as r prmation 9: Emergency non-hazardous, r ous waste determination and	RCRA Hazardous Wathon-oilfield waste that has been of a description of the waste must	aste Analysis ordered by the Depar	Oth	(The order, documentation of non-hazard-
RCRA NON-EXEMPT: MSDS Info EMERGENCY NON-OILFIELD	demonstrating the waste as r prmation 9: Emergency non-hazardous, r ous waste determination and	RCRA Hazardous Wathon-oilfield waste that has been of a description of the waste must	aste Analysis ordered by the Depar accompany this form	C Oth	(The order, documentation of non-hazard-
RCRA NON-EXEMPT: MSDS Info EMERGENCY NON-OILFIELD	demonstrating the waste as r prmation 9: Emergency non-hazardous, r ous waste determination and	RCRA Hazardous Wathon-oilfield waste that has been of a description of the waste must	aste Analysis ordered by the Depar	C Oth	(The order, documentation of non-hazard-

Received by OCD: 11/24/20		HAZARDOUS OILFIELD WASTE	MANIFEST / DISPO	OSAL TICKET Company Man Contact Info	
GA				Name	
YVL inc.	3314	6		Phone No.	
		GENERATO		in san ut	
Operator No			Lease/Well	in <u>11. 11. 11. 11. 11. 11. 11. 11. 11. 11</u>	
Operators Name			Name & No		
Address			County		
			API No		
City, State, Zip			Rig Name & No.		
Phone No			AFE/PO No.		
		DISPOSAL FAC			
TRUCK TIM	E STAMP	DIOLOGNETA		RECEIVING AREA	
IN:OU	T:		ALC: North	Name/No.	
Site Name / Permit No. Commo	ercial Landfarm (NM-711-	1-0020)	Phone No. 575-	-347-0434	
Address P.O. Box 1658 Rosw			Prione No		
NORM Readings Take		NO NO TRANSPOR		ling > 50 micro roentgens? (Circle One) YES	NO
Transporter's Name	- Cultield	Some Lil	Driver's Name		
Address					
			Phone No.		
Phone No.			Truck No.		
				delivered without incident to the disposal facility listed	l below.
SHIPMENT DATE	DRIVER'S SIGNATU	IRE	DELIVERY D	DATE DRIVER'S SIGNATURE	
Exempt E8	P Waste/Service Identific	ation and Amount (Place)	volume next to w	vaste type in barrels or cubic yards)	
Oil Based Muds		TABLE WATERS		INJECTABLE WATERS	
		iter (Non-Injectable)	<u> - 1. (1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1</u>	Washout Water (Injectable)	
		Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
Water Based Cuttings Produced Formation Solids		'ater (Non-Injectable) ne Water/Waste (Non-Injectable))	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)	
	INTERNAL U			OTHER EXEMPT WASTES	
E&P Contaminated Soil	Truck Wash	out (Exempt Waste)	1	(Types and generation process of the waste)	
Gas Plant Waste	D Drilling	Completion	D Drod		
WASTE GENERATION PROCESS:		Completion	🗆 Prod	duction 🔲 Gathering Lines	
(All non-exer		mpt E&P Waste/Service Id ed and be below the threshold li		Amount CP), ignition, corrosiveness, and reactivity.)	
Non-Exempt Other:			*Please select fro	om Non-Exempt Waste List on back	
QUANTITY:	B - Barrels	L - Liqui	id _20	Y - Yards E - Each	
		<u>C-138</u>			
I hereby certify that according to the described waste load is (Check the a		Recovery Act (RCRA) and the L	JS Environmental Pi	Protection Agency's July 1988 regulatory determination, th	e above
RCRA EXEMPT:	Oil field wastes generated fro accepts certifications on a per		roduction operation	ns and are not mixed with non-exempt waste. (Gandy Ma	rley, Inc.
RCRA NON-EXEMPT:	regulations, 40 CFR 261.21-26		as defined by 40 CF	dards for waste hazardous by characteristics established i FR, part 261, subpart D, as amended. The following docum rems as provided.)	
