Received by OCD; 9/23/2019/3:23:16 PM

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	1
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

DENIED

Responsible Party DJR Operating, LLC	OGRID 371838		
Contact Name Dave Brown	Contact Telephone	505-632-3476	
Contact email DBrown@djrllc.com Incident # (assigned to		by OCD)	
Contact mailing address 1 Road 3263 Aztec, NM 87410			
Location of	Release Source	Report dosnt meet requirements of 19.15.29.12 NMAC Operator did not provided Supporting Documents for Siting Critera/Depth to Water/ etc	
Latitude 36.4356419128	Longitude 108.1548	43549	
(NAD 83 in decimal	degrees to 5 decimal places)		
	Ct.	11	
Site Name Central Bisti Unit #4	Site Type: PxA we		

Init Letter Sect	tion Townshi	p Range	County
06	25N	12W	San Juan

Surface Owner: State Federal Tribal Private (Name: Navajo Tribal Trust)

Nature and Volume of Release

Crude Oil	Volume Released (bbls) To Be Determined	Volume Recovered (bbls) - To Be Determined
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
O CD I D .	1 1 0 0 1	

Cause of Release During the removal of surface equipment prior to the plugging, contamination was identified in what appears is a previously existing production pit unknown to us prior to the well being acquired by DJR Operating LLC in 2017. The site was delineated to provide an approximation of the areal extent. The Federal Indian Minerals Office recommended additional investigation and remediation be subject to direction from the Navajo Nation. DJR has contacted the Navajo Nation and is awaiting instructions on next steps.

Form C-141

Page 2

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	1466

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
	Initial Response
The responsible p	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
☑ Released materials has☐ All free liquids and re	s been secured to protect human health and the environment. ve been contained via the use of berms or dikes, absorbent pads, or other containment devices. coverable materials have been removed and managed appropriately. above have not been undertaken, explain why: Recoverable materials have not been removed pending
has begun, please attach a	AC the responsible party may commence remediation immediately after discovery of a release. If remediation narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the inform regulations all operators are re public health or the environmental failed to adequately investigat	nation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and equired to report and/or file certain release notifications and perform corrective actions for releases which may endanger ent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have e and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Dave Brown	Title: Manager of Government and Regulatory Affairs
Signature:	Date: 9/20/19
mail: DBrown@djrllc.com	Telephone: 505-632-3476
OCD Only	
eccived by:	Date:

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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?	100 (ft bgs)		
Did this release impact groundwater or surface water?			
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?			
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.			
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ⅓-mile of the lateral extents of the release Boring or excavation logs 			
 ☑ Boring or excavation logs ☑ Photographs including date and GIS information ☑ Topographic/Aerial maps ☑ Laboratory data including chain of custody 			

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.

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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: Dave frown

Title: Manager of Government and Regulatory Affairs

Date: 12/18/19

email: DBrown@dirllc.com

Telephone: 505-632-3476

DCD Only

Received by:

Date:

State of New Mexico Oil Conservation Division

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

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation poir ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29 ☑ Proposed schedule for remediation (note if remediation plan tires) 	12(C)(4) NMAC		
Deferral Requests Only: Each of the following items must be co	nfirmed as part of any request for deferral of remediation.		
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.			
Extents of contamination must be fully delineated.			
Contamination does not cause an imminent risk to human healt	h, the environment, or groundwater.		
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: Dave Brown Title: Manager of Government and Regulatory Affairs Date:			
email: DBrown@djrllc.com	Telephone: <u>505-632-3476</u>		
OCD Only			
Received by:	Date:		
☐ Approved with Attached Conditions of	Approval		
Signature:	Date:		

State of New Mexico Oil Conservation Division

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

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.

A scaled site and sampling diagram as described in 19.15.2	29.11 NMAC
Photographs of the remediated site prior to backfill or photomust be notified 2 days prior to liner inspection)	tos of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate O	DDC District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file cer may endanger public health or the environment. The acceptance should their operations have failed to adequately investigate and human health or the environment. In addition, OCD acceptance compliance with any other federal, state, or local laws and/or regrestore, reclaim, and re-vegetate the impacted surface area to the accordance with 19.15.29.13 NMAC including notification to the Printed Name: Dave Brown Signature: Email:	plete to the best of my knowledge and understand that pursuant to OCD rules tain release notifications and perform corrective actions for releases which of a C-141 report by the OCD does not relieve the operator of liability remediate contamination that pose a threat to groundwater, surface water, of a C-141 report does not relieve the operator of responsibility for ulations. The responsible party acknowledges they must substantially conditions that existed prior to the release or their final land use in e OCD when reclamation and re-vegetation are complete. Title: Manager of Government and Regulatory Affairs Date: Telephone: 505-632-3476
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible par remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws an	ty of liability should their operations have failed to adequately investigate and se water, human health, or the environment nor does not relieve the responsible d/or regulations.
Closure Approved by:	Date:
Closure Approved by: Printed Name:	Title:



December 6, 2019

Project #17035-0150

Phone: (505) 632-3476

Email: plehrman@djrllc.com

Mr. Paul Lehrman DJR Operating, LLC. 1 Road 3263 Aztec, New Mexico 87410

RE: SITE ASSESSMENT AND CLOSURE REPORT FOR A HISTORIC BLOW DOWN PIT LOCATED AT THE CENTRAL BISTI UNIT #4 WELL SITE (API: 30-045-13282), SAN JUAN COUNTY, NEW MEXICO

Dear Mr. Lehrman,

Enclosed please find the *Site Assessment and Closure Report* detailing site assessment, excavation, transportation, disposal, and confirmation soil sampling activities conducted at the Central Bisti Unit #4 well site, located in Section 6, Township 25N, Range 12W, San Juan County, New Mexico.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted, **ENVIROTECH, INC.**

Brittany Hall

Environmental Field Technician

bhall@envirotech-inc.com

Enclosure: Site Assessment and Closure Report

Cc: Client File Number 17035



SITE ASSESSMENT AND CLOSURE REPORT

LOCATION:
CENTRAL BISTI UNIT #4 WELL SITE
SECTION 6, TOWNSHIP 25N, RANGE 12W
SAN JUAN COUNTY, NEW MEXICO

CONTRACTED BY:
MR. PAUL LEHRMAN
DJR OPERATING, LLC.
1 ROAD 3263
AZTEC, NEW MEXICO 87410

PROJECT #17035-0150 NOVEMBER 2019

DJR OPERATING, LLC SITE ASSESSMENT AND CLOSURE REPORT **CENTRAL BISTI UNIT #4; API: 30-045-13282** SECTION 6, TOWNSHIP 25N, RANGE 12W SAN JUAN COUNTY, NEW MEXICO PROJECT #17035-0150

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Appendix D, Siting Criteria Documentation Appendix E, Laboratory Analytical Reports

Appendix F, EPA Method 418.1 Field Screening Results

Appendix G, Bill of Lading and Special Waste Manifests





Introduction

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by DJR Operating, LLC (DJR) to provide site assessment, excavation, and confirmation sampling activities for a historic blow down pit at the Central Bisti Unit #4 (CBU #4) well site (API:30-045-13282) located in Section 6, Township 25 North, Range 12 West, San Juan County, New Mexico; see **Figure 1**, *Vicinity Map*.

Site Assessment Activities

Pre-field Coordination

Prior to remediation activities, an underground utility locate request was submitted to New Mexico 811 on August 29, 2019. Copies of the notifications and permits are provided in **Appendix A, Notifications**.

Site Assessment

On September 4, 2019, Envirotech personnel arrived at the site to perform site assessment activities. Utilizing a miniature excavator, five (5) test pits were excavated within the area of the historic blow down pit. The test pits were identified as Center, East, South, North, and West. The total depths of each test pit below ground surface (bgs) are as follows:

• Center: 9 feet

East: 6 feetSouth: 7 feet

North: 5 feet bgs

West: 5' bgs

Field Screening

Field screening for volatile organic compounds (VOCs) was conducted with a photo-ionization detector (PID) organic vapor meter (OVM). Before beginning field screening, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas. Field analytical protocol followed the manufacture's operating procedure. The test pits were screened in the field for VOCs every foot, and field screening results are documented in **Appendix B**, *Field Notes*.

Soil Sample Collection

One (1) grab sample was collected from the test pit identified as Center at a depth of 8 feet bgs. The sample was placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech Analytical Laboratory. The sample was analyzed for total petroleum hydrocarbons (TPH) as gasoline, diesel, and oil range organics (GRO/DRO/ORO) using EPA Method 8015D; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using



EPA Method 8021B; and chlorides using EPA Method 300.0. Soil sample locations are illustrated in Figure 2, Site Assessment Map and Appendix C, Site Photography.

Regulatory Standards

The following New Mexico Oil Conservation Division (NMOCD) closure criteria from *Table 1* in 19.15.29.12 (E) New Mexico Administrative Code (NMAC) was used as the release closure criteria:

- Chloride 10,000 mg/kg
- TPH (GRO+DRO) 1,000 mg/kg
- TPH (GRO+DRO+ORO) 2,500 mg/kg
- BTEX 50 mg/kg
- Benzene 10 mg/kg

Siting criteria documentation is provided in Appendix D, Siting Criteria Documentation.

Laboratory Analytical Results

The soil sample collected for laboratory analysis reported TPH concentration as 386 mg/kg for GRO, 16,800 mg/kg for DRO, and 6,900 mg/kg for ORO, which exceeded the closure criteria. Chloride concentration was reported as 149 mg/kg; benzene concentration was reported as 1.58 mg/kg; and BTEX concentration was reported as 31.9 mg/kg. Analytical results are summarized in Appendix E, Laboratory Analytical Report and Table 1, Summary of Soil Analytical Results.

Based on field screening activities and the laboratory analytical results, Envirotech recommended further excavation of the historic blow down pit. Envirotech recommended the impacted area be excavated to approximately 20 feet by 15 feet by 12 feet bgs.

Remediation Activities

Pre-field Coordination

Prior to remediation activities, the underground utility locate request submitted to New Mexico 811 was renewed on September 16, 2019. Copies of the notifications and permits are provided in **Appendix A**, *Notifications*.

PCS Excavation

Excavation of the impacted area began on November 5, 2019. Prior to entering the site, a Job Safety Analysis was performed. The impacted area was excavated utilizing a trackhoe. The



excavation measured 24 feet by 26 feet with a depth ranging from 8 feet to 10 feet bgs. All contaminated soil was loaded directly into dump trucks to be transported for disposal at Envirotech's NMOCD permitted soil remediation facility, *Landfarm 2*, located near Hilltop, New Mexico. Excavation activities are illustrated in **Figure 3**, *Site Map* and **Appendix C**, *Site Photography*.

Soil Sample Field Screening

For field screening and confirmation sampling purposes, the excavation was divided into five (5) sections: West Wall, North Wall, East Wall, South Wall, and Base. The excavation was guided using field screening methods for VOCs and TPH. Field screening for VOCs was conducted with a PID-OVM. Prior to field screening, the PID-OVM was first calibrated with 100 ppm isobutylene gas. Soil samples collected were also analyzed in the field for TPH per EPA Method 418.1 using an Infracal Total Oil and Gas (TOG)/ TPH Analyzer. A 3-point calibration was completed prior to conducting soil analyses. Field analytical protocol followed the manufacture's operating procedure.

Field Screening Results

Six soil samples were collected from the excavation. Field screening results are as follows:

- Base Center @ 10': 1.8 ppm for VOCs and 600 mg/kg for TPH;
- Base Perimeter @ 8': 6.3 ppm for VOCs and 120 mg/kg for TPH;
- West Wall: 2.4 ppm for VOCs and 1,284 mg/kg for TPH;
- North Wall: 0.08 ppm for VOCs and 192 mg/kg for TPH;
- East Wall: 0.06 ppm for VOCs and 604 mg/kg for TPH; and
- South Wall: 0.03 ppm for VOCs and 80 mg/kg for TPH.

Field screening results are documented in Appendix B, Field Notes and Appendix F, EPA Method 418.1 Field Screening Results.

Confirmation Soil Sample Collection - November 12, 2019

Envirotech personnel returned to the site on November 12, 2019, to collected confirmation samples from the excavation. Prior to arriving to the site, notification was given to NMOCD and Navajo Nation Environmental Protection Agency (NNEPA) representatives. One (1) five-point composite sample was collected from each section. Confirmation sampling was witnessed by Steven Austin, NNEPA representative. Samples were placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech Analytical



Laboratory. Soil samples were analyzed for TPH as GRO/DRO/ORO using EPA Method 8015D; BTEX using EPA Method 8021B; and chlorides using EPA Method 300.0.

Laboratory Analytical Results

All soil samples collected for laboratory analysis returned results below the NMOCD closure criteria except for the Base Center which returned results of 1,220 mg/kg for DRO.

PCS Excavation and Confirmation Soil Sample Collection - November 22, 2019

Envirotech personnel returned to the site on November 22, 2019, to perform excavation of the Base Center and collect a confirmation sample. Utilizing a trackhoe, the Base Center was excavated in depth approximately 2 additional feet. The final excavation area measured 24 feet by 26 feet with a depth ranging from 8 feet to 12 feet bgs.

One (1) confirmation sample was collected from the Base Center. Confirmation sampling was witnessed by Cory Smith, NMOCD representative, and Steven Austin, NNEPA representative. The soil sample was placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech Analytical Laboratory and analyzed for TPH as GRO/DRO/ORO using EPA Method 8015D; BTEX using EPA Method 8021B; and chlorides using EPA Method 300.0. The Base Center soil sample returned results below the NMOCD closure criteria.

PCS Disposal and Site Restoration

Approximately 110 cubic yards of contaminated soil were excavated from the site and transported to Envirotech's NMOCD permitted soil remediation facility, *Landfarm 2*, located near Hilltop, New Mexico. To complete site restoration, clean backfill was transported to the site. The impacted area was backfilled and re-contoured to pre-incident condition on November 27, 2019. Transport and disposal documentation are provided in **Appendix G**, *Bills of Lading* and *Special Waste Manifest*.

Summary and Conclusions

On November 5 and 12, 2019, Envirotech personnel completed excavation and confirmation sampling of soil impacted by a historic blow down pit at the CBU #4 well site, San Juan County, New Mexico. Subsequently, Envirotech returned to the site on November 22, 2019, to further excavate and collect confirmation samples from the center base of the excavation which had undergone additional remediation excavation.





Based on the final laboratory analytical results of the excavation at the location, GRO, DRO, ORO, BTEX, and chlorides were below the applicable NMOCD and NNEPA Closure Criteria for Soils Impacted by a Release. DJR Operating will perform final reclamation of the site. Envirotech recommends **No Further Action** regarding the subject release site.

Statement of Limitations

The work and services provided by Envirotech were in accordance with NMOCD and NNEPA standards. All observations and conclusions provided here are based on the information and current site conditions found at the site of the incident. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,

ENVIROTECH, INC.

