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

State of New Mexico Energy Minerals and Natural **Resources** Department

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

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Three Rivers Trucking	OGRID
Contact Name Cindy Pinkett	Contact Telephone 505-360-0936
Contact email cpinkett@yahoo.com	Incident # (assigned by OCD) nVF1902954401
Contact mailing address 5929 US Hwy 64, Farmington, Ne	ew Mexico 87401
Location of R	elease Source PVF-19029541152

Location of Release Source

Latitude 36.825689

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Highway 173, Mile Marker I	Site Type
Date Release Discovered 1/26/2019	API# (if applicable)

Unit Letter	Section	Township	Range	County	
G	10	30N	11W	San Juan	

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

Materia	I(s) Released (Select all that apply and attach calculations or specif	c justification for the volumes provided below)
Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
X Produced Water	Volume Released (bbls) 10	Volume Recovered (bbls)
	ls 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)
Cause of Release Vehicular accident		
		NMOCD
		MAR 0 8 2019
		DISTRICT III

Form C-141 Page 2	State of New Mexico Oil Conservation Division	Incident ID District RP Facility ID Application ID
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible pa 19.15.29.7 (b) may with reasonable prob	
	otice given to the OCD? By whom? To whom? W Vanessa Fields, phone call on 1/26/2019	/hen and by what means (phone, email, etc)?

Initial Response

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

X The source of the release has been stopped.

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

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

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

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

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

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

Printed Name: Cindy Pinkett

Signature: Conton email: cpinkett@yahoo.com

Title:	Sectreas
_	

Date: 3-6-2017

Telephone: 505-360-0936

OCD Only

Received by:

Date:

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

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

 \mathbf{x} Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

X Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

 $\Box_{\mathbf{x}}$ Description of remediation activities

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

Printed Name: Cindy Pinkett Signature: Cindy Pinkett email: cpinkett@yahoo.com	
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:



February 27, 2019

Project Number: 04036-0007

Ms. Cindy Pinkett Three Rivers Trucking 5929 US Hwy 64 Farmington, New Mexico 87401

Email: <u>cpinkett@yahoo.com</u> Phone: (505) 360-0936

RE: EMERGENCY SPILL RESPONSE, ASSESSMENT, AND CLOSURE REPORT FOR PRODUCED WATER SPILL, HIGHWAY 173, MILE MARKER 1, AZTEC, NEW MEXICO

Dear Ms. Pinkett,

Enclosed please find the *Spill Assessment and Closure Report* detailing emergency response and remediation activities completed for a produced water spill along Highway 173, near Mile Marker 1, Aztec, 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 Staff Scientist bhall@envirotech-inc.com

Enclosures: Spill Cleanup Report

Cc: Client File No. 04036



EMERGENCY SPILL RESPONSE, ASSESSMENT, AND CLOSURE REPORT

LOCATION: Hwy 173, Mile Marker 1 Aztec, New Mexico

PREPARED FOR: THREE RIVERS TRUCKING MS. CINDY PINKETT 5926 US HWY 64 FARMINGTON, NEW MEXICO 87401



PROJECT NUMBER: 04036-0007

JANUARY 2019

5796 US Highway 64, Farmington, NM 87401 24 Hour Emergency Response Phone (800) 362-1879 Ph (505) 632-0615 Fx (505) 632-1865

THREE RIVERS TRUCKING EMERGENCY SPILL RESPONSE, ASSESSMENT, AND CLOSURE REPORT HIGHWAY 173, MILE MARKER 1 AZTEC, SAN JUAN COUNTY, NEW MEXICO

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envirotech					

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Three Rivers Trucking Spill Closure Report Highway 173, MM 1, San Juan County, NM Project Number 04036-0007 January 2019 Page 1

Introduction

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by Three Rivers Trucking to provide emergency spill response and remediation activities for a trucking incident that resulted in the release of produced water, diesel, and motor oil. The release impacted the easement of Highway 173, approximately 760 feet of the adjacent power line right of way (ROW), and a natural depression/drainage extending south from the ROW; see *Figure 1, Vicinity Map.*

The release (site) occurred along the southbound lane of the intersection of Highway 173 and Old Spanish Trail, near Mile Marker 1, Aztec, San Juan County, New Mexico. The release source location was further identified as Latitude: 36.825689, Longitude: -107.967590, and the release terminus as Latitude: 36.82631, -107.969851. Release extents are illustrated on *Figure 2, Site Map*.

Emergency Spill Response

Envirotech was initially contacted by Three Rivers Trucking on January 26, 2019, with a request for emergency spill response services at the above-referenced location. Upon arrival to the site Envirotech personnel completed a Job Safety Analysis (JSA) and site assessment prior to commencement of field work.

Initial response measures included installation of absorbent booms at the release terminus in order to prevent further migration of the fluids. Absorbent material was also placed along the asphalt bike path and shoulder of Highway 173 to mitigate surface impact from pooled diesel and motor oil. Before leaving the site on January 26, 2019, Envirotech collected the used absorbent material placed within the roadway and bike path. The material was placed into 55-gallon steel drums, transported off site to the Envirotech storage yard, and staged pending waste characterization and disposal.

Envirotech personnel returned to the site on Tuesday, January 29, 2019, to install fencing around the release area to deter access by the public and wildlife.

Waste Characterization Sample Collection

Since the produced water was co-mingled with diesel and motor oil, the release derived waste materials are considered Non-exempt Exploration and Production (E&P) waste per the Resource Conservation and Recovery Act (RCRA); therefore, waste characterization samples were required to be collected in order to profile for potentially hazardous waste characteristics.



One (1) soil sample, including absorbent material (*Waste Characterization*), was collected from the area impacted by the motor oil and diesel fuel and one (1) soil sample (*Produced Water Spill*) was collected from the source area consisting mainly of produced water. Samples were placed into individual laboratory provided 4-ounce glass jars, capped head space free, and transported on ice under chain of custody to Envirotech's Analytical Laboratory.

The material impacted by diesel and motor oil was analyzed for RCRA eight (8) total metals per United States Environmental Protection Agency (USEPA) Method 6010. The metals included in the analysis are as follows: arsenic, barium, cadmium, chromium, lead, selenium, silver. The produced water impacted material was analyzed for total petroleum hydrocarbons (TPH) as gasoline range organics (GRO), diesel range organics (DRO), and oil range organics (ORO) per USEPA Method 8015D, benzene, toluene, ethylbenzene, and total xylenes (BTEX) per USEPA Method 8021B, and chloride per USEPA Method 300.0.

Laboratory Analytical Results

Laboratory analytical results for both soil samples collected resulted in concentrations of contaminants of concern below RCRA regulatory limits for hazardous waste characteristics; therefore, the material was approved to be disposed at Envirotech's New Mexico Oil Conservation Division (NMOCD) permitted soil remediation facility, Landfarm 2, located near Hilltop, New Mexico. Laboratory analytical reports are provided in *Appendix A, Analytical Reports*.

Spill Remediation

Envirotech personnel completed reclamation activities at the site on January 30 – February 1, 2019, that included excavation of petroleum hydrocarbon contaminated soil (PCS), field screening of soil samples, confirmation soil sample collection, laboratory analysis, disposal of PCS, and site restoration.

Pre-field Coordination

Prior to remediation activities, an underground utility locate request was submitted to New Mexico 811 on January 28, 2019. A copy of the notifications is provided in *Appendix B*, *Notifications*.

PCS Excavation

Initial excavation activities started at the terminal end of the release and continued upgradient towards Highway 173. Visibly stained soil along the release path was excavated using hand tools and a mini-excavator. The excavation measured approximately 760 feet in length and varied 2



feet to 8 feet in width. Total depth of the excavation ranged from 6 inches to 1 foot below ground surface (bgs), with the exception of the area immediately adjacent to Highway 173, where the total depth reached up to 1.5 feet bgs. Excavation activities are documented in *Appendix C, Photograph Log*.