MSDS Inform		RCRA Hazardous Wa		Other (Provide Description Below)	
EMERGENCY NON-OILFIELD:		on-oilfield waste that has been o a description of the waste must		artment of Public Safety. (The order, documentation of non- m.)	-hazard-
(PRINT) AUTHORIZED AGE	NTS SIGNATURE	DATE		SIGNATURE	
				- · · ·	
		1		11/3	
bortic Killon	· 10/21	120	GM	AL LAK MARI	
NAME (PRINT)	D/	TE	TITL	SIGNATURE	
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Received by OCD: 11/24/2	2020 8:29:16 AM	-HAZARDOUS OILFIELD WASTE		OSAL TICKET	Page 137 of 140 Company Man Contact Information
G			WANIFEST / DISP	USAL HURET	Name
YV inc.	3316	52			Phone No
	RXD	GENERATO		in	A 17 A
Operator No			Lease/Well		MUST
Operators Name					
Address					
			API No	Tek	5 11
City, State, Zip					\$1111
Phone No			AFE/PO No		
TRUCK TIM	IE STAMP	DISPOSAL FAC	CILITY		RECEIVING AREA
IN: 5 3300 OL	JT:			Name/No	. lachrill
Site Name / Permit No. Comm	ercial Landfarm (NM-711-	1-0020)	Phone No. 575	-347-0434	and a state of the second state of the
Address P.O. Box 1658 Rosy		100207	Phone No	041 0404	
NORM Readings Tak		NO	If YES, was read	ling > 50 mic	ro roentgens? (Circle One) YES NO
	Test? (Circle One) YES	NO		Ŭ	
181	·	TRANSPOR	TER		
Transporter's Name	61 field	CIV	Driver's Name _		
Address					
			Phone No Truck No	19	# 1111
Phone No					
I hereby certify that the above na	imed material(s) was/were pi	cked up at the Generator's site	listed above and	delivered with	hout incident to the disposal facility listed below.
SHIPMENT DATE	DRIVER'S SIGNATI		DELIVERY		DRIVER'S SIGNATURE
		cation and Amount (Place v			
Oil Based Muds			Volume next to v		
Oil Based Cuttings		CTABLE WATERS ater (Non-Injectable)			BLE WATERS Water (Injectable)
		Fluid/Flowback (Non-Injectable)	10 1		on Fluid/Flowback (Injectable)
Water Based Cuttings Produced Formation Solids		Vater (Non-Injectable) .ine Water/Waste (Non-Injectable)			I Water (Injectable) g Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL			OTHER E	XEMPT WASTES
E&P Contaminated Soil Gas Plant Waste	Truck Wash	out (Exempt Waste)		(Types an	d generation process of the waste)
WASTE GENERATION PROCESS:	Drilling	Completion	Proc	luction	Gathering Lines
(All non-exe		empt E&P Waste/Service Id zed and be below the threshold li			orrosiveness, and reactivity.)
					ot Waste List on back
QUANTITY:	B - Barrels	L - Liqui		Y - Y	
QUANTITY.	D - Darreis	L - Liqui		T = T	
		C-138			
I hereby certify that according to the	he Resource Conservation and	A CONTRACTOR OF A DESCRIPTION OF A DESCRIPANTE A DESCRIPANTE A DESCRIPANTE A DESCRIPTION OF A DESCRIPTION OF	JS Environmental F	rotection Ager	ncy's July 1988 regulatory determination, the above
described waste load is (Check the	appropriate classification)				
RCRA EXEMPT:	Oil field wastes generated fro accepts certifications on a pe		roduction operation	ns and are not	mixed with non-exempt waste. (Gandy Marley, Inc.
RCRA NON-EXEMPT:					e hazardous by characteristics established in RCRA
		61.24, or listed hazardous waste non-hazardous is attached. (Cheo			ubpart D, as amended. The following documentation ed.)
MSDS Infor		RCRA Hazardous Wa			Other (Provide Description Below)
EMERGENCY NON-OILFIELD:		on-oilfield waste that has been c a description of the waste must			lic Safety. (The order, documentation of non-hazard-
(PRINT) AUTHORIZED AGE	INTS SIGNATURE	DATE			SIGNATURE
DSEX1	BACK	30 72	GN	/11	Unit
NAME (PRINT)	D	ATE	ТІТІ		SIGNATURE