Brittany Hall

Environmental Field Technician

uttary Hall

bhall@envirotech-inc.com

Reviewed by:

Felipe Aragon, CHMM, CES

Environmental Assistant Manager

faragon@envirotech-inc.com

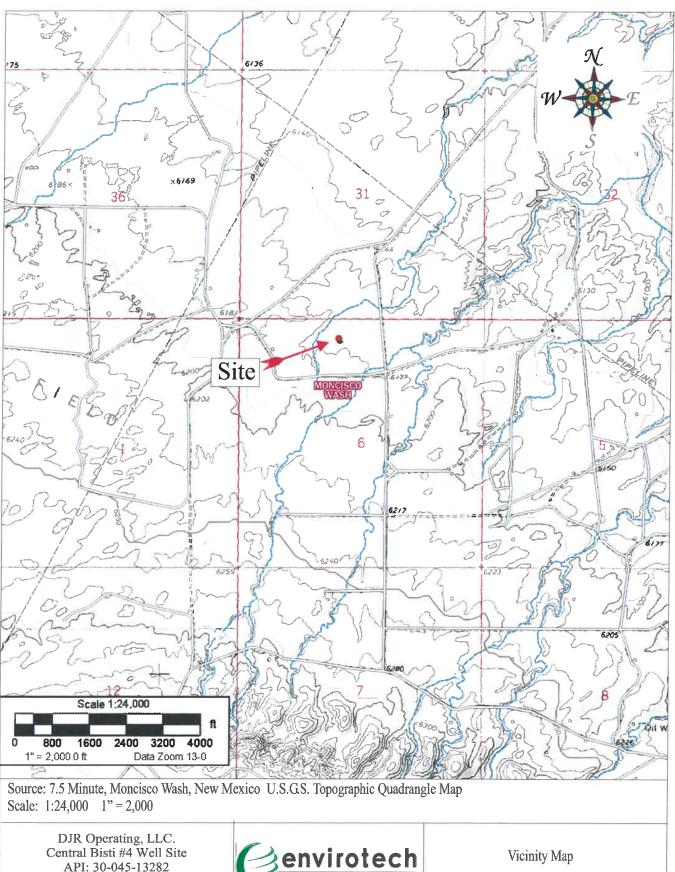
FIGURES

Figure 1, Vicinity Map

Figure 2, Site Assessment Map

Figure 3, Site Map





Project Number: 17035-0150

Date Drawn: 11/27/2019

Section 6, Township 25N, Range 12W

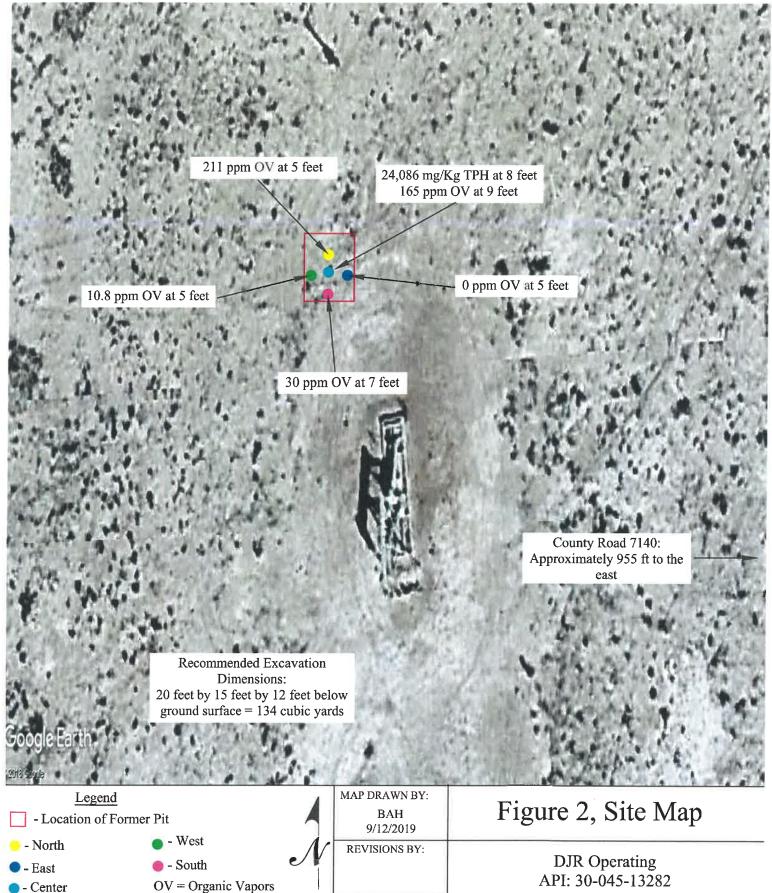
San Juan County, New Mexico 36.436299, -108.154418

5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615

Figure #1

DRAWN BY: **Brittany Hall**

PROJECT MANAGER: Felipe Aragon

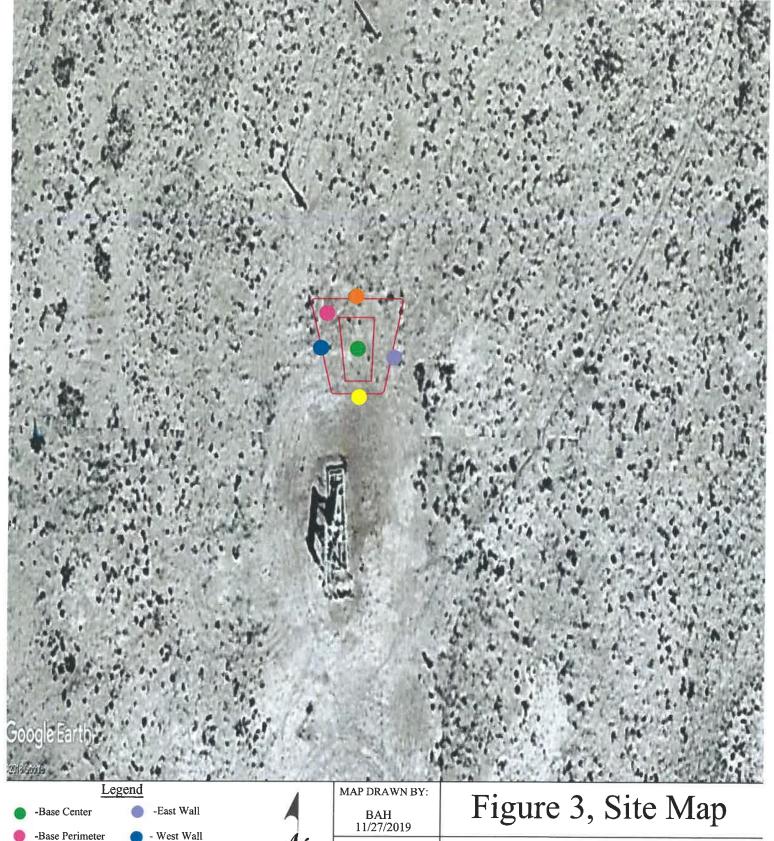


envirotech
5796 U.S. HIGHWAY 64. FARMINGTON. NM 87401 505-632-0615

APPROVED BY: FRA 9/16/2019

0 7.5 15 30

DJR Operating
API: 30-045-13282
Central Bisti Unit #4 Well Site
Section 6, Township 25N, Range 12W
36.435619128, -108.154843549
Sandoval County, New Mexico
Project #17035-0150





🎒 - North Wall

-South Wall

Sample points are a 5-point composite

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

REVISIONS BY: **BAH** 12/5/2019 APPROVED BY: NAME DATE 1"=30"

DJR Operating Central Bisti Unit #4 Closure Report Section 6, Township 25N, Range 12W 36.436299, -108.154418 San Juan County, New Mexico Project #17035-0150

TABLES

Table 1, Summary of Soil Analytical Results



Table 1, Summary of Soil Analytical Results
DJR Operating, LLC
Site Assessment and Closure Report
Central Bisti Unit #4; API: 30-045-13282
Section 6, Township 25N, Range 12W
San Juan County, New Mexico
Project #17035-0150

		Commis	EP.	A Method 8	EPA Method		
Sample Description*	Date	Sample Depth	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Tota
NMOCD Closure Criteria for	Soils Impacted	d by a Release	1,000	mg/kg		10	50
[Table	1 -19.15.29.1	2 (E) NMAC]	2,500 mg/kg			10 mg/kg	50
Center @ 8'	9/4/2019	1 - 3 inches	386	16,800	6,900	1.58	
West Wall	11/5/2019	1 - 3 inches	<20.0	327	271	NA	
North Wall	11/12/2019	1 - 3 inches	<20.0	<25.0	<50.0	< 0.025	
East Wall	11/12/2019	1 - 3 inches	<20.0	<25.0	<50.0	< 0.025	
South Wall	11/12/2019	1 - 3 inches	<20.0	<25.0	<50.0	< 0.025	
West Wall	11/12/2019	1 - 3 inches	<20.0	<25.0	<50.0	< 0.025	
Base Perimeter	11/12/2019	1 - 3 inches	<20.0	767	629	< 0.025	
Base Center	11/12/2019	1 - 3 inches	<20.0	1,220	933	< 0.025	
Base Center	11/22/2019	1 - 3 inches	<20.0	920	368	< 0.025	

^{*5-}point composite soil samples; BOLD - above NMOCD Closure Critieria

NA = Not Analyzed

Indicates Confirmation Closure Sample



APPENDIX A

Notifications



11035-0112



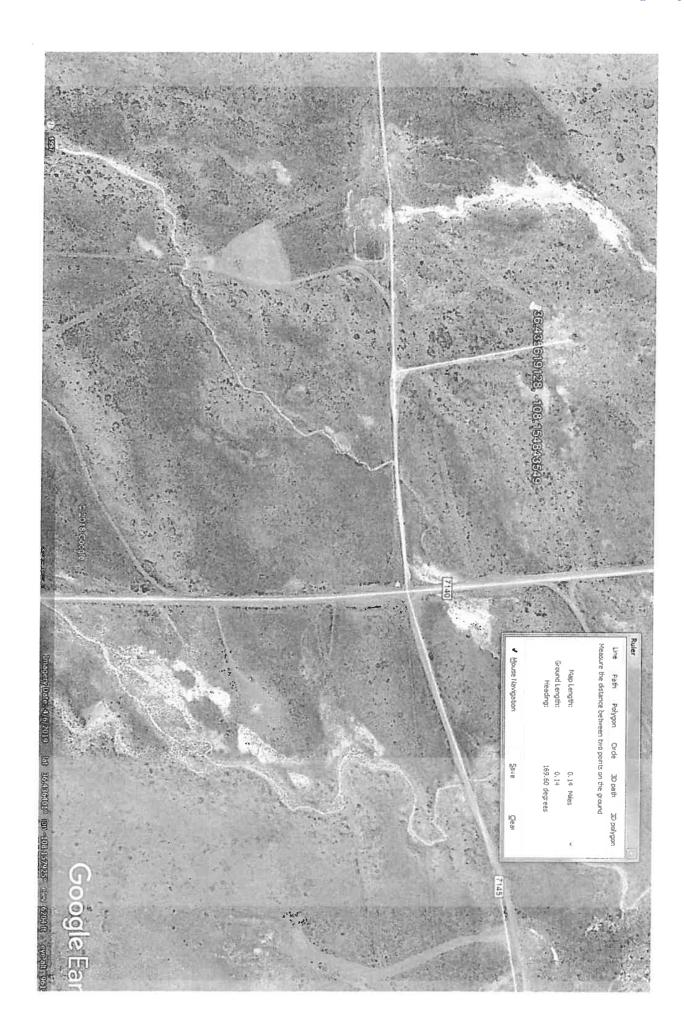
ONE CALL INFORMATION



Colorado: 811 New Mexico: 800-321-2537

Location Contral	O Buch	Uno	#44		Winter & Bloom In a co	101/ 1005	6-7			
				-	Ticket Number	19AG2905	8 1			
Re-spot	New		Reg.		Emergency	Reg. 1				
Date of One Call:		- · · · · · · · · · · · · · · · · · · ·	K to dig:		Date Expires:	9-24-19 14	:30			
Caller's Name:	Telipe	Araju			Operator's Name:					
Alternate Contact:					Phone Number :					
Work For:	1021	2		-	Type of Work:	Remodiatio.	7			
Explosive: (circle one)	YES	NO			Directional Boring: (circle one) YES NO					
Address: 36.435	619 -	-10s./	1484		County	5				
Nearest Town (if emerge	ency):	Skont	eld		_ Nearest Interse	ection: 74H)	71417			
Crew on Site		Crev	v En-route		Type of Service:	71401	7145			
Township: 250	Range:	124	Section:	6	Latitude:	Longitude:				
Driving Directions:	Inte	'Isecti	on of	7/9	5\$ 7140.	Dave we	P			
9	01	7145	0.	16 mi	les turn	wath on				
	Wiell	acces								
	510	An	sea 1	n oa	aire 0.14 .	e				
Area to Locate	h									
	-	Mark/	-							
Underground Facility Ow	ner	Clear	Date	Time	Responder Name	Responder Phone #				
TO STATE OF THE ST										





APPENDIX B

Field Notes



							-		
CLIENT:	DIL						Envmtl. S	pelst:	IGOC
CLIENT/JOB #:	1703	5-0150	10	envi	roted	h	C.O.C. No		
START DATE:			(505) 632-0615 (800) 362-1879				LAT		36.436299
FINISH DATE:			57	5796 U.S. Hwy 64, Farmington, NM 27401				~~	-108 154418
Page #		of							
Field Report: Spill Closure Verification									
NMOCD Ranking			=	Depth to	GW:	7100	WH Prote	ction Area:	No Yes
NMOCD TPH Cio LOCATION:	sure Std.:	2500		Distance t	osw: 4,5	281 17			
LOCATION:	Name:	Central	Bisti	unit	Well#: 4			API: 30-0	13282
	County:	San J	van		State: Nv	1			
Cause of Release:	Histo	nc blow	down pit	_Material R	eleased:	·		Amt. Release	ed: Un Enous
QUAD/UNIT	_C	SEC	<u> </u>	_ TWP:	25N	RNG	12 h	PM:	
Wellhead Lat/Long:	34.43	3564-108	1548Land	l Jurisdiction:	tribal		QTR Foota	ige:	
Spill Located Appro	ximately:	_59	_FT.		FROM	DIA	value		
Excavation Approx:		FT. X							
Disposal Facility:					Remediaton I	Method:			
Land Use:				Lease:			Land Owne	-r:	
				FIELD 418.	1 ANLAYS	IS			
SAMPLE DESCRI	PITION	TIME	SAMPLE I.D).	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
								_	
				,					
		W							
							-		
			-						
		OVM R	esults				Lab Testir	107	
Sample ID	Field Heads	space PID (ppm)	Sample ID	Field Headsp	ace PID (ppm)	Sample ID		Analysis Type	Time
			Junip. 4 12			Sample ID		Allalysis Type	i mie
See back									
							-		