Soil Sample Field Screening

The excavation was guided using a field screening method where a soil sample was analyzed in the field for TPH per USEPA 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

One (1) five-point composite sample (Section Near Path) was collected from the area adjacent to Highway 173 where the diesel and motor oil release had been concentrated. The field screening results reported a concentration of TPH at 104 mg/kg. Field screening results are documented in *Appendix D, Field Notes*.

Confirmation Soil Sample Collection

The excavation was divided into ten (10) sections (Sections1 – 10), each measuring approximately 75 feet long and varying in width and depth as previously documented. Confirmation soil samples were collected under witness of Vanessa Fields, NMOCD Environmental Specialist, on January 31 and February 1, 2019.

One (1) five-point composite sample was collected from each section (*Sections 1-10*) and from the area where contaminated soil was stockpiled (*Beneath Spoils Pile*). Samples were placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech's analytical laboratory. Soil samples were analyzed for GRO/DRO/ORO using USEPA Method 8015D, BTEX using USEPA Method 8021B, and chlorides using USEPA Method 300.0. Soil sample locations are illustrated in *Figure 2, Site Map.*

Laboratory Analytical Results

Due to the proximity of the release to Hampton Arroyo (140 feet south of the release terminus), the following 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 600 mg/kg
- TPH (GRO+DRO+ORO) 100 mg/kg



- BTEX 50 mg/kg
- Benzene 10 mg/kg

All soil samples collected for laboratory analysis returned results below the laboratory detection limits for BTEX and TPH except DRO from Section 9 at 37.8 mg/kg. Chloride was detected in all the samples analyzed, and concentrations ranged from 29.2 mg/kg in Section 3 to 230 mg/kg in Section 6. Analytical results are summarized in *Table 1, Summary of Soil Analytical Results*.

PCS Disposal and Site Restoration

Approximately 138 cubic yards of petroleum hydrocarbon and produced water contaminated soil were excavated and transported by Envirotech to Envirotech's NMOCD permitted soil remediation facility, Landfarm 2, located near Hilltop, New Mexico. To complete site restoration, approximately 10 cubic yards of clean backfill were transported by Envirotech to the site. The clean backfill and clean soil from the ROW were incorporated to re-contour the location to pre-incident conditions. Transport and disposal documentation are provided in *Appendix E, Bills of Lading and Special Waste Manifest*.

Summary and Conclusions

On January 30-February 1, 2019, Envirotech personnel completed an emergency spill response and subsequent remediation of soil impacted by produced water, diesel, and motor oil due to a trucking incident along the southbound lane of Highway 173 and Old Spanish Trail near Mile Marker I, San Juan County, New Mexico.

Based on the final laboratory analytical results of the excavation of petroleum contaminated soils at the location, GRO, DRO, ORO, BTEX, and chlorides were below the applicable NMOCD Closure Criteria for Soils Impacted by a Release. 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 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.



Three Rivers Trucking Spill Closure Report Highway 173. MM 1. San Juan County, NM Project Number 04036-0007 January 2019 Page 5

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

Reviewed by:

elijo fran-

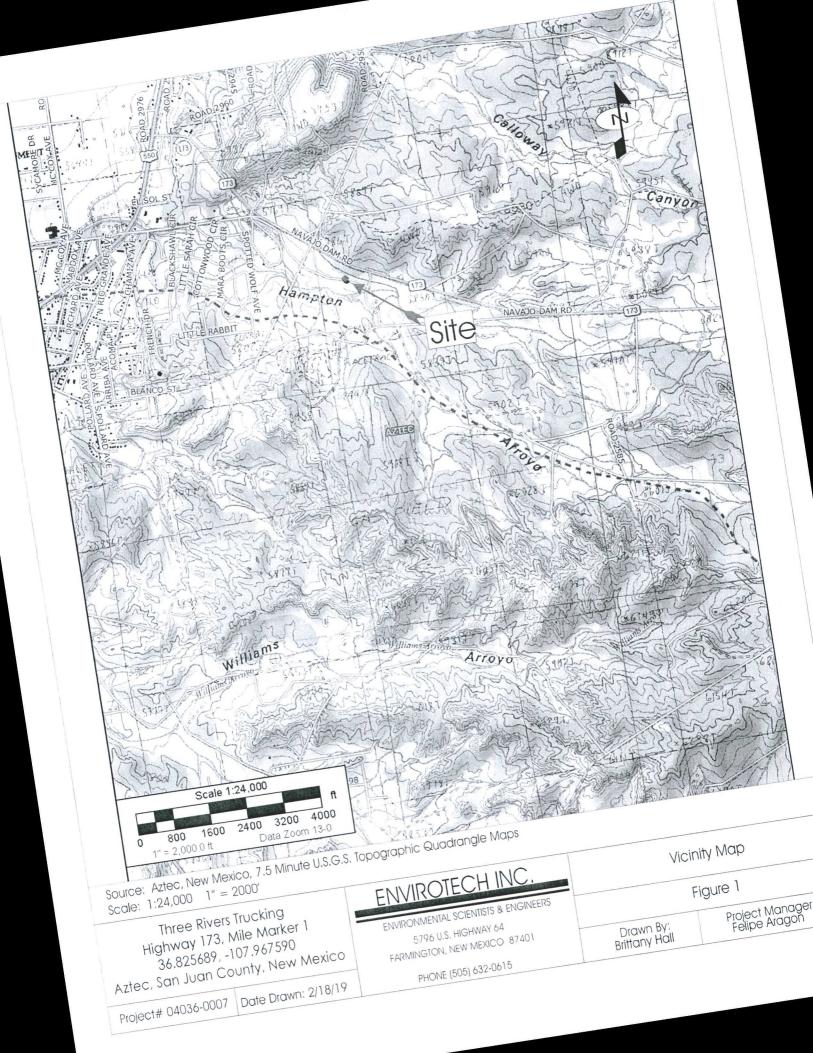
Felipe Aragon, CHMM, CES Environmental Assistant Manager faragon@envirotech-inc.com

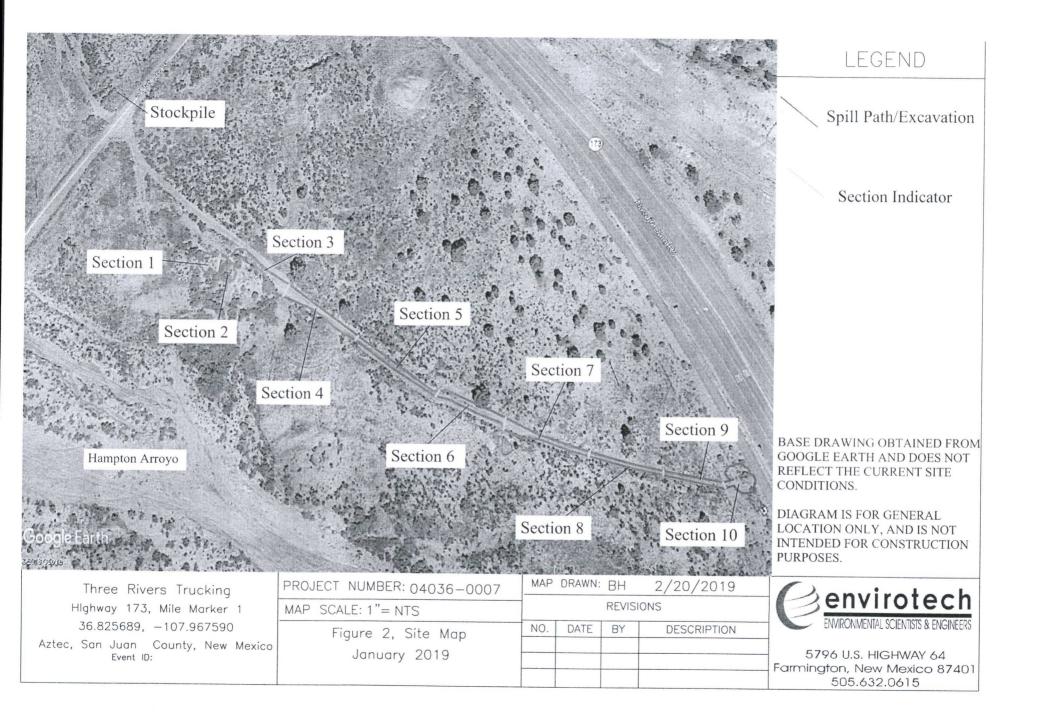
FIGURES

Figure 1, Vicinity Map

Figure 2, Site Map







TABLES

Table 1, Summary of Soil Analytical Results



Table 1, Summary of Soil Analytical Results Three Rivers Trucking Emergency Spill Respoonse, Assessment, and Closure Report Highway 173, Mile Marker 1 Project Number: 04036-0007