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Received by OCD: 11/24/2020 8:29:16 AM NEW MEXICO NON-	HAZARDOUS OILFIELD WASTE	MANIFEST / DISPO	SAL TICKET	Page 138 of 1 Company Man Contact Information
GM inc. 3317				Name
YV <u>inc.</u> 3317	GENERATO	B		Phone No
Dperator NoBx			Mob	
Operators Name				
Address				
City, State, Zip				
Phone No		0		
TRUCK TIME STAMP	DISPOSAL FAC		REC	EIVING AREA
IN:OUT:			Name/No.	ist to 1
Site Name / Permit No. Commercial Landfarm (NM-711-	1-0020)	Phone No. 575-3		
Address P.O. Box 1658 Roswell, NM 88202		Phone No or o d		
NORM Readings Taken? (Circle One) YES	NO	If YES, was readir	g > 50 micro roentger	ns? (Circle One) YES NO
Pass the Paint Filter Test? (Circle One) YES	NO			
1 to ITIA	TRANSPORT	The second s		
ransporter's Name				
Address				
	and the second second second	Phone No.	1. 5 1	
Phone No			#1151	
hereby certify that the above named material(s) was/were pic			and the second	
SHIPMENT DATE DRIVER'S SIGNATU	IBF .	DELIVERY DA	<u>20 / </u>	DRIVER'S SIGNATURE
Exempt E&P Waste/Service Identific				
	TABLE WATERS		INJECTABLE WATERS	
	ater (Non-Injectable)		Washout Water (Inject	
	Fluid/Flowback (Non-Injectable)		Completion Fluid/Flow	
•	'ater (Non-Injectable) ne Water/Waste (Non-Injectable)		Produced Water (Injec Gathering Line Water/	
ank Bottoms INTERNAL U	JSE ONLY		OTHER EXEMPT WAS (Types and generation	
E&P Contaminated Soil Truck Wash	out (Exempt Waste)		(Types and generation	process of the waste)
WASTE GENERATION PROCESS: Drilling	Completion	🗅 Produ	ction	Gathering Lines
No. 2012	mat ESD Monte (Comise Ide	utification and f		
(All non-exempt E&P waste must be analyz	mpt E&P Waste/Service Ide ed and be below the threshold lin			, and reactivity.)
Non-Exempt Other:		*Please select from	Non-Exempt Waste List	on back
QUANTITY: B - Barrels	L - Liquid	1	Y - Yards	E - Each
	<u>C-138</u>			
hereby certify that according to the Resource Conservation and escribed waste load is (Check the appropriate classification)	Recovery Act (RCRA) and the U	S Environmental Pro	tection Agency's July 19	88 regulatory determination, the above
Oil field wastes generated fro accepts certifications on a pe		oduction operations	and are not mixed with i	non-exempt waste. (Gandy Marley, Inc
regulations, 40 CFR 261.21-26	azardous that does not exceed t 61.24, or listed hazardous waste a on-hazardous is attached. (Check	as defined by 40 CFF	, part 261, subpart D, as	by characteristics established in RCR/ amended. The following documentation
MSDS Information	RCRA Hazardous Was			(Provide Description Below)
EMERGENCY NON-OILFIELD: Emergency non-hazardous, no ous waste determination and	on-oilfield waste that has been or a description of the waste must a			ne order, documentation of non-hazard
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE			SIGNATURE
081 Bur 10-3.	- 21	GM	Un	hand
NAME (PRINT) D/	ATE	TITLE		SIGNATURE

Received by OCD: 11/24/2020 8:29:16 AM

Form C-141 Page 6 State of New Mexico Oil Conservation Division

Incident ID	NRM2019948612
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.
 A scaled site and sampling diagram as described in 19.15.29.11 NMAC
 Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
 Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
 Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name:	M.Y. (Merch) Merchant	Title:	Production Manager
Signature: 40	neif Afril &	Date:11/	23/2020
email: myme	erch@penrocoil.com	Telephone:	(575) 492-1236
OCD Only			
Received by: <u>Robe</u>	ert Hamlet	Date:	4/9/2021
remediate contaminatio	e OCD does not relieve the responsible part on that poses a threat to groundwater, surface th any other federal, state, or local laws and	e water, human h	ald their operations have failed to adequately investigate and ealth, or the environment nor does not relieve the responsible
Closure Approved by:	Robert Hamlet	Date	
Printed Name: Rob		Titl	e: Environmental Specialist - Advanced

District I 1625 N. French Dr., Hobbs, NM 88240	State of New Mexico	CONDITIONS
Phone:(575) 393-6161 Fax:(575) 393-0720 <u>District II</u> 811 S. First St., Artesia, NM 88210	Energy, Minerals and Natural Resources	Action 11307
Phone:(575) 748-1283 Fax:(575) 748-9720 District III	Oil Conservation Division	
1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170	1220 S. St Francis Dr.	
District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	Santa Fe, NM 87505	

CONDITIONS OF APPROVAL

				-			
Operator:				OGRI	D:	Action Number:	Action Type:
BXP O	PERATING, LLC	P.O. Box 7227	Dallas, TX75209		329487	11307	C-141
OCD Reviewer	Condition						
rhamlet	We have received your cl	osure report and final C-14	1 for Incident #NRM2019948612 MALJAMAR (RAYBURG UNIT #	1. thank you. This clos	sure is approved.	