Page 1 Of ____

21 - black, 1810

31 - black, 5trong odor

41 - black, 5trong 1271

51 - grey, odor 1271

61 - black, 5trong 1651

61 - grey, odor 2105

71 - grey, odor 2105

71 - grey, odor 312

Q1 - grey, odor 165

East

2'- gray odor 60

3'. Sry odor 60

4'- discovered, no odor

5'- signt no odor

6'- cient, crear o

11017h

2 discourse, odor 111

3 hock, strong 560

41 Chight little no odan 178

51 - Chew Clash 211

51 - Chew Clash 211

71 - 61244, groung 229

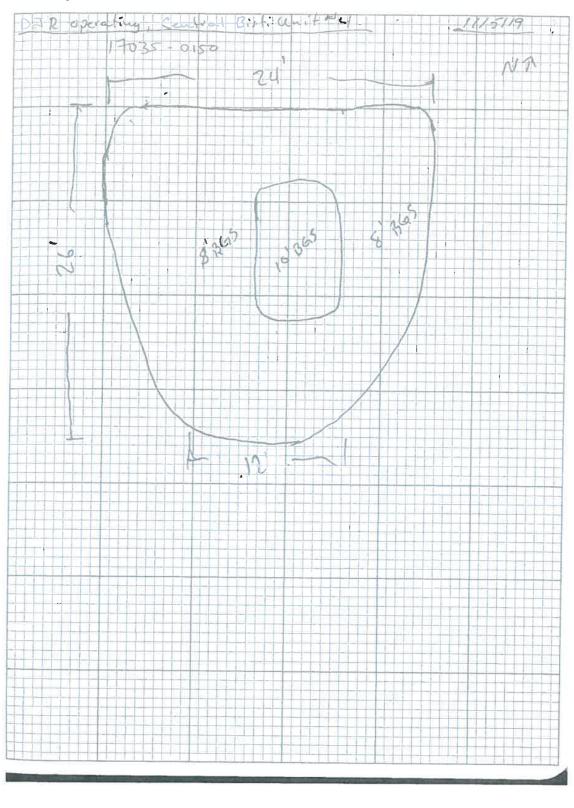
31 - 9044, odor 256

H' gray odor 985

51 - Clar 1 rodor 10,8

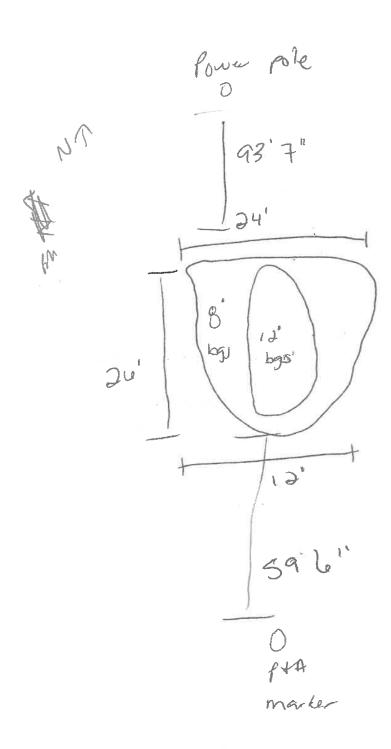
M

DIR operating, Co	tral Bist.	Unit 4		15/19
17035	aparta da atrada esta de esta de	Espac for		
				and which you is
Sample ID	Time	TPH	oun	
Base Conter @ 4'	10:00		890	
			146	
Bosic Center® 6'	10! 15		, 7 9	
Base Center @ 10'	1!06	150×4= 600	1.8	
Base perimeter 08"	11:09	30×45 120	(e, \$	
west wall	14:01	3 21 24 = 1284	2.4	
dorth Will	1113	48X44 192	108	
Eastwall	1:16	151 84= 604	.06	
South Wall	1:14	24×45 80	.03	
200 standard	12:42	186		
+++++++++++++++++++++++++++++++++++++++				
	++++	1		
		11-1-4-1-4-4-4		
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				+ + + + + + + + + + + + + + + + + + + +
				1
	• • • • • • • •			



			-				-		
CLIENT:	DI	2					Envmtl. S	pelst:	BHOOL
CLIENT/JOB#:	1703	7-0150	10	envi	rotes	h	C.O.C. No	•	
START DATE:	ulaa		112	envirotech (505) 632-0615 (800) 362-1879					
FINISH DATE:	- Control of the Cont			-	, Farmington, N		LONG		
Page #		of	1						
			eld Repor	t: Spill (losure V	erificatio	n		
NMOCD Ranking:				Depth to	GW:	400	WH Protect	ction Area:	Yes
NMOCD TPH Clos	ure Std.:	Den/600	TPH.	Distance t	o SW:		_		
LOCATION:	Name: (BU			Well #: 4		API:		
-	County:	San 3	Suan		State: N/	1			
Cause of Release:	unen	Ome		_Material R	eleased:			Amt. Release	ed: Unkny
QUAD/UNIT									
Wellhead Lat/Long:			Land	Jurisdiction:	tobal		QTR Foota	ge:	
Spill Located Approx	ximately:				The state of the later of the l			mare.	_
Excavation Approx:									
Disposal Facility:					Remediaton I			'm	
Land Use:				Lease:				: thou	
			I	FIELD 418.	1 ANLAYS	IS			
SAMPLE DESCRI	PITION	TIME	SAMPLE I.D		WEIGHT (g)	mL FREON	DILUTION	READING	CALC, ppm
900 std		833							510
Base Con	Tral	835	1		5	20	4	3	12
				-					
					-				
		OVM R	esults				Lab Testin	or .	
Sample ID	CECULIA C. DID CO.		Sample ID			Sample ID			
1	0.	0	oumpie (D			Sample ID		Analysis Type	Time
	-								
				 					

Page 1 Of_____



APPENDIX C

Site Photography



Site Assessment-September 4, 2019



Picture 1: Site Assessment Activities (View 1)



Picture 2: Site Assessment Activities (View 2)

Remediation Activities- November 5, 2019



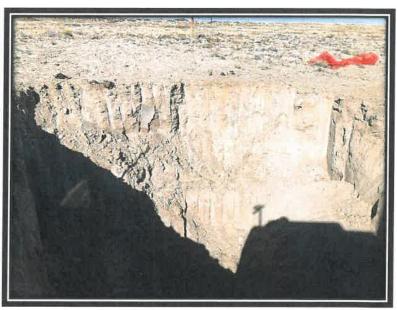
Picture 3: View of West Wall



Picture 4: View of Base Center and Base Perimeter



Picture 5: View of South Wall



Picture 6: View of North Wall



Picture 7: View of East Wall

Confirmation Sampling-November 12, 2019



Picture 8: View of West Wall with Pin Flags (indicating sampling points)



Picture 9: View of South Wall with Pin Flags (indicating sampling points)



Picture 10: View of Base Perimeter with Pin Flags (indicating sampling points)



Picture 11: View of North Wall with Pin Flags (indicating sampling points)



Picture 12: View of Base Center with Pin Flags (indicating sampling points)

Remediation and Confirmation Sampling-November 22, 2019



Picture 13: View of Additional Excavation of Base Center



Picture 14: View of Base Center Sampling Points



Picture 15: View of Recontoured Area (View 1)



Picture 16: View of Recontoured Area (View 2)

APPENDIX D

Siting Criteria Documentation



Practical Solutions for a Better Tomorrow

Site Name:	Central Bisti U	nit # 004		
API#:	30-045-13282			
Lat/Long:	36.4356419128,	-108.154843	549	
TRS:	660' FNL X 198	0' FWL Unit	"C" - Sec 6-T	25N-R12W
Land Jurisdiction:	Tribal Trust of In	ndian Allotme	ent	
County:	San Juan			
		T	I	
Wellhead Protection Area Assessment			_	
Water Source Type (well/spring/stock	In	T - 424 N	T	
pond)	ID	Latitude	Longitude	Distance
None				
Distance to Nearest Significant Watercourse				
4,281 ft Southwest - Gallegos Canyon	- 1-1			
Depth to Groundwater Determination				
Cathodic Report/Site Specific Hydrogeology	Not available			
Elevation Differential	109 ft higher that		nyon	
Water Wells	SJ 01716 DTW 2	210 ft		
Sensitive Receptor Determination				1 - 5
<300' of any continuously flowing watercourse of				No
<200' of any lakebed, sinkhole or playa lake (me				No
<300' of an occupied permanent residence, school				No
<500' of a spring or private/domestic water well	used by <5 housel	olds for dom	estic or stock	
watering purposes				No
<1000' of any water well or spring				No
Within incorporated municipal boundaries or wit	hin a defined mur	nicipal fresh v	vater well	No
300' of a wetland				No
Within the area overlying a subsurface mine				No
Within an unstable area				No
Within a 100-year floodplain				No
DTW Determination	≤50 □	50-100	>100 🕝	
Benzene	10	10	10	
BTEX (mg/kg)	50	50	50	
8015 TPH (GRO/DRO) (mg/kg)		1,000	1,000	
8015 TPH (GRO/DRO/MRO) (mg/kg)	100	2,500	2,500	
Chlorides (mg/kg)	600	10,000	20,000	



Practical Solutions of a Better Tomorrow

APPENDIX E

Laboratory Analytical Reports



Practical Solutions for a Better Tomorrow



Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 9/9/2019 Job Number: 17035-0113 Work Order: P909015

Project Name/Location: Central Bisti Unit

#4-Historic Blow Down Pit

Report Reviewed By:	Walter Hinkson	Date:	12/6/19	

Walter Hinchman, Laboratory Director

Supplement to analytical report generated on: 9/13/19 1:37 pm



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.

Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.

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Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.

Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

5796 Highway 64, Farmington, NM 87401

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DJR Operating, LLC Project Name: Central Bisti Unit #4-Historic Blow Down Pit

1 Rd 3263 Project Number: 17035-0113 Reported:

Aztec NM, 87410 Project Manager: Felipe Aragon 12/06/19 11:24

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Center @ 8'	P909015-01A	Soil	09/04/19	09/09/19	Glass Jar, 4 oz.
	P909015-01B	Soil	09/04/19	09/09/19	Glass Jar, 4 oz.

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DJR Operating, LLC

Project Name:

Central Bisti Unit #4-Historic Blow Down Pit

1 Rd 3263 Aztec NM, 87410 Project Number: Project Manager: 17035-0113 Felipe Aragon Reported: 12/06/19 11:24

Center @ 8' P909015-01 (Solid)

		P9090	15-01 (Soli	id)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	1.58	0.250	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8021B	
Toluene	3.44	0.250	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8021B	
Ethylbenzene	4.28	0.250	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8021B	
p,m-Xylene	15.1	0.500	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8021B	
o-Xylene	7.46	0.250	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8021B	
Total Xylenes	22.6	0.250	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		111 %	50-1	50	1937002	09/09/19	09/09/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DR	O/ORO								
Diesel Range Organics (C10-C28)	16800	2500	mg/kg	100	1937008	09/09/19	09/13/19	EPA 8015D	
Oil Range Organics (C28-C40)	6900	5000	mg/kg	100	1937008	09/09/19	09/13/19	EPA 8015D	
Surrogate: n-Nonane		%	50-2	00	1937008	09/09/19	09/13/19	EPA 8015D	Surr2
Nonhalogenated Organics by 8015 - GR	0								
Gasoline Range Organics (C6-C10)	386	200	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	50-1.	50	1937002	09/09/19	09/09/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	149	20.0	mg/kg	1	1937001	09/09/19	09/10/19	EPA 300.0/9056A	

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DJR Operating, LLC

Project Name:

Central Bisti Unit #4-Historic Blow Down Pit

1 Rd 3263

Project Number:

17035-0113 Felipe Aragon

Reported:

Aztec NM, 87410

Project Manager:

12/06/19 11:24

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1937002 - Purge and Trap EPA 5030A										
Blank (1937002-BLK1)				Prepared: 0)9/09/19 0 A	Analyzed: 0	9/09/19 2			
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	*							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	11							
o-Xylene	ND	0.0250	u							
Total Xylenes	ND	0.0250	17							
Surrogate: 4-Bromochlorobenzene-PID	9.25		"	8.00		116	50-150			
LCS (1937002-BS1)				Prepared: 0	9/09/19 0 A	Analyzed: 0	9/09/19 2			
Benzene	4.52	0.0250	mg/kg	5.00		90.3	70-130			
Toluene	4.55	0.0250	"	5.00		90.9	70-130			
Ethylbenzene	4.63	0.0250	11	5.00		92.5	70-130			
p,m-Xylene	9.39	0.0500	11	10.0		93.9	70-130			
o-Xylene	4.62	0.0250	q	5.00		92.4	70-130			
Total Xylenes	14.0	0.0250	Ü	15.0		93.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.30		#	8.00		116	50-150			
Matrix Spike (1937002-MS1)	Sou	rce: P909012-()1	Prepared: 0	9/09/19 0 A	analyzed: 0				
Benzene	4.60	0.0250	mg/kg	5.00	ND	91.9	54.3-133			
Toluene	4.64	0.0250	11	5.00	ND	92.7	61.4-130			
Ethylbenzene	4.71	0.0250	"	5.00	ND	94.2	61.4-133			
p,m-Xylene	9.58	0.0500	н	10.0	ND	95.8	63.3-131			
o-Xylene	4.71	0.0250	19	5.00	ND	94.3	63.3-131			
Total Xylenes	14.3	0.0250	tř	15.0	ND	95.3	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	9.30		п	8.00		116	50-150			
Matrix Spike Dup (1937002-MSD1)	Sou	rce: P909012-0)1	Prepared: 0	9/09/19 0 A	nalyzed: 09	9/10/19 0			
Benzene	4.25	0.0250	mg/kg	5.00	ND	85.1	54.3-133	7.73	20	
Toluene	4.30	0.0250	п	5.00	ND	85.9	61.4-130	7.60	20	
Ethylbenzene	4.37	0.0250	п	5.00	ND	87.5	61.4-133	7.42	20	
p,m-Xylene	8.91	0.0500	11	10.0	ND	89.1	63.3-131	7.26	20	
o-Xylene	4.39	0.0250	"	5.00	ND	87.8	63.3-131	7.11	20	
Total Xylenes	13.3	0.0250	ч	15.0	ND	88.7	63.3-131	7.21	20	

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8.00

118

50-150

9.40

5796 Highway 64, FarmIngton, NM 87401

Surrogate: 4-Bromochlorobenzene-PID

Ph (505) 632-0615 Fx (505) 632-1865



DJR Operating, LLC
Project Name: Central Bisti Unit #4-Historic Blow Down Pit

1 Rd 3263
Project Number: 17035-0113
Reported:
Aztec NM, 87410
Project Manager: Felipe Aragon 12/06/19 11:24

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1937008 - DRO Extraction EPA 3570										
Blank (1937008-BLK1)				Prepared: (09/09/19 1 A	Analyzed: 0	9/09/19 2			
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	н							
Surrogate: n-Nonane	50.4		"	50.0		101	50-200			
LCS (1937008-BS1)				Prepared: 09/09/19 1 Analyzed: 09/09/19 2						
Diesel Range Organics (C10-C28)	476	25.0	mg/kg	500		95.1	38-132			
Surrogate: n-Nonane	50.9		,,	50.0		102	50-200			
Matrix Spike (1937008-MS1)	Sour	rce: P909017-	03	Prepared: 0	9/09/19 1 <i>A</i>	Analyzed: 0	9/09/19 2			
Diesel Range Organics (C10-C28)	538	25.0	mg/kg	500	53.7	96.8	38-132			
Surrogate: n-Nonane	51.8		п	50.0		104	50-200			
Matrix Spike Dup (1937008-MSD1)	Sour	ce: P909017-0	03	Prepared: 0	9/09/19 1 A	Analyzed: 0	9/09/19 2			
Diesel Range Organics (C10-C28)	551	25.0	mg/kg	500	53.7	99.4	38-132	2.45	20	
Surrogate: n-Nonane	49.7		"	50.0		99.4	50-200			