		USE	EPA Method	8015	USEPA Method 8021		USEPA Method 300.0	
Sample Description*	Date	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)	
NMOCD Closure Criteria for Soi by a Release [Table 1 -19.15.2			100 mg/Kg		10 mg/Kg	50 mg/Kg	600 mg/Kg	
Section 1	1/31/2019	<20.0	<25.0	<50.0	< 0.025	< 0.100	57.7	
Section 2	1/31/2019	<20.0	<25.0	<50.0	< 0.025	< 0.100	29.2	
Section 3	1/31/2019	<20.0	<25.0	<50.0	< 0.025	< 0.100	187	
Section 4	1/31/2019	<20.0	<25.0	<50.0	< 0.025	< 0.100	126	
Section 5	1/31/2019	<20.0	<25.0	<50.0	< 0.025	< 0.100	125	
Section 6	1/31/2019	<20.0	<25.0	<50.0	< 0.025	< 0.100	230	
Section 7	2/1/2019	<20.0	<25.0	<50.0	< 0.025	< 0.100	77.5	
Section 8	2/1/2019	<20.0	<25.0	<50.0	< 0.025	< 0.100	64.3	
Section 9	2/1/2019	<20.0	37.8	<50.0	< 0.025	< 0.100	169	
Section 10	2/1/2019	<20.0	<25.0	<50.0	< 0.025	< 0.100	35.3	
Beneath Spoils Pile	2/1/2019	<20.0	<25.0	<50.0	< 0.025	< 0.100	<20.0	

*5-point composite soil samples



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APPENDIX A

Analytical Reports





Analytical Report

Report Summary

Client: Three Rivers Trucking Chain Of Custody Number: Samples Received: 1/28/2019 8:36:00AM Job Number: 04036-0007 Work Order: P901040 Project Name/Location: HWY 173 Spill

Walter Hinden

Date:

1/31/19

Report Reviewed By:

Walter Hinchman, Laboratory Director

Tim Cain, Project Manager

Date: 1/31/19



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. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. Envirotech, Inc, currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865 Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com laboratory@envirotech-inc.com



Three Rivers Trucking	Project Name:	HWY 173 Spill	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	01/31/19 11:02

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Waste Characterization	P901040-01A	Soil	01/26/19	01/28/19	Glass Jar, 4 oz.
	P901040-01B	Soil	01/26/19	01/28/19	Glass Jar, 4 oz.

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Page 2 of 7



Project	Name:	HWY	' 173 Spill					
Project	Number	0403	6-0007				Reported:	
Project	Manager:	Felip	e Aragon				01/31/19 11:	02
	Waste C	haracter	ization					
	P9010	40-01 (So	lid)					
	Reporting							
Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
11.2	0.500	mg/kg	1	1905006	01/28/19	01/28/19	EPA 6010C	
58.7	6.25	mg/kg	1	1905006	01/28/19	01/28/19	EPA 6010C	
ND	0.250	mg/kg	1	1905006	01/28/19	01/28/19	EPA 6010C	
5.42	0.500	mg/kg	1	1905006	01/28/19	01/28/19	EPA 6010C	
1.53	0.250	mg/kg	1	1905006	01/28/19	01/28/19	EPA 6010C	
ND	1.25	mg/kg	1	1905006	01/28/19	01/28/19	EPA 6010C	
ND	0.250	mg/kg	1	1905006	01/28/19	01/28/19	EPA 6010C	
ND	20.0	ug/kg	1	1905011	01/29/19	01/29/19	EPA 7471B	
	Project Project Result 11.2 58.7 ND 5.42 1.53 ND ND ND	P9010 Reporting Result Limit 11.2 0.500 58.7 6.25 ND 0.250 5.42 0.500 1.53 0.250 ND 1.25 ND 0.250	Project Number: 04030 Project Manager: Felip Waste Character P901040-01 (So Result Limit Units 11.2 0.500 mg/kg 58.7 6.25 mg/kg ND 0.250 mg/kg 1.53 0.250 mg/kg ND 1.25 mg/kg ND 0.250 mg/kg ND 1.25 mg/kg ND 0.250 mg/kg	Project Number: 04036-0007 Project Manager: Felipe Aragon Waste Characterization P901040-01 (Solid) Result Limit Units Dilution 11.2 0.500 mg/kg I 58.7 6.25 mg/kg I ND 0.250 mg/kg I 1.53 0.250 mg/kg I ND 1.25 mg/kg I ND 0.250 mg/kg I ND 0.250 mg/kg I ND 0.250 mg/kg I	Project Number: 04036-0007 Project Manager: Felipe Aragon Waste Characterization P901040-01 (Solid) Result Limit Units Dilution Batch 11.2 0.500 mg/kg 1 1905006 S8.7 6.25 mg/kg 1 1905006 ND 0.250 mg/kg 1 1905006 1.53 0.250 mg/kg 1 1905006 ND 1.25 mg/kg 1 1905006 ND 0.250 mg/kg 1 1905006 ND 0.250 mg/kg 1 1905006 ND 0.250 mg/kg 1 1905006	Project Number: 04036-0007 Project Manager: Felipe Aragon Waste Characterization P901040-01 (Solid) Result Limit Units Dilution Batch Prepared III.2 0.500 mg/kg 1 1905006 01/28/19 S8.7 6.25 mg/kg 1 1905006 01/28/19 ND 0.250 mg/kg 1 1905006 01/28/19 5.42 0.500 mg/kg 1 1905006 01/28/19 1.53 0.250 mg/kg 1 1905006 01/28/19 ND 1.25 mg/kg 1 1905006 01/28/19 ND 0.250 mg/kg 1 1905006 01/28/19 ND 0.250 mg/kg 1 1905006 01/28/19 ND 0.250 mg/kg 1 1905006 01/28/19	Project Number: 04036-0007 Project Manager: Felipe Aragon Waste Characterization P901040-01 (Solid) Result Limit Units Dilution Batch Prepared Analyzed Interview of the second	Project Number: 04036-0007 Felipe Aragon Reported: Project Manager: Felipe Aragon 01/31/19 11: Waste Characterization P901040-01 (Solid) Reporting Result Limit Units Dilution Batch Prepared Analyzed Method 11.2 0.500 mg/kg 1 1905006 01/28/19 01/28/19 EPA 6010C 58.7 6.25 mg/kg 1 1905006 01/28/19 01/28/19 EPA 6010C ND 0.250 mg/kg 1 1905006 01/28/19 01/28/19 EPA 6010C 5.42 0.500 mg/kg 1 1905006 01/28/19 01/28/19 EPA 6010C 1.53 0.250 mg/kg 1 1905006 01/28/19 01/28/19 EPA 6010C ND 1.25 mg/kg 1 1905006 01/28/19 01/28/19 EPA 6010C ND 0.250 mg/kg 1 1905006 01/28/19 D1/28/19 <t< td=""></t<>

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Ph (970) 259-0615 Fr (800) 362-1879



Three Rivers Trucking	Project Name:	HWY 173 Spill	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	01/31/19 11:02

Total Metals by 6010 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
mayte	Result	Chint	Onits	Lever	resur	Vittee	Linits	N D	Linit	110105
Batch 1905006 - Metals Solid Hotblock	Digestion EPA 30	50B/200.2								
Blank (1905006-BLK1)				Prepared &	Analyzed:	01/28/19 1				
Arsenic	ND	0.500	mg/kg							
Barium	ND	6.25								
admium	ND	0.250								
`hromium	ND	0.500								
ead	ND	0.250								
elenium	ND	1.25								
ilver	ND	0.250	н							
LCS (1905006-BS1)				Prepared &	Analyzed:	01/28/191				
Arsenic	11.6	0.500	mg/kg	12.5		93.0	80-120			
Barium	302	6.25		313		96.6	80-120			
admium	5.91	0.250	н	6.25		94.6	80-120			
Thromium	23.4	0.500		25.0		93.6	80-120			
ead	6.03	0.250		6.25		96.4	80-120			
elenium	28.8	1.25	н	31.3		92.1	80-120			
filver	2.42	0.250		2.50		96.8	80-120			
Matrix Spike (1905006-MS1)	Sour	ce: P901040-	01	Prepared &	Analyzed:	01/28/19 1				
Arsenic	22.7	0.500	mg/kg	12.5	11.2	92.0	75-125			
Barium	344	6.25	н	313	58.7	91.4	75-125			
admium	5.82	0.250	н	6.25	ND	93.1	75-125			
Chromium	28.9	0.500	н	25.0	5.42	93.9	75-125			
ead	7.86	0.250		6.25	1.53	101	75-125			
Selenium	27.1	1.25		31.3	ND	86.7	75-125			
Silver	2.49	0.250		2.50	ND	99.5	75-125			
Matrix Spike Dup (1905006-MSD1)	Sour	ce: P901040-	01	Prepared &	Analyzed:	01/28/19 1				
Arsenic	18.1	0.500	mg/kg	12.5	11.2	55.1	75-125	22.6	20	D1, SPK
Barium	326	6.25		313	58.7	85.4	75-125	5.60	20	
Cadmium	5.63	0.250	11	6.25	ND	90.1	75-125	3.23	20	
Chromium	26.5	0.500		25.0	5.42	84.3	75-125	8.66	20	
Lead	7.36	0.250		6.25	1.53	93.4	75-125	6.60	20	
Selenium	26.6	1.25		31.3	ND	85.0	75-125	2.05	20	
Silver	2.36	0.250		2.50	ND	94.2	75-125	5.47	20	

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Three Rivers Trucking	Project Name:	HWY 173 Spill	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	01/31/19 11:02

Total Mercury by 7471B - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1905011 - Mercury Solid Digestio	n KMNO4									
Blank (1905011-BLK1)				Prepared: (01/29/19 0 A	Analyzed: 0	1/29/19 1			
Mercury	ND	20.0	ug/kg							
LCS (1905011-BS1)				Prepared: ()1/29/19 0 A	Analyzed: 0	1/29/19 1			
Mercury	140	20.0	ug/kg	160		87.3	80-120			
Matrix Spike (1905011-MS1)	Sour	ce: P901040-	01	Prepared: ()1/29/19 0 A	Analyzed: 0	1/29/19 1			
Mercury	138	20.0	ug/kg	160	ND	86.1	80-120			
Matrix Spike Dup (1905011-MSD1)	Sour	ce: P901040-	01	Prepared: ()1/29/19 0 A	Analyzed: 0	1/29/19 1			
Mercury	145	20.0	ug/kg	160	ND	90.6	80-120	5.10	20	

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Three Rivers Trucking	Project Name:	HWY 173 Spill	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	01/31/19 11:02

Notes and Definitions

SPK1	The spike recovery is outside of quality control limits.
DI	Duplicates or Matrix Spike Duplicates or Laboratory Control Sample Duplicates Relative Percent Difference is outside of control limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

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nc.com

Client:	Three Ew	in tru	cking		11-12-5	Report Attention				Lab	Use O	Jse Only			TAT	E	PA Prog	ram
					6.4	Report due by:		Lat	b WC	#	1. C		nber	0.201002	1D 3D	RCRA	CWA	SDW
Project N	Manager:	F.Arag	gon			Email:			901	040	104	03	Q-000	FC				
Address:	and the second s					Address: City, State, Zip					Anal	lysis and Method						tate
City, Stat	te, Zip											1					NM CC	
Phone:						Phone:		_	-								\sim	
Email: G	crabtree A	dmin Bh	all Farag	on					5								N	
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID			Lab Numb	er f3	2								Rei	marks
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Addition	al Instruc	tions:	\	1 < 7	20	in coder	a seadari	10	1								1	
(field sample	er), attest to the	validity and a	uthenticity of		n aware ti	nat tampering with or intentionally mislabel	ing the sample locatio	n, date oi	r time o	f collection	15 1						ice the day they 5 °C on subseque	
elinquishe	ed by: (Signa	ture)	Dațe	P	me B3	Received by: (Signature)	Date	119	Time	36			d on i		THE REAL CORD & MILES	se Only		
	ed by: (Signa		Date		me	Received by: (Signature)	Date	11	Time	No. of Concession, Name	T1	G Ter		ce:	(V / }	N	<u>T3</u>	
ample Mat	rix: S - Soil, So	- Solid. Sg -	Sludge, A -	Aqueous, O - (Other		Contai	ner Tv	pe: g	- glass.	11/2014 2524	And the second	AND RECORDS	z - am	ber gla	is, v - VO	A	
lote: Sampl	les are discard	led 30 days a	after results	are reported u	inless oth	her arrangements are made. Hazardo ith this COC. The liability of the labor	us samples will be r	turned	to clie	nt or disp	osed of a	at the d						ne above
5	en																	

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Analytical Report

Report Summary

Client: Three Rivers Trucking Chain Of Custody Number: Samples Received: 1/28/2019 8:36:00AM Job Number: 04036-0007 Work Order: P901038 Project Name/Location: HWY 173 Spill

Walter Himkenn

Date:

1/29/19

1/29/19

Walter Hinchman, Laboratory Director

Tim Cain, Project Manager

Date:

TNI FyBORATORY

Report Reviewed By:

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. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. Envirotech, Inc, currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

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Three Rivers Trucking	Project Name:	HWY 173 Spill	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	01/29/19 16:37

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Produced Water Spill	P901038-01A	Soil	01/26/19	01/28/19	Glass Jar, 4 oz.
	P901038-01B	Soil	01/26/19	01/28/19	Glass Jar, 4 oz.

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Three Rivers Trucking	Project	Name:	HWY	Y 173 Spill					
PO Box 2728	Project	Number	0403	6-0007	Reported:				
Farmington NM, 87499	Project	Project Manager: Felipe Aragon					01/29/19 16:37		
		Produce	ed Water	r Spill					
		P9010	38-01 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	158	25.0	ug/kg	1	1905005	01/28/19	01/28/19	EPA 8021B	
Toluene	3180	25.0	ug/kg	1	1905005	01/28/19	01/28/19	EPA 8021B	
Ethylbenzene	784	25.0	ug/kg	1	1905005	01/28/19	01/28/19	EPA 8021B	
p,m-Xylene	6050	50.0	ug/kg	1	1905005	01/28/19	01/28/19	EPA 8021B	
o-Xylene	1610	25.0	ug/kg	1	1905005	01/28/19	01/28/19	EPA 8021B	
Total Xylenes	7660	25.0	ug/kg	1	1905005	01/28/19	01/28/19	EPA 8021B	
Total BTEX	11800	25.0	ug/kg	1	1905005	01/28/19	01/28/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	50	-150	1905005	01/28/19	01/28/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	127	20.0	mg/kg	I	1905005	01/28/19	01/28/19	EPA 8015D	
Diesel Range Organics (C10-C28)	1290	25.0	mg/kg	1	1905004	01/28/19	01/28/19	EPA 8015D	
Oil Range Organics (C28-C40+)	398	50.0	mg/kg	1	1905004	01/28/19	01/28/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		117 %	50	-150	1905005	01/28/19	01/28/19	EPA 8015D	
Surrogate: n-Nonane		131 %	50	-200	1905004	01/28/19	01/28/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	570	20.0	mg/kg	1	1905002	01/28/19	01/28/19	EPA 300.0/9056A	

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Three Rivers Trucking	Project Name:	HWY 173 Spill	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	01/29/19 16:37