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DJR Operating, LLC
Project Name: Central Bisti Unit #4-Historic Blow Down Pit

1 Rd 3263
Project Number: 17035-0113
Reported:
Aztec NM, 87410
Project Manager: Felipe Aragon 12/06/19 11:24

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Spike

Source

%REC

RPD

Reporting

		, .								
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1937002 - Purge and Trap EPA 5030A										
Blank (1937002-BLK1)				Prepared: (9/09/19 0 A	Analyzed: 0	9/09/19 2			
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		"	8.00		94.9	50-150			
LCS (1937002-BS2)				Prepared: 0	9/09/19 0 A	Analyzed: 0	9/09/19 2			
Gasoline Range Organics (C6-C10)	41.9	20.0	mg/kg	50.0		83.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		"	8.00	_	96.8	50-150			
Matrix Spike (1937002-MS2)	Sourc	e: P909012-	01	Prepared: 0	9/09/19 0 A	Analyzed: 09	9/10/19 0			
Gasoline Range Organics (C6-C10)	44.2	20.0	mg/kg	50.0	ND	88.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		p	8.00		95.1	50-150			
Matrix Spike Dup (1937002-MSD2)	Sourc	e: P909 01 2 -0	Prepared: 0	9/09/19 0 A	analyzed: 09	9/10/19 0				
Gasoline Range Organics (C6-C10)	41.9	20.0	mg/kg	50.0	ND	83.8	70-130	5.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		n	8.00		97.5	50-150			

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DJR Operating, LLC Project Name: Central Bisti Unit #4-Historic Blow Down Pit

1 Rd 3263 Project Number: 17035-0113 Reported:

Aztec NM, 87410 Project Manager: Felipe Aragon 12/06/19 11:24

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1937001 - Anion Extraction EPA 300.	.0/9056A									
Blank (1937001-BLK1)				Prepared: 0	09/09/19 0 A	Analyzed: 0	9/09/19 1			
Chloride	ND	20.0	mg/kg							
LCS (1937001-BS1)				Prepared: 0)9/09/19 0 A	Analyzed: 0	9/09/19 1			
Chloride	249	20.0	mg/kg	250		99.8	90-110			
Matrix Spike (1937001-MS1)	Sour	ce: P909013-	04	Prepared: 0)9/09/19 0 <i>A</i>	Analyzed: 0	9/09/19 1			
Chloride	1770	20.0	mg/kg	250	984	314	80-120			SPK1
Matrix Spike Dup (1937001-MSD1)	Sour	ce: P909013-	04	Prepared: 09/09/19 0 Analyzed: 09/09/19 1			9/09/19 1			
Chloride	1730	20.0	mg/kg	250	984	298	80-120	2.28	20	SPK1

QC Summary Report

Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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Ph (505) 632-0615 Fx (505) 632-1865



DJR Operating, LLC Project Name: Central Bisti Unit #4-Historic Blow Down Pit

1 Rd 3263 Project Number: 17035-0113 Reported:

Aztec NM, 87410 Project Manager: Felipe Aragon 12/06/19 11:24

Notes and Definitions

Surr2 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in

the sample extract.

SPK1 The spike recovery is outside of quality control limits.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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andmin@envirotech-inc.com

24 Hour Emergency Response Phone (800) 362-1879

Page 8 of 9

		Chain of Cus	stody												P	age _		0	f <u>}</u>
-		Report Attention				La	bι	Jse O	nly			1	AT	T		PA Pr			
n Pit Assessm	ent a Re	eport due by:		Lab	WO	#		Job	Nur	nbe	r	1D	3D	R	CRA	CV	/A	SD	WA
	<u>En</u>	nail:		P	209	DIS	5	9	705	7-02	20		Ī	İ					
	Ac	ddress:			•			Analy	/sis a	nd N	/letho	od	-				Sta	te	
	Cit	ty, State, Zip			П		1	T		T	П			Т	T	NM	CO	UT	A
-	. Ph	none:		8015		1 1				1			1	1			\neg		
garcia						l sa				1		1	1	1		$ \mathbf{x} $	1		
Sample ID)		Lab Number	YOH OY	втех	Chlorides											Rem	arks	
	•	Center @ 8'	1	x	х	х										2	4 oz Jai	rs, Coal	
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f this sample. I au impled by:Damor		pering with or intentionally mislabelling the sam	nple location, da	ite or t	ime of	collectio	n is				mai presi	ervation	must be	e receivi	ed on ice	the day to	hey are	sample	d or
VI9	me 3°27	Received by: (Signature) Received by: (Signature) Received by: (Signature)	Date 9 9 1	9		27		Rece	ivec	i on	ice:	La	b Us	e Or N	ıly				
Ti	me	Received by: (Signature)	Date		Time			T1 AVG	Ten	np °(_	T2 4			_	T3			_
Aqueous, O - C	4-1011111111111111111111111111111111111	done*	Container																
		angements are made. Hazardous samples s COC. The liability of the laboraotry is lim							the cl	lient e	xpens	e. The	repo	rt for	the ana	alysis ol	the a	bove	

5796 US Highway 64, Farmington, NIA 87401 Three Springs + 65 Mercado Street Suite 115 Durango (O #1)O1 Ph (505) 632 0615 Fx (505) 632 1865 Ph (970-759-0615 Fr 800) 362-1879

Page 9 of 9



Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 9/9/2019 Job Number: 97057-0220 Work Order: P909015

Project Name/Location: Central Bisti Unit #4-Historic Blow Down Pit

Report Reviewed By:	Walter Himperman	Date:	9/13/19	
	Walter Hinchman, Laboratory Director			



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.

Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.

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DJR Operating, LLC Project Name: Central Bisti Unit #4-Historic Blow Down Pit

1 Rd 3263 Project Number: 97057-0220 Reported:

Aztec NM, 87410 Project Manager: Felipe Aragon 09/13/19 13:37

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Center @ 8'	P909015-01A	Soil	09/04/19	09/09/19	Glass Jar, 4 oz.
	P909015-01B	Soil	09/04/19	09/09/19	Glass Jar, 4 oz.

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DJR Operating, LLC

1 Rd 3263

Project Name:

Central Bisti Unit #4-Historic Blow Down Pit

Project Number:

97057-0220

Reported: 09/13/19 13:37

Aztec NM, 87410 Project Manager:

Felipe Aragon

Center @ 8' P909015-01 (Solid)

		F 2020	15-01 (50	nu)					
		Reporting	·						
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	1.58	0.250	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8021B	
Toluene	3.44	0.250	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8021B	
Ethylbenzene	4.28	0.250	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8021B	
p,m-Xylene	15.1	0.500	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8021B	
o-Xylene	7.46	0.250	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8021B	
Total Xylenes	22.6	0.250	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		111 %	50-	150	1937002	09/09/19	09/09/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO	O/ORO								
Diesel Range Organics (C10-C28)	16800	2500	mg/kg	100	1937008	09/09/19	09/13/19	EPA 8015D	
Oil Range Organics (C28-C40)	6900	5000	mg/kg	100	1937008	09/09/19	09/13/19	EPA 8015D	
Surrogate: n-Nonane		%	50-	200	1937008	09/09/19	09/13/19	EPA 8015D	Surr2
Nonhalogenated Organics by 8015 - GRO)								
Gasoline Range Organics (C6-C10)	386	200	mg/kg	10	1937002	09/09/19	09/09/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	50	150	1937002	09/09/19	09/09/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	149	20.0	mg/kg	1	1937001	09/09/19	09/10/19	EPA 300.0/9056A	

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Page 3 of 9



DJR Operating, LLC Project Name: Central Bisti Unit #4-Historic Blow Down Pit

 1 Rd 3263
 Project Number:
 97057-0220
 Reported:

 Aztec NM, 87410
 Project Manager:
 Felipe Aragon
 09/13/19 13:37

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC	RPD	RPD Limit	Notes
Anatyte	Result	Ellilit	Ollits	Level	Resuit	70KEC	Lillins	KLD	Limit	Notes
Batch 1937002 - Purge and Trap EPA 5030A										
Blank (1937002-BLK1)				Prepared: (9/09/19 0 A	Analyzed: (9/09/19 2			
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	**							
Ethylbenzene	ND	0.0250	н							
p,m-Xylene	ND	0.0500								
o-Xylene	ND	0.0250	н							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	9.25		"	8.00		116	50-150			
LCS (1937002-BS1)				Prepared: 0	9/09/19 0 A	Analyzed: 0	9/09/19 2			
Benzene	4,52	0.0250	mg/kg	5.00		90.3	70-130			
Toluene	4.55	0.0250	*	5.00		90.9	70-130			
Ethylbenzene	4.63	0.0250	**	5.00		92.5	70-130			
o,m-Xylene	9.39	0.0500	н	10.0		93.9	70-130			
-Xylene	4.62	0.0250	н	5.00		92.4	70-130			
Total Xylenes	14.0	0.0250	н	15.0		93.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.30		n	8.00		116	50-150			
Matrix Spike (1937002-MS1)	Sou	rce: P909012-	01	Prepared: 0	9/09/19 0 A	nalyzed: 0	9/09/19 2			
Benzene	4.60	0.0250	mg/kg	5.00	ND	91.9	54.3-133			
Toluene	4.64	0.0250	u	5.00	ND	92.7	61.4-130			
Ethylbenzene	4.71	0.0250	**	5.00	ND	94.2	61.4-133			
ı,m-Xylene	9.58	0.0500	"	10.0	ND	95.8	63.3-131			
-Xylene	4.71	0.0250	ų	5.00	ND	94.3	63.3-131			
otal Xylenes	14.3	0.0250	n	15.0	ND	95.3	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	9.30		"	8.00		116	50-150			
Matrix Spike Dup (1937002-MSD1)	Sou	rce: P909012-0	01	Prepared: 0	9/09/19 0 A	nalyzed: 0	9/10/19 0			
Benzene	4.25	0.0250	mg/kg	5.00	ND	85.1	54.3-133	7.73	20	
oluene	4.30	0.0250	1116/116	5.00	ND	85.9	61.4-130	7.60	20	
thylbenzene	4.37	0.0250	11	5.00	ND	87.5	61.4-133	7.42	20	
,m-Xylene	8.91	0.0500	u	10.0	ND	89.1	63.3-131	7.26	20	
-Xylene	4.39	0.0250	,,	5.00	ND	87.8	63.3-131	7.11	20	
otal Xylenes	13.3	0.0250	**	15.0	ND	88.7	63.3-131	7.21	20	
urrogate: 4-Bromochlorobenzene-PID	9.40		"	8.00		118	50-150	,,,,,		
m	2.70			0.00		110	20-120			

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DJR Operating, LLC Project Name: Central Bisti Unit #4-Historic Blow Down Pit

1 Rd 3263 Project Number: 97057-0220 Reported:

Aztec NM, 87410 Project Manager: Felipe Aragon 09/13/19 13:37

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

	Reporting		Spike	Source		%REC		RPD	
Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
			Prepared: (09/09/19 1 A	Analyzed: 0	9/09/19 2			
ND	25.0	mg/kg							
ND	50.0	"							
50.4		"	50.0		101	50-200			
			Prepared: 0)9/09/19 1 A	Analyzed: 0	9/09/19 2			
476	25.0	mg/kg	500		95.1	38-132			
50.9		"	50.0		102	50-200			
Sour	ce: P909017-0	03	Prepared: 0	9/09/19 1 A	analyzed: 0	9/09/19 2			
538	25.0	mg/kg	500	53.7	96.8	38-132			
51.8		н	50.0		104	50-200			
Sour	ce: P909017-0)3	Prepared: 0	9/09/19 1 A	nalyzed: 0	9/09/19 2			
551	25.0	mg/kg	500	53.7	99.4	38-132	2.45	20	
49.7		n	50.0		99.4	50-200			
	ND ND 50.4 476 50.9 Sour 538 51.8 Sour 551	Result Limit ND 25.0 ND 50.0 50.4 476 25.0 50.9 Source: P909017-1 538 25.0 51.8 Source: P909017-1 551 25.0	ND 25.0 mg/kg ND 50.0 "	Result Limit Units Level Prepared: (a) ND 25.0 mg/kg ND 50.0 " 50.4 " 50.0 Prepared: (a) 476 25.0 mg/kg 500 50.9 " 50.0 Source: P909017-03 Prepared: (a) 51.8 " 50.0 Source: P909017-03 Prepared: (a) 551 25.0 mg/kg 500	ND 25.0 mg/kg ND 50.0 Prepared: 09/09/19 1 A	Result Limit Units Level Result %REC Prepared: 09/09/19 1 Analyzed: 0 ND 25.0 mg/kg mg/kg	Result Limit Units Level Result %REC Limits Prepared: 09/09/19 1 Analyzed: 09/09/19 2 ND 25.0 mg/kg mg/kg </td <td>Result Limit Units Level Result %REC Limits RPD Prepared: 09/09/19 1 Analyzed: 09/09/19 2 ND 25.0 mg/kg ND 101 50-200 50.4 " 50.0 101 50-200 Prepared: 09/09/19 1 Analyzed: 09/09/19 2 476 25.0 mg/kg 500 95.1 38-132 50.9 " 50.0 102 50-200 Source: P909017-03 Prepared: 09/09/19 1 Analyzed: 09/09/19 2 51.8 " 50.0 53.7 96.8 38-132 51.8 " 50.0 104 50-200 Source: P909017-03 Prepared: 09/09/19 1 Analyzed: 09/09/19 2 551 25.0 mg/kg 500 53.7 99.4 38-132 2.45</td> <td>Result Limit Units Level Result %REC Limits RPD Limit Prepared: 09/09/19 1 Analyzed: 09/09/19 2 ND 25.0 mg/kg 50.0 101 50-200 Prepared: 09/09/19 1 Analyzed: 09/09/19 2 476 25.0 mg/kg 500 95.1 38-132 50.9 " 50.0 102 50-200 Source: P909017-03 Prepared: 09/09/19 1 Analyzed: 09/09/19 2 538 25.0 mg/kg 500 53.7 96.8 38-132 51.8 " 50.0 104 50-200 Source: P909017-03 Prepared: 09/09/19 1 Analyzed: 09/09/19 2 551 25.0 mg/kg 500 53.7 99.4 38-132 2.45 20</td>	Result Limit Units Level Result %REC Limits RPD Prepared: 09/09/19 1 Analyzed: 09/09/19 2 ND 25.0 mg/kg ND 101 50-200 50.4 " 50.0 101 50-200 Prepared: 09/09/19 1 Analyzed: 09/09/19 2 476 25.0 mg/kg 500 95.1 38-132 50.9 " 50.0 102 50-200 Source: P909017-03 Prepared: 09/09/19 1 Analyzed: 09/09/19 2 51.8 " 50.0 53.7 96.8 38-132 51.8 " 50.0 104 50-200 Source: P909017-03 Prepared: 09/09/19 1 Analyzed: 09/09/19 2 551 25.0 mg/kg 500 53.7 99.4 38-132 2.45	Result Limit Units Level Result %REC Limits RPD Limit Prepared: 09/09/19 1 Analyzed: 09/09/19 2 ND 25.0 mg/kg 50.0 101 50-200 Prepared: 09/09/19 1 Analyzed: 09/09/19 2 476 25.0 mg/kg 500 95.1 38-132 50.9 " 50.0 102 50-200 Source: P909017-03 Prepared: 09/09/19 1 Analyzed: 09/09/19 2 538 25.0 mg/kg 500 53.7 96.8 38-132 51.8 " 50.0 104 50-200 Source: P909017-03 Prepared: 09/09/19 1 Analyzed: 09/09/19 2 551 25.0 mg/kg 500 53.7 99.4 38-132 2.45 20