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1905005 - Purge and Trap EPA 5030A										
Blank (1905005-BLK1)				Prepared &	k Analyzed:	01/28/19 1				
Benzene	ND	25.0	ug/kg	1	,					
Toluene	ND	25.0	"							
Ethylbenzene	ND	25.0								
o,m-Xylene	ND	50.0	0							
p-Xylene	ND	25.0	ii.							
Fotal Xylenes	ND	25.0								
Total BTEX	ND	25.0								
urrogate: 4-Bromochlorobenzene-PID	7870		"	8000		98.3	50-150			
LCS (1905005-BS1)				Prepared &	& Analyzed:	01/28/19 1				
Benzene	4620	25.0	ug/kg	5000		92.5	70-130			
Toluene	4680	25.0		5000		93.7	70-130			
thylbenzene	4740	25.0	0	5000		94.7	70-130			
),m-Xylene	9730	50.0	0	10000		97.3	70-130			
o-Xylene	4700	25.0		5000		94.0	70-130			
Fotal Xylenes	14400	25.0		15000		96.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7920		"	8000		99.0	50-150			
Matrix Spike (1905005-MS1)	Sou	arce: P901038-	01	Prepared &	& Analyzed:	01/28/19 1				
Benzene	4860	25.0	ug/kg	5000	158	94.0	54.3-133			
foluene	8410	25.0		5000	3180	105	61.4-130			
Ethylbenzene	5540	25.0		5000	784	95.1	61.4-133			
o,m-Xylene	14800	50.0		10000	6050	87.2	63.3-131			
o-Xylene	6310	25.0		5000	1610	94.1	63.3-131			
Fotal Xylenes	21100	25.0		15000	7660	89.5	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	7670		"	8000		95.9	50-150			
Matrix Spike Dup (1905005-MSD1)	Sou	arce: P901038-	01	Prepared &	& Analyzed:	01/28/19 1				
Benzene	4460	25.0	ug/kg	5000	158	86.0	54.3-133	8.64	20	
oluene	8030	25.0		5000	3180	97.2	61.4-130	4.60	20	
Ethylbenzene	5110	25.0		5000	784	86.6	61.4-133	8.01	20	
,m-Xylene	14000	50.0		10000	6050	79.7	63.3-131	5.19	20	
p-Xylene	5930	25.0		5000	1610	86.4	63.3-131	6.28	20	
Fotal Xylenes	19900	25.0	0	15000	7660	81.9	63.3-131	5.52	20	
Surrogate: 4-Bromochlorobenzene-P1D	7770		"	8000		97.2	50-150			

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Three	Rivers Trucking	Project Name:	HWY 173 Spill	
PO Bo	x 2728	Project Number:	04036-0007	Reported:
Farmir	ngton NM, 87499	Project Manager:	Felipe Aragon	01/29/19 16:37

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1905004 - DRO Extraction EPA 3570										
Blank (1905004-BLK1)				Prepared &	Analyzed:	01/28/19 1				
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40+)	ND	50.0								
Surrogate: n-Nonane	49.0		"	50.0		98.0	50-200			
LCS (1905004-BS1)				Prepared &	Analyzed:	01/28/191				
Diesel Range Organics (C10-C28)	441	25.0	mg/kg	500		88.2	38-132			
Surrogate: n-Nonane	48.2		п	50.0		96.4	50-200			
Matrix Spike (1905004-MS1)	Sou	rce: P901039-	01	Prepared &	Analyzed:	01/28/19 1				
Diesel Range Organics (C10-C28)	470	25.0	mg/kg	500	ND	94.1	38-132			
Surrogate. n-Nonane	46.0		"	50.0		92.0	50-200			
Matrix Spike Dup (1905004-MSD1)	Sou	rce: P901039-	01	Prepared &	Analyzed:	01/28/19 1				
Diesel Range Organics (C10-C28)	483	25.0	mg/kg	500	ND	96.6	38-132	2.65	20	
Surrogate: n-Nonane	51.1		11	50.0		102	50-200			

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ſ	Three Rivers Trucking	Project Name:	HWY 173 Spill	
	PO Box 2728	Project Number:	04036-0007	Reported:
	Farmington NM, 87499	Project Manager:	Felipe Aragon	01/29/19 16:37

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
					1					
Batch 1905005 - Purge and Trap EPA 5030.	A									
Blank (1905005-BLK1)				Prepared &	Analyzed:	01/28/19 1				
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.39		"	8.00		105	50-150			
LCS (1905005-BS2)				Prepared &	Analyzed:	01/28/19 1				
Gasoline Range Organics (C6-C10)	48.7	20.0	mg/kg	50.0		97.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.56		11	8.00		107	50-150			
Matrix Spike (1905005-MS2)	Sour	rce: P901038-	01	Prepared &	Analyzed:	01/28/19 1				
iasoline Range Organics (C6-C10)	164	20.0	mg/kg	50.0	127	73.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.19		"	8.00		115	50-150			
Matrix Spike Dup (1905005-MSD2)	Sour	rce: P901038-	01	Prepared &	Analyzed:	01/28/19 1				
Gasoline Range Organics (C6-C10)	154	20.0	mg/kg	50.0	127	52.7	70-130	6.46	20	SPK
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.00		"	8.00		113	50-150			

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Three Rivers Trucking	Project Name:	HWY 173 Spill	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	01/29/19 16:37

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Blank (1905002-BLK1) Prepared: 01/28/19 0 Analyzed: 01/28/19 1 CS (1905002-BS1) Prepared: 01/28/19 0 Analyzed: 01/28/19 1 CS (1905002-BS1) Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Chloride 242 20.0 mg/kg 250 96.8 90-110 Attrix Spike (1905002-MS1) Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Source: 01/28/19 0 Analyzed: 01/28/19 1 Chloride 732 20.0 mg/kg 250 570 65.0 80-120 S Matrix Spike Dup (1905002-MSD1) Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 S											
Barch 1905002 - Anion Extraction EPA 300.0/9056A Blank (1905002-BLK1) Prepared: 01/28/19 0 Analyzed: 01/28/19 1 CS (1905002-BS1) ND 20 0 mg/kg CS (1905002-BS1) Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Chloride 242 20.0 mg/kg 250 96.8 90-110 Antrix Spike (1905002-MS1) Source: P9/1038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Chloride 732 20.0 mg/kg 250 570 65.0 80-120 S Matrix Spike Dup (1905002-MSD1) Source: P9/1038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 S					Spike	Source					
Blank (1905002-BLK1) Prepared: 01/28/19 0 Analyzed: 01/28/19 1 ND 20.0 mg/kg CS (1905002-BS1) Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Chloride 242 20.0 mg/kg 250 96.8 90-110 Antrix Spike (1905002-MS1) Source: P9/1038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Chloride 732 20.0 mg/kg 250 570 65.0 80-120 S Matrix Spike Dup (1905002-MSD1) Source: P9/1038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 S	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
ND 20.0 mg/kg CS (1905002-BS1) Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Thoride 242 20.0 mg/kg 250 96.8 90-110 Matrix Spike (1905002-MS1) Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 ND Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Matrix Spike Dup (1905002-MSD1) Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1	Batch 1905002 - Anion Extraction EPA 30	00.0/9056A									
CS (1905002-BS1) Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Choride 242 20.0 mg/kg 250 96.8 90-110 Matrix Spike (1905002-MS1) Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Output Output Output Output Output Output Output Matrix Spike (1905002-MS1) Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Output Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1	Blank (1905002-BLK1)				Prepared: ()1/28/19 0 A	Analyzed: 0	1/28/19 1			
Chloride 242 20.0 mg/kg 250 96.8 90-110 Matrix Spike (1905002-MS1) Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Chloride 732 20.0 mg/kg 250 570 65.0 80-120 S Matrix Spike Dup (1905002-MSD1) Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 Source: 01/28/19 0 Analyzed: 01/28/19 1	Chloride	ND	20.0	mg/kg							
Matrix Spike (1905002-MS1) Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 'hloride 732 20.0 mg/kg 250 570 65.0 80-120 S Matrix Spike Dup (1905002-MSD1) Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1 S	LCS (1905002-BS1)				Prepared: ()1/28/19 0 A	Analyzed: 0	1/28/19 1			
Information 732 20.0 mg/kg 250 570 65.0 80-120 S Matrix Spike Dup (1905002-MSD1) Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1	Chloride	242	20.0	mg/kg	250		96.8	90-110			
Matrix Spike Dup (1905002-MSD1) Source: P901038-01 Prepared: 01/28/19 0 Analyzed: 01/28/19 1	Matrix Spike (1905002-MS1)	Sour	ce: P901038-	01	Prepared: ()1/28/19 0 A	Analyzed: 0	1/28/19 1			
	Chloride	732	20.0	mg/kg	250	570	65.0	80-120			SPK
'hloride 775 20.0 mg/kg 250 570 82.4 80-120 5.77 20	Matrix Spike Dup (1905002-MSD1)	Sour	ce: P901038-	01	Prepared: ()1/28/19 0 A	Analyzed: 0	1/28/19 1			
	Chloride	775	20.0	mg/kg	250	570	82.4	80-120	5.77	20	