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DJR Operating, LLC Project Name: Central Bisti Unit #4-Historic Blow Down Pit

1 Rd 3263 Project Number: 97057-0220 Reported:

Aztec NM, 87410 Project Manager: Felipe Aragon 09/13/19 13:37

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Spike

Source

%REC

RPD

Reporting

I		responding.		Dpike	Boulee		/uiceC		KI D	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1937002 - Purge and Trap EPA 5030A										
Blank (1937002-BLK1)				Prepared: (09/09/19 0 2	Analyzed: 0	9/09/19 2			
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		"	8.00		94.9	50-150			
LCS (1937002-BS2)				Prepared: (09/09/19 0 A	Analyzed: 0	9/09/19 2			
Gasoline Range Organics (C6-C10)	41.9	20.0	mg/kg	50.0		83.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		н	8.00		96.8	50-150			
Matrix Spike (1937002-MS2)	Source	e: P909012-	01	Prepared: (09/09/19 0 /	Analyzed: 0	9/10/19 0			
Gasoline Range Organics (C6-C10)	44.2	20.0	mg/kg	50.0	ND	88.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		"	8.00		95.1	50-150			
Matrix Spike Dup (1937002-MSD2)	Sourc	e: P909012-	01	Prepared: (09/09/19 0 A	Analyzed: 0	9/10/19 0			
Gasoline Range Organics (C6-C10)	41.9	20.0	mg/kg	50.0	ND	83.8	70-130	5.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		"	8.00		97.5	50-150			

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DJR Operating, LLC
Project Name: Central Bisti Unit #4-Historic Blow Down Pit

1 Rd 3263
Project Number: 97057-0220
Reported:
Aztec NM, 87410
Project Manager: Felipe Aragon
09/13/19 13:37

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1937001 - Anion Extraction EPA 30	0.0/9056A									
Blank (1937001-BLK1)				Prepared: (09/09/19 0 A	Analyzed: 0	9/09/19 1			
Chloride	ND	20.0	mg/kg							
LCS (1937001-BS1)				Prepared: 0)9/09/19 0 <i>A</i>	Analyzed: 0	9/09/19 1			
Chloride	249	20.0	mg/kg	250		99.8	90-110			
Matrix Spike (1937001-MS1)	Sour	ce: P909013-0	04	Prepared: 0	9/09/19 0 /	Analyzed: 0	9/09/19 1			
Chloride	1770	20.0	mg/kg	250	984	314	80-120			SPK1
Matrix Spike Dup (1937001-MSD1)	Sour	ce: P909013-()4	Prepared: 0	9/09/19 0 A	Analyzed: 0	9/09/19 1			
Chloride	1730	20.0	mg/kg	250	984	298	80-120	2.28	20	SPK1

QC Summary Report

Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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DJR Operating, LLC Project Name: Central Bisti Unit #4-Historic Blow Down Pit

 1 Rd 3263
 Project Number:
 97057-0220
 Reported:

 Aztec NM, 87410
 Project Manager:
 Felipe Aragon
 09/13/19 13:37

Notes and Definitions

Surr2 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in

the sample extract.

SPK1 The spike recovery is outside of quality control limits.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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admin@envirotech-inc.con

		Chain of Cu	ustody												Pa	age	of <u>}</u>
		Report Attention				La	bί	Jse O	nly			T	AT	T	EF	A Progr	
n Pit Assessment	ta Re	port due by:		Lab	WO	#		Job	Nur	nber		1D	3D	RCI		CWA	SDW
	<u>En</u>	<u>nail:</u>		P	109	1015	5	9	705	7-02	20						
	Ad	dress:						Analy	ysis a	nd N	letho	d				Sta	ate
	Cit	y, State, Zip		[V			-	T	П					П		NM CO	UTA
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<u>garcia</u>				\ <u>\</u>		y:			1	1		l				×	
Sample ID			Lab Number	TPH 6	BTEX	Chlorides										Ren	narks
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Time		Received by: (Signature)	Date		Time			T1 AVG	Ten	np °C		T2 4			_ :	ГЗ	
Aqueous, O - Oth	er	95	Container	Туре	e: g -	glass,	p-		_			nber	glass	, v - V	OA		
		angements are made. Hazardous sampl COC. The liability of the laboraotry is li	es will be retur	ned to	dien	or disp	pose	ed of at								lysis of the	above

oratory

5796 US Highway 64, Farmington, HM 87401 Three Springs + 65 Mercado Street Sulte 115 Durango CO 81301 Ph (505) 632 0615 Fx (505) 637 1865 Ph (970 759 0615 Fx 800) 362 1879 enviroueth-inc.com



Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 11/5/2019 Job Number: 17035-0113 Work Order: P911014

Project Name/Location: Central Bisti Unit #4

Report Reviewed By:	Walter Hankson	Date:	11/7/19	
	Walter Hinchman, Laboratory Director			



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.

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DJR Operating, LLC

Project Name:

Central Bisti Unit #4

1 Rd 3263 Aztec NM, 87410 Project Number: Project Manager: 17035-0113 Felipe Aragon

Reported: 11/07/19 07:14

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
West Wall	P911014-01A	Soil	11/05/19	11/05/19	Glass Jar, 4 oz.

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DJR Operating, LLC

Project Name:

Central Bisti Unit #4

1 Rd 3263 Aztec NM, 87410 Project Number: Project Manager: 17035-0113 Felipe Aragon

Reported: 11/07/19 07:14

West Wall P911014-01 (Solid)

		17110	14-01 (SUIII)					
		Reporting						
Analyte	Result	Limit	Units Dilution	Batch	Prepared	Analyzed	Method	Notes
Nonhalogenated Organics by 8015 - DR	O/ORO							
Diesel Range Organics (C10-C28)	327	50.0	mg/kg 2	1945020	11/05/19	11/05/19	EPA 8015D	
Oil Range Organics (C28-C40)	271	100	mg/kg 2	1945020	11/05/19	11/05/19	EPA 8015D	
Surrogate; n-Nonane		118 %	50-200	1945020	11/05/19	11/05/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GR	0							
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg 1	1945019	11/05/19	11/05/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	50-150	1945019	11/05/19	11/05/19	EPA 8015D	

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DJR Operating, LLC Project Name: Central Bisti Unit #4

1 Rd 3263 Project Number: 17035-0113 Reported:

Aztec NM, 87410 Project Manager: Felipe Aragon 11/07/19 07:14

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1945020 - DRO Extraction EPA 3570										
Blank (1945020-BLK1)				Prepared &	k Analyzed:	11/05/19 1				
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	11							
Surrogate: n-Nonane	50.0		11	50.0		100	50-200			
LCS (1945020-BS1)				Prepared &	analyzed:	11/05/19 1				
Diesel Range Organics (C10-C28)	475	25.0	mg/kg	500		95.0	38-132			
Surrogate: n-Nonane	49.9		#	50.0		99.7	50-200			
Matrix Spike (1945020-MS1)	Sour	ce: P911013-	01	Prepared &	Analyzed:	11/05/19 1				
Diesel Range Organics (C10-C28)	545	25.0	mg/kg	500	43.1	100	38-132			
Surrogate: n-Nonane	50.8		"	50.0		102	50-200			
Matrix Spike Dup (1945020-MSD1)	Sour	ce: P911013-	01	Prepared &	Analyzed:	11/05/19 1				
Diesel Range Organics (C10-C28)	528	25.0	mg/kg	500	43.1	97.0	38-132	3.19	20	
Surrogate: n-Nonane	49.0		"	50.0		98.0	50-200			

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DJR Operating, LLC 1 Rd 3263

Aztec NM, 87410

Project Name:

Central Bisti Unit #4

Project Number: Project Manager: 17035-0113

Reported: 11/07/19 07:14

Felipe Aragon

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1945019 - Purge and Trap EPA 5030A										
Blank (1945019-BLK1)				Prepared &	Analyzed:	11/05/19 1				
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		"	8.00		96.1	50-150			
LCS (1945019-BS2)				Prepared: 1	1/05/19 1 A	nalyzed: 1	1/05/19 2			
Gasoline Range Organics (C6-C10)	57.5	20.0	mg/kg	50.0		115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		"	8.00		97.6	50-150			
Matrix Spike (1945019-MS2)	Sou	rce: P911013-0	01	Prepared: 1	1/05/19 1 A	nalyzed: 1	1/05/19 2			
Gasoline Range Organics (C6-C10)	55.7	20.0	mg/kg	50.0	ND	111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		н	8.00		95.9	50-150			
Matrix Spike Dup (1945019-MSD2)	Sou	rce: P911013-()1	Prepared: 1	1/05/19 1 A	nalyzed: 1	1/05/19 2			
Gasoline Range Organics (C6-C10)	60.1	20.0	mg/kg	50.0	ND	120	70-130	7.68	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		"	8.00		96.5	50-150			

QC Summary Report

Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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DJR Operating, LLC Project Name: Central Bisti Unit #4

1 Rd 3263 Project Number: 17035-0113 Reported:

Aztec NM, 87410 Project Manager: Felipe Aragon 11/07/19 07:14

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Chain of Custody

Page	1	of	1	
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7		Report Attention				La	b U	lse Or				TAT		E	PA Progr	am
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_		y, State, Zip													NM CC	UT AZ
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5796 US Highway 64, Familington, NDA 87401

24 Hour Emergency Response Phone (800) 362-1879

Ph (505) 632-1881 Fx (505) 632-1865

envirotech-inc.com

labadmin@envirolechunc.com

Page 7 of 7



Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 11/12/2019

Job Number: 17035-0150

Work Order: P911044

Project Name/Location: Central Bisti Unit #4

Report Reviewed By:	Walter Hinkeren	Date:	11/18/19	
	Walter Hinchman, Laboratory Director			



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.

Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.

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Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.

Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

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DJR Operating, LLC 1 Rd 3263 Aztec NM, 87410 Project Name:

Central Bisti Unit #4

Project Number: Project Manager: 17035-0150 Felipe Aragon

Reported: 11/18/19 16:11

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
North Wall	P911044-01A	Soil	11/12/19	11/12/19	Glass Jar, 4 oz.
	P911044-01B	Soil	11/12/19	11/12/19	Glass Jar, 4 oz.
East Wall	P911044-02A	Soil	11/12/19	11/12/19	Glass Jar, 4 oz.
	P911044-02B	Soil	11/12/19	11/12/19	Glass Jar, 4 oz.
South Wall	P911044-03A	Soil	11/12/19	11/12/19	Glass Jar, 4 oz.
	P911044-03B	Soil	11/12/19	11/12/19	Glass Jar, 4 oz.
West Wall	P911044-04A	Soil	11/12/19	11/12/19	Glass Jar, 4 oz.
	P911044-04B	Soil	11/12/19	11/12/19	Glass Jar, 4 oz.
Base Perimeter	P911044-05A	Soil	11/12/19	11/12/19	Glass Jar, 4 oz.
	P911044-05B	Soil	11/12/19	11/12/19	Glass Jar, 4 oz.
Base Center	P911044-06A	Soil	11/12/19	11/12/19	Glass Jar, 4 oz.
	P911044-06B	Soil	11/12/19	11/12/19	Glass Jar, 4 oz.

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DJR Operating, LLC 1 Rd 3263 Project Name:

Central Bisti Unit #4

1 Rd 3263 Project Number: Aztec NM, 87410 Project Manager: 17035-0150 Felipe Aragon Reported: 11/18/19 16:11

North Wall P911044-01 (Solid)

			44-01 (30)	iu,					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	50-1	50	1946029	11/14/19	11/14/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/OF	RO								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1946033	11/14/19	11/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1946033	11/14/19	11/15/19	EPA 8015D	
Surrogate: n-Nonane		116 %	50-2	00	1946033	11/14/19	11/15/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.6 %	50-1	50	1946029	11/14/19	11/14/19	EPA 8015D	
Anions by 300.0/9056A	_								
Chloride	188	20.0	mg/kg	1	1946040	11/15/19	11/15/19	EPA 300.0/9056A	

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5796 Highway 64, Farmington, NM 87401

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DJR Operating, LLC 1 Rd 3263 Project Name:

Central Bisti Unit #4

Aztec NM, 87410

Project Number: Project Manager: 17035-0150 Felipe Aragon

Reported: 11/18/19 16:11

East Wall P911044-02 (Solid)

		1 7110	44-02 (3011	u)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	50-1:	50	1946029	11/14/19	11/14/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/O	RO								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1946033	11/14/19	11/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1946033	11/14/19	11/15/19	EPA 8015D	
Surrogate: n-Nonane		122 %	50-20	00	1946033	11/14/19	11/15/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.5 %	50-15	50	1946029	11/14/19	11/14/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	320	20.0	mg/kg	1	1946040	11/15/19	11/15/19	EPA 300.0/9056A	

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DJR Operating, LLC 1 Rd 3263

Aztec NM, 87410

Project Name:

Central Bisti Unit #4

Project Number: Project Manager: 17035-0150 Felipe Aragon

Reported: 11/18/19 16:11

South Wall P911044-03 (Solid)

		ryllu	44-03 (Son	ia)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	50-1.	50	1946029	11/14/19	11/14/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/O	RO								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1946033	11/14/19	11/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1946033	11/14/19	11/15/19	EPA 8015D	
Surrogate: n-Nonane		132 %	50-20	00	1946033	11/14/19	11/15/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.9 %	50-13	50	1946029	11/14/19	11/14/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	156	20.0	mg/kg	1	1946040	11/15/19	11/15/19	EPA 300.0/9056A	

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DJR Operating, LLC 1 Rd 3263

Aztec NM, 87410

Project Name:

Central Bisti Unit #4

Project Number: Project Manager: 17035-0150 Felipe Aragon

Reported: 11/18/19 16:11

West Wall P911044-04 (Solid)