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Three Rivers Trucking	Project Name	HWY 173 Spill	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	01/29/19 16:37

Notes and Definitions

SPK1	The spike recovery is outside of quality control limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference

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

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5706 US Highway	CA Es	rminaton	116.4	07401	
5796 US Highway	64, Fa	rmington.	MM	8/401	

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Page 8 of 9

Client:	three lu	un m	ucking		122	Report Attentio	n	Silte	0.201	Lab	Use O	nly		T	AT	E	PA Prog	ram
	WU 173)		Ret	Report due by:		Lat	wo	#	Job	Nun	nber	1D	3D	RCRA	CWA	SDV
Project	Manager:	F.Arag	gon		127	Email:					04	1030	e-000	FX				1
Address	:					Address:			121		Analy	sis al	nd Met	hod			St	tate
City, Sta	te, Zip				C.S.	City, State, Zip		660				1					NM CC	UT
Phone:					64	Phone:		0/0	-								~	
Email: G	crabtree A	dmin Bh	all Farag	on	No.			(cheal									X	
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID			Lab Number	100/	803	Ċ							Rei	marks
770	ildula	S	2	Produce	d	Water PILL		X	×	K							2-40	10
						Addition												
					10/1 10						1			-				
											+							
														+				
								-	+									
									+		+			-				
Addition	al Instruct	ions:	I	<u> </u>				I									1	
I. (field sampl	er), attest to the	validity and a	\sqrt{iS}	f this sample 7 am			the sample location	late or	time of	collection	is Sample	s requiri	ng thermal p	preservation	n must be	e received on	ice the day they	are sam
	aud and may be g	the second s	Date	/ Tim		hat tampering with or intentionally mislabelling	// Date		Time		receive	d packed	d in ice at an			e Only	°C on subseque	nt days.
But	ta t	lau	Date	13/19 8	336	Jessin (1. Mille	1128/1	9	8	:36	Rec	eiveo	d on ice		D/			
nemiquisti	ed bý: (Signat	uie)	Date	111		Received by: (Signature)	Date		Time			Tor	np °C	-13-			<u></u>	
Sample Mat	rix: S - Soil Sd	- Solid Se -	Sludge A -	Aqueous, O - Ot	her		Containe	r Tv	1	glass	and the second s	and the second second second	Contract of the second second second	ambe	- glass	- V-VO	Δ	
Note: Samp	es are discard	ed 30 days a	after results	are reported un	less ot	her arrangements are made. Hazardous sitt this COC. The liability of the laboraot	amples will be retu	rned	to clier	nt or disp	osed of a	t the c						ne abov
2			-	ech									and the second second					
	env					5796 US Highway 64, Farming					Ph (505) 612						Real and the second	ensirot



Analytical Report

Report Summary

Client: Three Rivers Trucking Chain Of Custody Number: Samples Received: 1/31/2019 4:20:00PM Job Number: 04036-0007 Work Order: P901045 Project Name/Location: HWY 173 Spill

Report Reviewed By:

Walter Hinker

Date:

2/4/19

Walter Hinchman, Laboratory Director

Tim Cain, Project Manager

2/4/19 Date:



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. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. Envirotech, Inc, currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

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Three Rivers Trucking	Project Name:	HWY 173 Spill	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	02/04/19 16:49

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Section 1	P901045-01A	Soil	01/31/19	01/31/19	Glass Jar, 4 oz.
Section 2	P901045-02A	Soil	01/31/19	01/31/19	Glass Jar, 4 oz.
Section 3	P901045-03A	Soil	01/31/19	01/31/19	Glass Jar, 4 oz.
Section 4	P901045-04A	Soil	01/31/19	01/31/19	Glass Jar, 4 oz.
Section 5	P901045-05A	Soil	01/31/19	01/31/19	Glass Jar, 4 oz.
Section 6	P901045-06A	Soil	01/31/19	01/31/19	Glass Jar, 4 oz.

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Three Rivers Trucking	Project	Name	HWY	Y 173 Spill					
PO Box 2728	Project	Number	0403	6-0007				Reported:	
Farmington NM, 87499	Project	Manager:	Felip	e Aragon				02/04/19 16:4	49
	1	S	ection 1						
			45-01 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	25.0	ug/kg	1	1905021	01/31/19	01/31/19	EPA 8260B	
Toluene	ND	25.0	ug/kg	1	1905021	01/31/19	01/31/19	EPA 8260B	
Ethylbenzene	ND	25.0	ug/kg	1	1905021	01/31/19	01/31/19	EPA 8260B	
p,m-Xylene	ND	50.0	ug/kg	1	1905021	01/31/19	01/31/19	EPA 8260B	
o-Xylene	ND	25.0	ug/kg	1	1905021	01/31/19	01/31/19	EPA 8260B	
Total Xylenes	ND	25.0	ug/kg	1	1905021	01/31/19	01/31/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70	-130	1905021	01/31/19	01/31/19	EPA 8260B	
Surrogate: Toluene-d8		98.4 %	70	-130	1905021	01/31/19	01/31/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.3 %	70	-130	1905021	01/31/19	01/31/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1905021	01/31/19	01/31/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1905025	01/31/19	02/01/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1905025	01/31/19	02/01/19	EPA 8015D	
Surrogate: n-Nonane		102 %	50	-200	1905025	01 31 19	02/01/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70	-130	1905021	01/31/19	01/31/19	EPA 8015D	
Surrogate: Toluene-d8		98.4 %	70	-130	1905021	01/31/19	01/31/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.3 %	70	-130	1905021	01/31/19	01/31/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	57.7	20.0	mg/kg	1	1905024	01/31/19	02/01/19	EPA 300.0/9056A	

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Three Rivers Trucking PO Box 2728	5	t Name: t Number:		Y 173 Spill 6-0007				Reported:	
Farmington NM, 87499	Project	t Manager:	Felip	e Aragon				02/04/19 16:4	49
			ection 2 45-02 (So	JEd)					
		Reporting	45-02 (50	jiiu)					
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	25.0	ug/kg	1	1905021	01/31/19	01/31/19	EPA 8260B	
Toluene	ND	25.0	ug/kg	1	1905021	01/31/19	01/31/19	EPA 8260B	
Ethylbenzene	ND	25.0	ug/kg	1	1905021	01/31/19	01/31/19	EPA 8260B	
p,m-Xylene	ND	50.0	ug/kg	1	1905021	01/31/19	01/31/19	EPA 8260B	
o-Xylene	ND	25.0	ug/kg	1	1905021	01/31/19	01/31/19	EPA 8260B	
Total Xylenes	ND	25.0	ug/kg	1	1905021	01/31/19	01/31/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70	-130	1905021	01/31/19	01/31/19	EPA 8260B	
Surrogate: Toluene-d8		98.5 %	70	-130	1905021	01/31/19	01/31/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.1 %	70	-130	1905021	01/31/19	01/31/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1905021	01/31/19	01/31/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1905025	01/31/19	02/01/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1905025	01/31/19	02/01/19	EPA 8015D	
Surrogate: n-Nonane		99.4 %	50	-200	1905025	01/31/19	02/01/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70	-130	1905021	01/31/19	01/31/19	EPA 8015D	
Surrogate: Toluene-d8		98.5 %	70	-130	1905021	01/31/19	01/31/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.1 %	70	-130	1905021	01/31/19	01/31/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	29.2	20.0	mg/kg	1	1905024	01/31/19	02/01/19	EPA 300.0/9056A	