		Pyllu	44-04 (Sona)					
		Reporting						
Analyte	Result	Limit	Units D	ilution Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021								
Benzene	ND	0.0250	mg/kg 1	1946029	11/14/19	11/14/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg 1	1946029	11/14/19	11/14/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg 1	1946029	11/14/19	11/14/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg 1	1946029	11/14/19	11/14/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg 1	1946029	11/14/19	11/14/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg 1	1946029	11/14/19	11/14/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	50-150	1946029	11/14/19	11/14/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/O	RO							
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg 1	1946033	11/14/19	11/16/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg 1	1946033	11/14/19	11/16/19	EPA 8015D	
Surrogate: n-Nonane		110 %	50-200	1946033	11/14/19	11/16/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO								
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg 1	1946029	11/14/19	11/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.0 %	50-150	1946029	11/14/19	11/14/19	EPA 8015D	
Anions by 300.0/9056A								
Chloride	152	20.0	mg/kg 1	1946040	11/15/19	11/15/19	EPA 300.0/9056A	

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Project Name:

Central Bisti Unit #4

1 Rd 3263 Aztec NM, 87410 Project Number: Project Manager: 17035-0150 Felipe Aragon Reported: 11/18/19 16:11

Base Perimeter P911044-05 (Solid)

		F 9110	44-05 (Solia)					
		Reporting						
Analyte	Result	Limit	Units D	ilution Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021								
Benzene	ND	0.0250	mg/kg 1	1946029	11/14/19	11/14/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg 1	1946029	11/14/19	11/14/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg 1	1946029	11/14/19	11/14/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg 1	1946029	11/14/19	11/14/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg 1	1946029	11/14/19	11/14/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg 1	1946029	11/14/19	11/14/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	50-150	1946029	11/14/19	11/14/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO	/ORO							
Diesel Range Organics (C10-C28)	767	25.0	mg/kg 1	1946033	11/14/19	11/17/19	EPA 8015D	
Oil Range Organics (C28-C40)	629	50.0	mg/kg 1	1946033	11/14/19	11/17/19	EPA 8015D	
Surrogate: n-Nonane		127 %	50-200	1946033	11/14/19	11/17/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO								
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg l	1946029	11/14/19	11/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.1 %	50-150	1946029	11/14/19	11/14/19	EPA 8015D	
Anions by 300.0/9056A								
Chloride	173	20.0	mg/kg 1	1946040	11/15/19	11/15/19	EPA 300.0/9056A	

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DJR Operating, LLC 1 Rd 3263 Project Name:

Central Bisti Unit #4

Aztec NM, 87410

Project Number: Project Manager: 17035-0150 Felipe Aragon

Reported:

11/18/19 16:11

Base Center P911044-06 (Solid)

			11 00 (50	, iii					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	50-	-150	1946029	11/14/19	11/14/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/OF	RO								
Diesel Range Organics (C10-C28)	1220	25.0	mg/kg	1	1946033	11/14/19	11/17/19	EPA 8015D	
Oil Range Organics (C28-C40)	933	50.0	mg/kg	1	1946033	11/14/19	11/17/19	EPA 8015D	
Surrogate: n-Nonane		131 %	50-	-200	1946033	11/14/19	11/17/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1946029	11/14/19	11/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.8 %	50-	150	1946029	11/14/19	11/14/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	165	20.0	mg/kg	1	1946040	11/15/19	11/15/19	EPA 300.0/9056A	

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5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865



DJR Operating, LLC 1 Rd 3263 Project Name:

Central Bisti Unit #4

1 Rd 3263 Project Number: Aztec NM, 87410 Project Manager: 17035-0150 Felipe Aragon

Reported: 11/18/19 16:11

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1946029 - Purge and Trap EPA 5030A										
Blank (1946029-BLK1)				Prepared: 1	11/14/19 0 A	Analyzed: 1	11/14/19 1			
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	**							
p,m-Xylene	ND	0.0500	11							
o-Xylene	ND	0.0250	9							
Total Xylenes	ND	0.0250	11							
Surrogate: 4-Bromochlorobenzene-PID	7.78		"	8.00		97.2	50-150			
LCS (1946029-BS1)				Prepared: 1	1/14/19 0 A	Analyzed: 1	1/14/19 1			
Benzene	4.74	0.0250	mg/kg	5.00		94.8	70-130			
Toluene	4.88	0.0250	"	5.00		97.5	70-130			
Ethylbenzene	4.77	0.0250	**	5.00		95.4	70-130			
p,m-Xylene	9.50	0.0500	11	10.0		95.0	70-130			
o-Xylene	4.72	0.0250	0	5.00		94.4	70-130			
Total Xylenes	14.2	0.0250	п	15.0		94.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.89		"	8.00		98.6	50-150			
Matrix Spike (1946029-MS1)	Sou	rce: P911044-	01	Prepared: 1	1/14/19 0 A	Analyzed: 1	1/14/19 1			
Benzene	5.03	0.0250	mg/kg	5.00	ND	101	54.3-133			
Toluene	5.13	0.0250	п	5.00	ND	103	61.4-130			
Ethylbenzene	5.07	0.0250	**	5.00	ND	101	61.4-133			
p,m-Xylene	10.1	0.0500	19	10.0	ND	101	63.3-131			
p-Xylene	5.03	0.0250	17	5.00	ND	101	63.3-131			
Total Xylenes	15.1	0.0250	v	15.0	ND	101	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	7.95		"	8.00		99.4	50-150			
Matrix Spike Dup (1946029-MSD1)	Soui	rce: P911044-	01	Prepared: 1	1/14/19 0 A	malyzed: 1	1/14/19 1			
Benzene	4.99	0.0250	mg/kg	5.00	ND	99.7	54.3-133	0.757	20	
Toluene	5.13	0.0250	н	5.00	ND	103	61.4-130	0.0214	20	
Ethylbenzene	5.05	0.0250	11	5.00	ND	101	61.4-133	0.345	20	
,m-Xylene	10.1	0.0500	"	10.0	ND	101	63.3-131	0.303	20	
-Xylene	5.02	0.0250	n	5.00	ND	100	63.3-131	0.251	20	
Total Xylenes	15.1	0.0250	u	15.0	ND	101	63.3-131	0.286	20	
Surrogate: 4-Bromochlorobenzene-PID	7.86		н	8.00		98.3	50-150			

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5796 Highway 64, Farmington, NM 87401

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Reported:

11/18/19 16:11



DJR Operating, LLC Project Name: Central Bisti Unit #4

1 Rd 3263 Project Number: 17035-0150

Aztec NM, 87410 Project Manager: Felipe Aragon

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1946033 - DRO Extraction EPA 3570										
Blank (1946033-BLK1)				Prepared: 1	11/14/19 1 /	Analyzed: 1	1/15/19 1			
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	**							
Surrogate: n-Nonane	49.8		"	50.0		99.5	50-200			
LCS (1946033-BS1)	Prepared: 11/14/19 1 Analyzed: 11/15/19 1									
Diesel Range Organics (C10-C28)	472	25.0	mg/kg	500		94.4	38-132			
Surrogate: n-Nonane	49.1		"	50.0		98.1	50-200			
Matrix Spike (1946033-MS1)	Sour	ce: P911044-	01	Prepared: 1	1/14/19 1 A	1/15/19 1				
Diesel Range Organics (C10-C28)	625	25.0	mg/kg	500	ND	125	38-132			
Surrogate: n-Nonane	60.3		"	50.0		121	50-200			
Matrix Spike Dup (1946033-MSD1)	Source: P911044-01			Prepared: 1	1/14/19 1 A	nalyzed: 1	1/15/19 1			
Diesel Range Organics (C10-C28)	629	25.0	mg/kg	500	ND	126	38-132	0.629	20	
Surrogate: n-Nonane	59.9		7	50.0		120	50-200			

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Project Name:

Central Bisti Unit #4

Spike

50.0

8.00

Source

Prepared: 11/14/19 0 Analyzed: 11/14/19 1

103

88.1

70-130

50-150

0.929

ND

1 Rd 3263 Aztec NM, 87410

Matrix Spike Dup (1946029-MSD2)

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

Project Number: Project Manager:

Reporting

Source: P911044-01

20.0

51.5

7.05

17035-0150 Felipe Aragon

Reported: 11/18/19 16:11

RPD

20

%REC

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1946029 - Purge and Trap EPA 5030A										
Blank (1946029-BLK1)				Prepared:	11/14/19 0 A	Analyzed: 1	1/14/19 1			
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.91		"	8.00		86.4	50-150			
LCS (1946029-BS2)				Prepared:	11/14/19 0 A	Analyzed: 1	1/14/19 1			
Gasoline Range Organics (C6-C10)	48.0	20.0	mg/kg	50.0		96.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.88		n	8.00		86.0	50-150			
Matrix Spike (1946029-MS2)	Source	e: P911044-(01	Prepared:	11/14/19 0 A	1/14/19 1				
Gasoline Range Organics (C6-C10)	52.0	20.0	mg/kg	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		,,	8.00		86.9	50-150			

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DJR Operating, LLC Project Name: Central Bisti Unit #4

1 Rd 3263 Project Number: 17035-0150 Reported:
Aztec NM, 87410 Project Manager: Felipe Aragon 11/18/19 16:11

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Spike

Source

%REC

RPD

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1946040 - Anion Extraction EPA 30	0.0/9056A									
Blank (1946040-BLK1)				Prepared &	Analyzed:	11/15/19 1				
Chloride	ND	20.0	mg/kg							
LCS (1946040-BS1)				Prepared &	Analyzed:	11/15/19 1				
Chloride	252	20.0	mg/kg	250		101	90-110			
Matrix Spike (1946040-MS1)	Source	: P911044-0	01	Prepared &	Analyzed:	11/15/19 1				
Chloride	432	20.0	mg/kg	250	188	97.6	80-120			
Matrix Spike Dup (1946040-MSD1)	Source	: P911044-0)1	Prepared & Analyzed: 11/15/19 1						
Chloride	436	20.0	mg/kg	250	188	99.5	80-120	1.09	20	

QC Summary Report

Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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DJR Operating, LLC Project Name: Central Bisti Unit #4

1 Rd 3263 Project Number: 17035-0150 Reported:
Aztec NM, 87410 Project Manager: Felipe Aragon 11/18/19 16:11

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Chain of Custody

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envirotech-inc.com labadmin@envirotech-inc.com

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Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 11/22/2019 Job Number: 17035-0150 Work Order: P911110

Project Name/Location: Central Bisti Unit #4

Report Reviewed By:	Walter Hinden	Date:	11/26/19	
	Walter Hinchman, Laboratory Director			



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.

Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.

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Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.

Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

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Project Name:

Central Bisti Unit #4

1 Rd 3263 Aztec NM, 87410 Project Number: Project Manager: 17035-0150 Felipe Aragon

Reported: 11/26/19 11:15

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Base Center	P911110-01A	Soil	11/22/19	11/22/19	Glass Jar, 4 oz.

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DJR Operating, LLC 1 Rd 3263

Aztec NM, 87410

Project Name:

Central Bisti Unit #4

Project Number: Project Manager: 17035-0150 Felipe Aragon

Reported: 11/26/19 11:15

Base Center P911110-01 (Solid)

			10-01 (50Hu)					
		Reporting						
Analyte	Result	Limit	Units Dil	ution Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260								
Benzene	ND	0.0250	mg/kg 1	1947048	11/22/19	11/23/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg 1	1947048	11/22/19	11/23/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg 1	1947048	11/22/19	11/23/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg 1	1947048	11/22/19	11/23/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg l	1947048	11/22/19	11/23/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg l	1947048	11/22/19	11/23/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	1947048	11/22/19	11/23/19	EPA 8260B	
Surrogate: Toluene-d8		102 %	70-130	1947048	11/22/19	11/23/19	EPA 8260B	
Surrogate: Bromofluorobenzene		98.6 %	70-130	1947048	11/22/19	11/23/19	EPA 8260B	
Nonhalogenated Organics by 8015 - DRO	ORO							
Diesel Range Organics (C10-C28)	920	50.0	mg/kg 2	1947050	11/22/19	11/25/19	EPA 8015D	
Oil Range Organics (C28-C40)	368	100	mg/kg 2	1947050	11/22/19	11/25/19	EPA 8015D	
Surrogate: n-Nonane		104 %	50-200	1947050	11/22/19	11/25/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO								
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg l	1947048	11/22/19	11/23/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	1947048	11/22/19	11/23/19	EPA 8015D	
Surrogate: Toluene-d8		102 %	70-130	1947048	11/22/19	11/23/19	EPA 8015D	
Surrogate: Bromofluorobenzene		98.6 %	70-130	1947048	11/22/19	11/23/19	EPA 8015D	
Anions by 300.0/9056A								
Chloride	171	20.0	mg/kg 1	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

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Project Name:

Central Bisti Unit #4

1 Rd 3263 Aztec NM, 87410 Project Number:

17035-0150 Felipe Aragon

Reported:

Project Manager: Felipe Aragor

11/26/19 11:15

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte Result Limit Units Level						
The same of the sa	Result %REC	Result %	REC Limits	RPD	Limit	Notes

Blank (1947048-BLK1)				Prepared &	k Analyzed	: 11/22/19	I			
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	11							
Ethylbenzene	ND	0.0250	0							
p,m-Xylene	ND	0.0500	n							
o-Xylene	ND	0.0250	**							
Total Xylenes	ND	0.0250	п							
Surrogate: 1,2-Dichloroethane-d4	0.509		"	0.500		102	70-130			
Surrogate: Toluene-d8	0.504		"	0.500		101	70-130			
Surrogate: Bromofluorobenzene	0.493		"	0.500		98.6	70-130			
LCS (1947048-BS1)				Prepared &	. Analyzed	: 11/22/19 1				
Benzene	2,47	0.0250	mg/kg	2.50		98.8	70-130			
Toluene	2.40	0.0250	"	2.50		95.8	70-130			
Ethylbenzene	2.45	0.0250	н	2.50		98.1	70-130			
o,m-Xylene	5.06	0.0500	н	5.00		101	70-130			
o-Xylene	2.42	0.0250	11	2.50		96.7	70-130			
Total Xylenes	7.48	0.0250	"	7.50		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		"	0.500		103	70-130			
Surrogate: Toluene-d8	0.498		"	0.500		99.5	70-130			
Surrogate: Bromofluorobenzene	0.496		n	0.500		99.2	70-130			
Matrix Spike (1947048-MS1)	Sour	ce: P911103-	01	Prepared &	Analyzed	11/22/19 1				
Benzene	4.95	0.0500	mg/kg	5.00	ND	99.0	48-131			
oluene	4.78	0.0500		5.00	ND	95.6	48-130			
Ethylbenzene	4.92	0.0500	"	5.00	ND	98.5	45-135			
,m-Xylene	10.2	0.100	11	10.0	ND	102	43-135			
-Xylene	4.89	0.0500	U	5.00	ND	97.7	43-135			
otal Xylenes	15.1	0.0500	11	15.0	ND	100	43-135			
urrogate: 1,2-Dichloroethane-d4	0.999		"	1.00		99.9	70-130			
Surrogate: Toluene-d8	0.993		"	1.00		99.3	70-130			
urrogate: Bromofluorobenzene	1.01		"	1.00		101	70-130			
Aatrix Spike Dup (1947048-MSD1)	Sour	ce: P911103-()1	Prepared &	Analyzed:	11/22/19 1				
enzene	4.84	0.0500	mg/kg	5.00	ND	96.7	48-131	2.29	23	
oluene	4.69	0.0500	ų	5.00	ND	93.9	48-130	1.86	24	
Ethylbenzene	4.84	0.0500	u	5.00	ND	96.8	45-135	1.74	27	
,m-Xylene	10.0	0.100	91	10.0	ND	100	43-135	1.80	27	
37.1					2.172					