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Three Rivers Trucking	Project	t Name:	HWY	Y 173 Spill					
PO Box 2728	Project	t Number:	0403	6-0007				Reported:	
Farmington NM, 87499	Project	t Manager:	Felip	e Aragon				02/04/19 16:	49
		S	ection 3						
[45-03 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
Toluene	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
Ethylbenzene	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
p,m-Xylene	ND	50.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
o-Xylene	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
Total Xylenes	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70	-130	1905021	01/31/19	02/01/19	EPA 8260B	
Surrogate: Toluene-d8		98.0 %	70	-130	1905021	01/31/19	02/01/19	EPA 8260B	
Surrogate: Bromofluorobenzene		95.4 %	70	-130	1905021	01/31/19	02/01/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1905021	01/31/19	02/01/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1905025	01/31/19	02/01/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1905025	01/31/19	02/01/19	EPA 8015D	
Surrogate: n-Nonane		102 %	50	-200	1905025	01/31/19	02/01/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70	-130	1905021	01/31/19	02/01/19	EPA 8015D	
Surrogate: Toluene-d8		98.0 %	70	-130	1905021	01/31/19	02/01/19	EPA 8015D	
Surrogate: Bromofluorobenzene		95.4 %	70	-130	1905021	01/31/19	02/01/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	187	20.0	mg/kg	1	1905024	01/31/19	02/01/19	EPA 300.0/9056A	

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Three Rivers Trucking	Project	Name:	HWY 173 Spil	1				
PO Box 2728	Project	Number	04036-0007				Reported:	
Farmington NM, 87499	Project	Manager:	Felipe Aragon				02/04/19 16:	49
			ection 4					
		P9010 Reporting	45-04 (Solid)					
Analyte	Result	Limit	Units Dilution	n Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260								
Benzene	ND	25.0	ug/kg l	1905021	01/31/19	02/01/19	EPA 8260B	
Toluene	ND	25.0	ug/kg l	1905021	01/31/19	02/01/19	EPA 8260B	
Ethylbenzene	ND	25.0	ug/kg l	1905021	01/31/19	02/01/19	EPA 8260B	
p,m-Xylene	ND	50.0	ug/kg l	1905021	01/31/19	02/01/19	EPA 8260B	
o-Xylene	ND	25.0	ug/kg l	1905021	01/31/19	02/01/19	EPA 8260B	
Total Xylenes	ND	25.0	ug/kg l	1905021	01/31/19	02/01/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	1905021	01/31/19	02/01/19	EPA 8260B	÷.
Surrogate: Toluene-d8		99.9 %	70-130	1905021	01/31/19	02/01/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.8 %	70-130	1905021	01/31/19	02/01/19	EPA 8260B	
Nonhalogenated Organics by 8015								
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg l	1905021	01/31/19	02/01/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg l	1905025	01/31/19	02/01/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg l	1905025	01/31/19	02/01/19	EPA 8015D	
Surrogate: n-Nonane		97.9 %	50-200	1905025	01/31/19	02/01/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	1905021	01/31/19	02/01/19	EPA 8015D	
Surrogate: Toluene-d8		99.9 %	70-130	1905021	01/31/19	02/01/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.8 %	70-130	1905021	01/31/19	02/01/19	EPA 8015D	
Anions by 300.0/9056A								
Chloride	126	20.0	mg/kg l	1905024	01/31/19	02/01/19	EPA 300.0/9056A	

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Three Rivers Trucking	Project	t Name:	HWY	Y 173 Spill					
PO Box 2728	Project	t Number:	0403	6-0007				Reported:	
Farmington NM, 87499	Project	t Manager:	Felip	e Aragon				02/04/19 16:	49
			ection 5 45-05 (Sc	olid)					
		Reporting	10 00 (00	,)					
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
Toluene	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
Ethylbenzene	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
p,m-Xylene	ND	50.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
o-Xylene	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
Total Xylenes	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70	-130	1905021	01/31/19	02/01/19	EPA 8260B	
Surrogate: Toluene-d8		100 %	70	-130	1905021	01/31/19	02/01/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.0 %	70	-130	1905021	01/31/19	02/01/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1905021	01/31/19	02/01/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1905025	01/31/19	02/01/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1905025	01/31/19	02/01/19	EPA 8015D	
Surrogate: n-Nonane		98.9 %	50	-200	1905025	01/31/19	02/01/19	EPA 8015D	
Surrogale: 1,2-Dichloroethane-d4		98.8 %	70	-130	1905021	01/31/19	02/01/19	EPA 8015D	
Surrogate: Toluene-d8		100 %	70	-130	1905021	01/31/19	02/01/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.0 %	70	-130	1905021	01/31/19	02/01/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	125	20.0	mg/kg	1	1905024	01/31/19	02/01/19	EPA 300.0/9056A	,

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Three Rivers Trucking	Project	Name:	HWY	r 173 Spill					
PO Box 2728	Project	Number	0403	6-0007				Reported:	
Farmington NM, 87499	Project	Manager:	Felip	e Aragon				02/04/19 16:4	49
			ection 6						
			45-06 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
Toluene	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
Ethylbenzene	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
p,m-Xylene	ND	50.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
o-Xylene	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
Total Xylenes	ND	25.0	ug/kg	1	1905021	01/31/19	02/01/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		102 %	70	-130	1905021	01/31/19	02/01/19	EPA 8260B	
Surrogate: Toluene-d8		99.5 %	70	-130	1905021	01/31/19	02/01/19	EPA 8260B	
Surrogate: Bromofluorobenzene		95.4 %	70	-130	1905021	01 31 19	02 01 19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	I	1905021	01/31/19	02/01/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1905025	01/31/19	02/01/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1905025	01/31/19	02/01/19	EPA 8015D	
Surrogate: n-Nonane		109 %	50	-200	1905025	01/31/19	02/01/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		102 %	70	-130	1905021	01/31/19	02/01/19	EPA 8015D	
Surrogate: Toluene-d8		99.5 %	70	-130	1905021	01/31/19	02/01/19	EPA 8015D	
Surrogate: Bromofluorobenzene		95.4 %	70	-130	1905021	01/31/19	02/01/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	230	20.0	mg/kg	Ĩ	1905024	01/31/19	02/01/19	EPA 300.0/9056A	

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Three Rivers Trucking	Project Name:	HWY 173 Spill	
PO Box 2728	Project Number	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	02/04/19 16:49