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5.00

15.0

1.00

1.00

1.00

95.2

98.4

99.1

98.7

43-135

43-135

70-130

70-130

70-130

2.55

2.05

27

4.76

14.8

1.01

0.991

0.987

0.0500

0.0500

5796 Highway 64, Farmington, NM 87401

o-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Bromofluorobenzene

Ph (505) 632-0615 Fx (505) 632-1865



Analyte

Surrogate: n-Nonane

Project Name:

Reporting

Limit

Result

48.4

Central Bisti Unit #4

Spike

Level

50.0

Source

Result

%REC

96.8

%REC

Limits

50-200

RPD

1 Rd 3263 Aztec NM, 87410 Project Number: 17035-0150 Project Manager: Felipe Aragon

Reported:

11/26/19 11:15

Notes

RPD

Limit

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Units

Blank (1947050-BLK1)				Prepared: 1	1/22/19 1 Analyzed	: 11/25/19 1	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg				
Oil Range Organics (C28-C40)	ND	50.0	0				
Surrogate: n-Nonane	48.3		"	50.0	96.5	50-200	
LCS (1947050-BS1)				Prepared: 1	1/22/19 1 Analyzed	: 11/25/19 1	
Diesel Range Organics (C10-C28)	482	25.0	mg/kg	500	96.3	38-132	
Surrogate: n-Nonane	50.1		r	50.0	100	50-200	
Matrix Spike (1947050-MS1)	Source	e: P 911105-0)1	Prepared: 1	1/22/19 1 Analyzed	: 11/25/19 1	
Diesel Range Organics (C10-C28)	470	25.0	mg/kg	500	ND 94.0	38-132	

Matrix Spike Dup (1947050-MSD1)	Source	: P911105-0)1	Prepared: 1	1/22/19 1					
Diesel Range Organics (C10-C28)	481	25.0	mg/kg	500	ND	96.2	38-132	2.33	20	
Surrogate: n-Nonane	48.4		п	50.0		96.7	50-200			

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Page 5 of 9



Project Name:

Central Bisti Unit #4

1 Rd 3263 Aztec NM, 87410 Project Number: Project Manager:

Reporting

17035-0150 Felipe Aragon

Spike

Source

Reported: 11/26/19 11:15

RPD

%REC

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1947048 - Purge and Trap EPA 5030A										
Blank (1947048-BLK1)				Prepared &	a Analyzed:	11/22/19 1				
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.509		н	0.500		102	70-130			
Surrogate: Toluene-d8	0.504		*	0.500		101	70-130			
Surrogate: Bromofluorobenzene	0.493		,,	0.500		98.6	70-130			
LCS (1947048-BS2)				Prepared &	Analyzed:	11/22/19 1				

Gasoline Range Organics (C6-C10)	47.4	20.0	mg/kg	50.0	94.9	70-130	_				
Surrogate: 1,2-Dichloroethane-d4	0.509		"	0.500	102	70-130	Т				
Surrogate: Toluene-d8	0.508		"	0.500	102	70-130					
Surrogate: Bromofluorobenzene	0.492		"	0.500	98.3	70-130					

Matrix Spike (1947048-MS2)	Source	Source: P911103-01		Prepared &			
Gasoline Range Organics (C6-C10)	96.2	40.0	mg/kg	100	ND	96.2	70-130
Surrogate: 1,2-Dichloroethane-d4	1.02		șŧ.	1.00		102	70-130
Surrogate: Toluene-d8	0.999		"	1.00		99.9	70-130
Surrogate: Bromofluorobenzene	0.993		n	1.00		99.3	70-130

Matrix Spike Dup (1947048-MSD2)	Source	Source: P911103-01		Prepared &	11/22/19 1					
Gasoline Range Organics (C6-C10)	99.6	40.0	mg/kg	100	ND	99.5	70-130	3.47	20	
Surrogate: 1,2-Dichloroethane-d4	1.03		19	1.00		103	70-130			
Surrogate: Toluene-d8	1.01		"	1.00		101	70-130			
Surrogate: Bromofluorobenzene	1.00		n	1.00		100	70-130			

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5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865



Project Name:

Central Bisti Unit #4

Spike

Source

1 Rd 3263 Aztec NM, 87410 Project Number: Project Manager:

Reporting

17035-0150

Felipe Aragon

Reported:

11/26/19 11:15

RPD

%REC

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1947046 - Anion Extraction EPA 30	0.0/9056A									
Blank (1947046-BLK1)				Prepared &	Analyzed	11/22/19 0				
Chloride	ND	20.0	mg/kg							
LCS (1947046-BS1)				Prepared: 1	1/22/19 0	Analyzed: 1	1/22/19 1			
Chloride	236	20.0	mg/kg	250		94.4	90-110			
Matrix Spike (1947046-MS1)	Source	: P911104-()1	Prepared: 1	1/22/19 0 /	Analyzed: I	1/22/19 1			
Chloride	511	20.0	mg/kg	250	257	101	80-120			
Matrix Spike Dup (1947046-MSD1)	Source	: P911104-0)1	Prepared: 1	1/22/19 0 /	Analyzed: 1	1/22/19 1			
Chloride	531	20.0	mg/kg	250	257	110	80-120	3.88	20	

QC Summary Report

Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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DJR Operating, LLC Project Name: Central Bisti Unit #4

1 Rd 3263 Project Number: 17035-0150 Reported:
Aztec NM, 87410 Project Manager: Felipe Aragon 11/26/19 11:15

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Ph (505) 632-0615 Fx (505) 632-1865

min@anvirotach-ine.com

24 Hour Emergency Response Phone (800) 362-1879

	Chain of Cu	ıstody							21)ac	P	age _	<u> </u>	of $$
	Report Attention				Lab	Use On			TAT		E	PA Pr	ogram	
+4 (CEV=4)	Report due by: 11 24 19 @	12:00	Lab	WO#			Number		1D 3) R(CRA	CW	/A SE	AWC
•	Email:		Po	11110)	170	35-01	50)					
	Address:					Analys	is and M	1ethc	od				State	
	City, State, Zip		3									NM	CO UT	AZ
Thanks agon Penget	Phone:		0	- 1				1	1 1					
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s Sample ID		Lab Number	Deolardoco	800	Ü								Remark	
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y of this sample maw. Sampled by:	are that tampering with or intentionally mislabelling the sa	ample location, d	ate or tin	ne of co	llection	Samples i received i	requiring theri packed in ice a							oled or
ate Time	Received by: (Signature) Received by: (Signature)	Date Date		ime 10:	28	Recei	ived on	ice:	Lab U (Y), T2,	Jse Or / N		T3		
A - Aqueous, O - Other	r	Containe	r Type	: g - g	lass, p	- poly/j	plastic, a	g - ai	mber gla	iss, V -	VOA			
	s other arrangements are made. Hazardous samp						the client e	xpens	e. The re	ort for	the an	alysis of	the abov	e
ceived by the laborator	ry with this COC. The liability of the laboraotry is I	limited to the a	mount	paid fo	r on the	e report.								

ech

5796 US Highway 64, Familington, NM 87401

Ph (505) 612-0615 | Tit (505) 632-1365

Three Springs - 65 Mercado Street, Soite 115, Durango, CD \$1301

Ph (970) 259-0615 | Tr (800) 362-1879

envirotech-inc.com laboratory weny intech-inc.com

APPENDIX F

EPA Method 418.1 Field Screening Results



Practical Solutions for a Better Tomorrow



TOTAL PETROLEUM HYDROCARBONS

Cal. Date:

5-Nov-19

Parameter	Standard Concentration mg/L	Concentration Reading mg/L	
- Gramotor	9,=	9. =	
TPH	100		
	200	186	
	500		
	1000		
	5000		

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Buttany Hall for	9/17/2019
Analyst	Date
Isaac Garcia	
Print Name	
- Clary	9/17/2019
Review	Date

Felipe Aragon, CES, CHMM

Print Name

5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865



Client:

DJR Operating

Base Center @ 10'

Project #:

17035-0150

Sample No.:

1

Date Reported:

9/17/2019

Sample ID:

Date Sampled:

11/5/2019

Sample Matrix: Preservative:

Soil

Date Analyzed:

11/5/2019

Cool

Analysis Needed:

TPH-418.1

Condition:

Cool and Intact

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

600

5.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis

of Water and Waste, USEPA Storet No. 4551, 1978.

Comments:

Central Bisti Unit #4

Instrument calibrated to 200 ppm standard and zeroed before each sample.

for

Review

Isaac Garcia

Felipe Aragon, CES, CHMM

Printed



Client:

DJR Operating

Project #:

17035-0150

Sample No.:

2

Date Reported:

9/17/2019

Sample ID:

Base Perimeter @ 8'

Sample Matrix:

Soil

Date Sampled: 11/5/2019 11/5/2019

Preservative:

Cool

Date Analyzed: Analysis Needed:

TPH-418.1

Condition:

Cool and Intact

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

120

5.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis

of Water and Waste, USEPA Storet No. 4551, 1978.

for

Comments:

Central Bisti Unit #4

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Review

Isaac Garcia

Felipe Aragon, CES, CHMM Printed



Client:

DJR Operating

17035-0150

Sample No.:

3

9/17/2019

Sample ID:

West Wall

Sample Matrix:

Soil

11/5/2019 11/5/2019

Preservative:

Cool

Date Analyzed: Analysis Needed:

Project #:

Date Reported:

Date Sampled:

TPH-418.1

Condition:

Cool and Intact

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

1,280

5.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis

of Water and Waste, USEPA Storet No. 4551, 1978.

Comments:

Central Bisti Unit #4

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Review

Isaac Garcia

tary

Printed

Felipe Aragon, CES, CHMM



Client:

DJR Operating

Project #: 17035-0150

Sample No.:

4

Date Reported:

Sample ID:

North Wall

9/17/2019

Sample Matrix:

Soil

Date Sampled: 11/5/2019

Preservative:

Cool

Date Analyzed: Analysis Needed:

11/5/2019 TPH-418.1

Condition:

Cool and Intact

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

192

5.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis

of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Central Bisti Unit #4

Instrument calibrated to 200 ppm standard and zeroed before each sample.

for

Review

Isaac Garcia

Felipe Aragon, CES, CHMM

Printed



Client:

DJR Operating

Project #: 17035-0150

Sample No.:

5

Sample ID:

East Wall

9/17/2019

Sample Matrix:

Soil

11/5/2019

Preservative:

Parameter

Cool

Date Analyzed: Analysis Needed: TPH-418.1

Date Reported:

Date Sampled:

11/5/2019

Condition:

Cool and Intact

	Det.
Concentration	Limit
(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

604

5.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis

of Water and Waste, USEPA Storet No. 4551, 1978.

Comments:

Central Bisti Unit #4

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Isaac Garcia

Felipe Aragon, CES, CHMM

Printed

Printed

Review



Client:

DJR Operating

Project #: 17035-0150

Sample No.:

6

9/17/2019

Sample ID:

South Wall

Sample Matrix:

Soil

Date Sampled: 11/5/2019 11/5/2019

Preservative:

Cool

Date Analyzed: Analysis Needed:

Date Reported:

TPH-418.1

Condition:

Cool and Intact

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

80

5.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis

of Water and Waste, USEPA Storet No. 4551, 1978.

Comments:

Central Bisti Unit #4

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Review

Isaac Garcia

Felipe Aragon, CES, CHMM

Printed



TOTAL PETROLEUM HYDROCARBONS

Cal. Date:

22-Nov-19

	Standard Concentration	Concentration Reading	
Parameter	mg/L	mg/L	
TPH	100		
	200		
	500	510	
	1000		
	5000		

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Buttany Hall	9/17/2019	
Analyst	Date	
Brittany Hall		
Print Name		
	9/17/2019	

Felipe Aragon, CES, CHMM

Print Name

Review

Date



Client:

DJR Operating

Project #: 17035-0150

Sample No.:

1

Date Reported: 9/17/2019

Sample ID:

Base Center

Sample Matrix:

Soil

11/22/2019

Preservative:

Cool

Date Analyzed: 11/22/2019 Analysis Needed: TPH-418.1

Date Sampled:

Condition:

Cool and Intact

	Det	

1	Concentration	Limit (mg/kg)	
Parameter	(mg/kg)		

Total Petroleum Hydrocarbons

12

5.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis

of Water and Waste, USEPA Storet No. 4551, 1978.

Comments:

Central Bisti Unit #4

Instrument calibrated to 500 ppm standard and zeroed before each sample.

Review

Brittany Hall

tany

Felipe Aragon, CES, CHMM

Printed

APPENDIX G

Bill of Lading and Special Waste Manifests



Practical Solutions for a Better Tomorrow

OMPLETE DESCRIPTION OF SHIPMENT

S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

tech

MATERIAL

LANDFARM **EMPLOYEE**

Soil

Bill of Lading

h		Bill c	of Lac	ding	GENERATION OF THE POINT OF	T# 6556 TOR D J F ORIGIN C	R BU-71 tech		
	FARMING		N MEXICO	87401	DATE_/	1-5.19	JOB #	17035-0150	
CRIPT	ION OF SHIP		551.5				RTING COMPA		
-	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
16	B28	2,0	****	y promos	15 75	713	955	mitAX	
<i>'</i>	B28	20	When the same	~	1579	727	1013	5 Victoria	
7	B28	20	. %	***	1580	722	1015	asudell	
	B28	20	Mill	المساء	1581	713	1155	mak Hx	
4	1328	20		والمصاوية	1582	727	1225	Par Donary By Gary Ro	
		100							
Go	July Rollinger Notes								

Soil w/ Debris 🖂 After Hours/Weekend Receival 🖂 Scrape Out 🖂 Wash Out	
y signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I	
ertify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed	
nto the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Phone on of the legal document. DISTRIBUTION: White - Company Records, Yellow - Billing, Pink - Customer, Goldenrod - LF Copy

SAN JUAN PRINTING 021971E



CHLORIDE TESTING / PAINT FILTER TESTING

DATE 11-519	TIME	<u>955</u>	Attach test string
CUSTOMER	DJR		0 0 1 1 1
SITE	CBU#4	n de	AB STATE OF THE PARTY OF THE PA
DRIVER	sik Hit		9
SAMPLE (Soil Straight V	Vith Dirt	7
CHLORIDE TEST	-283 mg/Kg		-0
ACCEPTED	YES	NO	6
PAINT FILTER TEST	Time started 955	Time completed 1005	3
PASS	YES.	NO	-2
SAMPLER/ANALYST	Court Poblar	W71	

5796 US Hwy 64, Farmington, NM 87401|| Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865|| info@envirotech-inc.com envirotech-inc.com



DATE	-5-19	TIME	1225	Attach test strip her
CUSTOMER	DOF	>		- B
SITE	CBC	1.4	0	An real
DRIVER	Jon	nie Vi	2109100	
SAMPLE	Soil S	traight	With Dirt	
CHLORIDE TES	т <u>-23</u>	mg/Kg		
ACCEPTED	YES		NO	5 7
PAINT FILTER T	EST Time started	225	Time completed 125	36
PASS	YES _	11	NO	
SAMPLER/ANAL	YST GOLL	1 Kalin	1897	
5796 US Hwy 64, Farming	ton, NM 87401 Ph (505) 63	2-0615 Fr (800) 362-1879	Fx (505) 632-1865 info@envirotech-i	inc.com envirotech-inc.com



	Manifest Document No. Page 1 of							Page 1 of	
	SPECIAL WASTE MANIFEST		SI	N-1	57	8			
	Generator's Name	Generator's Addres	s Anio	. 1/	1	Generat	or's Telep	hone No.	
	DJR Operating, LL		67	· Nr 410	1	505	632	3476	
	Origin of Special Waste (Project of	or Spill Location): (Lentral		Jnit 124	4	4 (0	BU#	(4)	
	Transporter #1 Company Name	Address Hay lou	B7401	Telephone No.					
	Transporter #2 Company Name	Address		Telephon	e No.	•			
	Destination Facility Name/Site Addre	tion Facility Name/Site Address Facility ID (Permit) Number NMOLOO//			Telephone No. 06/5				
	Type and Pro	per Name of Special Waste		Contain No.	er(s) Type	Total Quantity	Unit Wt/Vol		
GENE	crude of contan	inated soil			10	20	yels		
RAT									
O R									
	Additional Descriptions for Special Waste Listed Above:								
	Special Handling Instructions: GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the special waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of 20.9.8 NMAC								
	(Special Waste Requirements) in addition					, the response	011107110 07 22	0.0.0 1444	
	Printed/Typed Name:	Signature:	-	(in As		Date:	15/19		
-1	Transporter 1 Acknowledgement of R		Wiley della manage on page 2	(1.1. 1)3	con es	/ / / / /	0211		
TRANSPORTER	Printed/Typed Name: Mi KE Hey T	Signature:	1			Date:	-5-	19	
ဒ္ဓ	Transporter 2 Acknowledgement of R								
TER	Printed/Typed Name:	Signature:				Date:			
FACILI	Discrepancy Indication Space:								
ᆀ	Facility Owner or Operator: I hereby ackr Discrepancy Indication Space.	nowledge receipt of the special waste	as indicated up	pon this m	anifes	t, except a	s noted ab	ove in the	
	Printed/Typed Name	Sighature:	LMSO	6)		Date:	11-5-	19	
579	6 U.S. Highway 64 • Farmington, NM 8740	1 • (505) 632-0615 Office					LINAS	UAN PRINTING 021941E	



			HARLING THE PARTY	Manifest Docu	ıment No.	1/49	MANUEL .		Page 1 of
	SPECIAL WASTE MANIFEST			SI	N - 1	57	9		
	Generator's Name	1 1 74	Generator's Addres	1 1 / 3	tre. N	И	Generat	or's Telep	hone No.
	DIR Operating,		1 Road 326	13 (37410		505	632	3476
	Origin of Special Waste (Project or Spill Location): (enval Bish Unit #4 (cBil #4)								
	Transporter #1 Company Name	Addr	ess 90 HWY 64	137401	Telephon	e No.	3व ।	0615	
	Transporter #2 Company Name Address				Telephon	e No.	•		
	Destination Facility Name/Site And Landown # 2 mar Hilly W	ddress Facil	ity ID (Permit) Number		Telephone No. 505 632 06/5				
	Type and	Proper Name of Sp	ecial Waste		Containe No.	er(s) Type	Total Quantity	Unit Wt/Vol	
GEN	crude oil cor	Harmodec	1 301		1	U	20	yel 5	
ERA									
ATO									
R									
		Additional D	escriptions for Spec	ial Waste Li	sted Abov	/e:			
	Special Handling Instructions:	TARP	LOAIS						
	GENERATOR'S CERTIFICATION: I the special waste, and that such wast (Special Waste Requirements) in add	le has been manage	d, packa <mark>ged, containerize</mark>	d and labeled i	n accordance				
	Printed/Typed Name:	1. 1)	Signature:	1	P. W. 11		Date:	15/19	
75	Transporter 1 Acknowledgement			And the same of th	1119 /19	2111			
RANSPORTER	Frinted/Typed Name:	" b coard"	Signature:	I want to the second			Date:	15	7
ORTE	Transporter 2 Acknowledgement Printed/Typed Name:	of Receipt of Spec	Signature:			o	Date:		
\vdash	Discrepancy Indication Space:					_			
FACIL									
固	Facility Owner or Operator: I hereby Discrepancy Indication Space.	acknowledge recei	ot of the special waste a	s indicated u	oon this ma	anifes	t, except a	s noted abo	ove in the
	Printed/Typed Namer 2 1 5 1 1	Son	Signature:	y Poli	IMA	9-2	Date:	11.5	-19
579	6 U.S. Highway 64 • Farmington, NM 8		15 Office	/				SAN JU	JAN PRINTING 021941E



			Manifest Docu	ment No.	PAN.	# Chile	6,7-1/43	Page 1 of
	SPECIAL WASTE MANIFEST		SV	v - 1	58	0		
	Generator's Name DR Operative La	Generator's Address	A 218	WALL	1	Generat	or's Telep	phone No.
	Origin of Special Waste (Project or S		44 11	nit- 7	41	100	1 1441	mand of your
	C-06-25N-12N							
	Transporter #1 Company Name	Address Hay by b	37401	Telephon	e No.	43	9 ilo	Burney
	Transporter #2 Company Name	Address		Telephon	e No.			
	Destination Facility Name/Site Address	Facility ID (Permit) Number		Telephon			in I have	N .
	Destination, Facility Name/Site Address Landfarm # - Near Hilly NM	NM0 10011				132.	06/5	
	Type and Proper I	Name of Special Waste		Containe No.	er(s) Type	Total Quantity	Unit Wt/Vol	
GENE	Crude oil contam	unsited soil		1	T	20	vds	
m								
RAT								
TOR								
	Ad	Iditional Descriptions for Specia	ıl Waste Lis	ted Abov	/e:			
	Special Handling Instructions:	RP LOAD						
	GENERATOR'S CERTIFICATION: I hereby or the special waste, and that such waste has be (Special Waste Requirements) in addition to an	en managed, packaged, containerized	and labeled in	accordance	descri cê with	bed above l the require	by type and ements of 20	proper name of 0.9.8 NMAC
	Printed/Typed Name:	Signature:	a marin /	A pila-		Date:	10110	
ĮĘ.	Transporter 1 Acknowledgement of Rece		0 0)	, ,	Date:		
NSPC	Hymold //11	1 11/1/16	let 1	lan	<u>//</u>	//2	15/1	9
	Transporter 2 Acknowledgement of Rece Printed/Typed Name:	Signature:				Date:		
_	Discrepancy Indication Space:							
FACILI								
U	Facility Owner or Operator: I hereby acknowledge Discrepancy Indication Space.	ledge receipt of the special waste as	indicated up	on this ma	nifes	t, except as	noted abo	ove in the
	Printed/Typed Name: /	Signature:	9/11	2007	27	Date:	1.5.	19
579	U.S. Highway 64 • Farmington, NM 87401 • (5		1 mand of 1	1			SAN JU	IÁN PRINTING 021941E



	SPECIAL WASTE MANIFEST	M	anifest Document No. SW - 15	81		Page 1 of			
	Generator's Name DNZ Uperahig LU	Generator's Address	Aztar NM	Generate	or's Teleph	none No.			
	Origin of Special Waste (Project or Spill Location): (Protect Rich Chart #44 (CR) #6								
		0-06	2- 25 N-	12W		7)			
	Transporter #1 Company Name どいいかかん	Address Address	5HOI 515	Telephone No. 515 632 06/5					
	Transporter #2 Company Name	Telephone	No.						
	Destination Facility Name/Site Address Lary Mark Hollow NM 01001			Telephone No. 535 632 06/5					
	Type and Proper Nam	e of Special Waste	Container(No. T	S) Total ype Quantity	Unit Wt/Vol				
GE	Crude oil contamina	ted sil	1 1	7 20	1/2/3				
ZE	CIVIO (III) CONTOURING				1,000				
RAT									
OR									
	Additional Descriptions for Special Waste Listed Above:								
	Special Handling Instructions: The Property of the Special Waste, and that such waste has been meaning the special waste, and that such waste has been meaning the special waste, and that such waste has been meaning the special waste, and that such waste has been meaning the special waste, and that such waste has been meaning the special waste, and that such waste has been meaning the special waste, and that such waste has been meaning the special waste, and that such waste has been meaning the special waste.								
	(Special Waste Requirements) in addition to any ot								
	Printed/Typed Name: As Asco	Signature:	manus In the M.	Date:	15/19				
7	Transporter 1 Acknowledgement of Receipt of	of Special Waste	mand (11) PT)		. // 7				
ANSP	Printed/Typed Name:	Signature:	LA	Date:	-5-19				
	Transporter 2 Acknowledgement of Receipt of Printed/Typed Name:	of Special Waste Signature:		Date:					
-	Discrepancy Indication Space:								
FACILI									
7	Facility Owner or Operator: I hereby acknowledge Discrepancy Indication Space.	e receipt of the special waste as i	ndicated upon this man	ifest, except as	s noted abov	e in the			
	Printed/Typed Name:	Signature:	Minho	Date:	1-5-1				
579	6 U.S. Highway 64 • Farmington, NM 87401 • (505)	632-0615 Office			SAN JUA	N PRINTING 021941E			



5796 U.S. Highway 64 • Farmington, NM 87401 • (505) 632-0615 Office

SPECIAL WASTE MANIFEST			SW - 1	58	2		Page 1 of
Generator's Name	1 100	s Address A B	FILL DA	1	Generate 505	,	shone No.
Origin of Special Waste (Pro	ject or Spill Location):/ 1919	hel bish	Unit	12	W CB	1 #4/	
Transporter #1 Company, Name Address Transporter #2 Company Name Address Address Telephone No. Telephone No. Telephone No.							5
Destination, Facility Name/Site A	Address Facility ID (Perm	,	Telepho		3Z (C65	
Type an	d Proper Name of Special Waste		Contair No.	ner(s) Type	Total Quantity	Unit Wt/Vol	
crude vil cor	Hammaded soi	/	1	T	20	yds	
4							
	Additional Descriptions	for Special Waste	Listed Abo	ve:			
Special Handling Instructions	TARP LOAD						
GENERATOR'S CERTIFICATION: the special waste, and that such was (Special Waste Requirements) in ad	ite has been managed, packaged,	containerized and label	led in accordar				
	Macual) Signatur	B:	(Ar My.	ene to	Date:	5/19	
Transporter 1 Acknowledgemen Printed/Typed Name:	Signatur		1/7		Date:	151.	19
Transporter 2 Acknowledgemer Printed/Typed Name:	t of Receipt of Special Waste Signatur	e:			Date:		
Discrepancy Indication Space							
Facility Owner or Operator: I hereb Discrepancy Indication Space.			d upon this n	nanifes		s noted abo	ove in the
Printed/Typed Name:		au Kar	MMA	917	Date:	1-5-	JAN PRINTING 021941

tech

Bill of Lading

MANIFEST # 65704

GENERATOR DIR

POINT OF ORIGIN CONTRAL BISHINGT IN

S. HIGHWAY 6	84 • FARMING	TON, NEV	V MEXICO	O 87401	DATE /	1-22-	19 JOB#_	17035-0150
OMPLETE DESCR	IPTION OF SHIPM	/IENT					ORTING COMPA	
MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
ort	1-26	10				23	10:40	03
->		10			-111-11-11-11-11-11-11-11-11-11-11-11-1			
			-11-11					
					744015			
LANDFARM EMPLOYEE	D	_ 7		EL	NOTES	5		
Soil w/ Debris 🗆 /	After Hours /Weeke	nd Receival	□ Scrape C	Out FLMach Out				
y signing as the	driver/transport	er, I certify ove mention	the mater	ial hauled from	m the above l Origin and th	nat no addition	nal material has	to or tampered with. I been added or mixed ordingly.
						Phor	ne	94-9-4
n of the legal do	cument. DIST	RIBUTION:	White - Comp	pany Records, \	'eltow - Billing,	Pink - Customer,	Goldenrod - LF (
								SAN JUAN PRINTING 021971E



DATE 11-22	2-19	TIME 10	0.40	Attach test strip he	re
CUSTOMER	DJR			10	
SITE	Cent RA/ Bi	Sti VNIT	HI Y	AN T AB	
DRIVER	× an				
SAMPLE	Soil Straight_	With	n Dirt	8	
CHLORIDE TEST	-283 mg/Kg	g		2	
ACCEPTED	YES	N	0	8	
PAINT FILTER TES	T Time started 10.46	Tir	me completed 10.4	'5	
PASS	YES	_ N	<u> </u>		
SAMPLER/ANALYS	IT Xare	1			

5796 US Hwy 64, Farmington, NM 87401 Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com



	SPECIAL WASTE MANIFEST		Manifest Document No.	9			Page 1 of
-	Generator's Name	Generator's Address 1 Pd 3263 A Ztec um			1		hone No.
	DR Operating LL Origin of Special Waste (Project or S	pill Location):	77410		203	450	77 TQ
	Origin of Special Waste (Project or S	St Unit #54 ((BU#4)				
	L+U O.H.	Address	Telephone				
	Transporter #2 Company Name	Address	Telephone	No.			
	Destination Facility Name/Site Address Land Form 2	Facility ID (Permit) Number	Telephone		12 -C	2100	
	Hilltag MM 87413	NM -01-001		-1->			
G	Type and Proper N	Name of Special Waste	Container No.	r(s) Type	Total Quantity	Unit Wt/Vol	
ENE	petroleum contant	ated soil	1	H)	10	Cy	
RA						٠	
10							
刀							
	Ad	ditional Descriptions for Specia	Waste Listed Above	e:			
	Special Handling Instructions:						
	GENERATOR'S CERTIFICATION: I hereby control that such waste has been as the control of the special waste Requirements) in addition to an addition to a addition to an addition to a addition to	en managed, packaged, containerized	and labeled in accordance				
4	Printed/Typed Name:	Signature:	Harl		Date:	12/19	
TRA	Transporter 1 Acknowledgement of Rece Printed/Typed Name:	iptof Special Waste Signature:	//.		Date:		
NSPC	Ord Spnally Transporter 2 Acknowledgement of Rece	and Si	nally		1/-	22-1	9
1 3115	Printed/Typed Name:	Signature:			Date:		
H	Discrepancy Indication Space:						
FACIL							
	Facility Owner or Operator: I hereby acknowl	edge receipt of the special waste as	indicated upon this ma	nifes	t, except a	s noted abo	ove in the
	Discrepancy Indication Space. Printed/Typed Name:	Signature:	1		Date:		
570	DAVE LANGE 6 U.S. Highway 64 • Farmington, NM 87401 • (6	Slive			11	-22-19	JAN PRINTING 021941E