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1905021 - Purge and Trap EPA 5030A										
Blank (1905021-BLK1)				Prepared &	Analyzed:	01/31/191				
Benzene	ND	25.0	ug/kg							
Toluene	ND	25.0								
Ethylbenzene	ND	25.0	н							
p,m-Xylene	ND	50.0								
o-Xylene	ND	25.0								
Total Xylenes	ND	25.0								
Surrogate: 1.2-Dichloroethane-d4	487		"	500		97.3	70-130			
Surrogate: Toluene-d8	490		11	500		98.0	70-130			
Surrogate: Bromofluorobenzene	469		"	500		93.7	70-130			
LCS (1905021-BS1)				Prepared ()1/31/19 1 A	Analyzed: 0	1/31/19 2			
Benzene	2530	25.0	ug/kg	2500		101	70-130			
Toluene	2440	25.0	"	2500		97.5	70-130			
Ethylbenzene	2440	25.0		2500		97.7	70-130			
p,m-Xylene	4820	50.0		5000		96.4	70-130			
o-Xylene	2400	25.0	ч.	2500		95.9	70-130			
Total Xylenes	7220	25.0	н	7500		96.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	510		"	500		102	70-130			
Surrogate: Toluene-d8	505			500		102	70-130			
Surrogate: Bromofluorobenzene	485		"	500		96.9	70-130			
narrogale. Diollojilojosenzenk	102			5.00		20.2	10 150			
Matrix Spike (1905021-MS1)	Sou	rce: P901044-	01	Prepared: 01/31/19 1 Analyzed: 01/31/19 2						
Benzene	56700	500	ug/kg	50000	ND	113	48-131			
Toluene	54900	500		50000	780	108	48-130			
Ethylbenzene	53800	500		50000	ND	108	45-135			
p,m-Xylene	107000	1000		100000	ND	107	43-135			
o-Xylene	53100	500		50000	ND	106	43-135			
Total Xylenes	160000	500	н	150000	ND	107	43-135			
Surrogate: 1,2-Dichloroethane-d4	9940		"	10000		99.4	70-130			
Surrogate: Toluene-d8	9980		"	10000		99.8	70-130			
Surrogate: Bromofluorobenzene	9780		"	10000		97.8	70-130			
Matrix Spike Dup (1905021-MSD1)	Sou	rce: P901044-	01	Prepared: (01/31/1917	Analyzed: 0	1/31/19 2			
Benzene	57600	500	ug/kg	50000	ND	115	48-131	1.52	23	
Toluene	57000	500		50000	780	113	48-130	3.84	24	
Ethylbenzene	56200	500	20	50000	ND	112	45-135	4.36	27	
p,m-Xylene	112000	1000		100000	ND	112	43-135	4.54	27	
o-Xylene	55200	500	.0	50000	ND	110	43-135	3.95	27	
Total Xylenes	167000	500		150000	ND	111	43-135	4.35	27	
Surrogate: 1,2-Dichloroethane-d4	9700		"	10000		97.0	70-130			
Surrogate: Toluene-d8	10100		"	10000		101	70-130			

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Three Rivers Trucking	Project Name:	HWY 173 Spill	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	02/04/19 16:49

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1905021 - Purge and Trap EPA 5030A										
Matrix Spike Dup (1905021-MSD1)	Sou	rce: P901044-	01	Prepared: ()1/31/1917	Analyzed: 0	1/31/19 2			

 Matrix Spike Dup (1905021-MSD1)
 Source: P901044-01
 Prepared: 01/31/19 1 Analyzed: 01/31/19 2

 Surrogate: Bromofluorobenzene
 9610
 ug/kg
 10000
 96.1
 70-130

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Three Rivers Trucking	Project Name	HWY 173 Spill	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	02/04/19 16:49

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

					2					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1905021 - Purge and Trap EPA 5030A										
Blank (1905021-BLK1)				Prepared &	Analyzed:	01/31/191				
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.487		"	0.500		97.3	70-130			
Surrogate: Toluene-d8	0.490		"	0.500		98.0	70-130			
Surrogate: Bromofluorobenzene	0.469		"	0.500		93.7	70-130			
LCS (1905021-BS2)				Prepared: ()1/31/1917	Analyzed: 0	1/31/19 2			
Gasoline Range Organics (C6-C10)	51.9	20.0	mg/kg	50.0		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		"	0.500		99.3	70-130			
Surrogate: Toluene-d8	0.497		"	0.500		99.3	70-130			
Surrogate: Bromofluorobenzene	0.480		п	0.500		96.0	70-130			
Matrix Spike (1905021-MS2)	Sou	ırce: P901044-	01	Prepared: ()1/31/1912	Analyzed: 0	1/31/19 2			
Gasoline Range Organics (C6-C10)	1200	400	mg/kg	1000	ND	120	70-130			
Surrogate: 1,2-Dichloroethane-d4	9.87		"	10.0		98.7	70-130			
Surrogate: Toluene-d8	10.0			10.0		100	70-130			
Surrogate: Bromofluorobenzene	9.42		"	10.0		94.2	70-130			
Matrix Spike Dup (1905021-MSD2)	Source: P901044-01		Prepared: ()1/31/19 12	Analyzed: 0)1/31/19 2				
Gasoline Range Organics (C6-C10)	1150	400	mg/kg	1000	ND	115	70-130	3.88	20	
Surrogate: 1,2-Dichloroethane-d4	9.66		"	10.0		96.6	70-130			
Surrogate: Toluene-d8	10.1			10.0		101	70-130			
Surrogate: Bromofluorobenzene	9.56		11	10.0		95.6	70-130			

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Three Rivers Trucking	Project Name:	HWY 173 Spill	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	02/04/19 16:49

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD				
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes			
Batch 1905025 - DRO Extraction EPA 3570													
Blank (1905025-BLK1)				Prepared: 01/31/19 1 Analyzed: 02/01/19 1									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg										
Oil Range Organics (C28-C40)	ND	50.0	17										
Surrogate: n-Nonane	53.3		"	50.0		107	50-200						
LCS (1905025-BS1)				Prepared: (01/31/19 1 A	Analyzed: 0	2/01/19 1						
Diesel Range Organics (C10-C28)	457	25.0	mg/kg	500		91.4	38-132						
Surrogate: n-Nonane	51.7		"	50.0		103	50-200						
Matrix Spike (1905025-MS1)	Sou	rce: P901045-	01	Prepared: (01/31/1914	Analyzed: 0	2/01/19 1						
Diesel Range Organics (C10-C28)	496	25.0	mg/kg	500	ND	99.3	38-132						
Surrogate: n-Nonane	53.7		"	50.0		107	50-200						
Matrix Spike Dup (1905025-MSD1)	Source: P901045-01				01/31/1917	Analyzed: 0	2/01/19 1						
Diesel Range Organics (C10-C28)	486	25.0	mg/kg	500	ND	97.2	38-132	2.10	20				
Surrogate: n-Nonane	50.4			50.0		101	50-200						

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Γ	Three Rivers Trucking	Project Name:	HWY 173 Spill	
	PO Box 2728	Project Number:	04036-0007	Reported:
	Farmington NM, 87499	Project Manager:	Felipe Aragon	02/04/19 16:49

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Kesun	Linnt	Onits	Level	Result	/olthe	Linits	ICI D	Linit	Hotes
Batch 1905024 - Anion Extraction EPA	300.0/9056A									
Blank (1905024-BLK1)				Prepared: ()1/31/19 1 A	2/01/19 1				
Chloride	ND	20.0	mg/kg							
LCS (1905024-BS1)				Prepared: ()1/31/19 1 A	Analyzed: 0	2/01/19 1			
Chloride	255	20.0	mg/kg	250		102	90-110			
Matrix Spike (1905024-MS1)	Sour	ce: P901045-	01	Prepared: ()1/31/19 1 A	Analyzed: 0	2/01/19 1			
Chloride	334	20.0	mg/kg	250	57.7	110	80-120			
Matrix Spike Dup (1905024-MSD1)	Sour	ce: P901045-	01	Prepared: ()1/31/19 1 A	Analyzed: 0	2/01/19 1			
Chloride	326	20.0	mg/kg	250	57.7	107	80-120	2.47	20	

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Three Rivers Trucking	Project Name:	HWY 173 Spill	
PO Box 2728	Project Number	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	02/04/19 16:49

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference

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

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Project	Informatio	n				Chain c	of Custody										Pa	age	of
Client: 1	hree River	rs Truckir	Ig		1	Report Attenti	on			La	abl	Ise Only	1	312.1	TAT		EF	PA Progra	am
Project: Hv	vy 173 Spill				1.	Report due by:			WO			Job N			1D 3	D	RCRA	CWA	SDWA
Project	Manager:	F.Arag	zon			Email:		PC	101	OL	15	04036-0007			XII				
Address	:					Address:						Analysi	Neth	od			State		
City, Sta	ite, Zip				1.1	City, State, Zip												NM CO	UT AZ
Phone:						Phone:		DRO											
Email: G	icrabtree A	Admin Bh	all Farag	on				R0/0		es								×	
Time Sampled	Date Sampled	Matrix	No Containers	Sample II	D		Lab Number	DRO/GRO/ORO	8021	Chlorides								Ren	narks
14:02	1/31/2019	S	1			Section 1		x	x	x								1-4oz	jar cool
14:10	1/31/2019	S	1			Section 2	2	x	x	х								1-4oz	jar cool
14:19	1/31/2019	S	1			Section 3	3	x	x	x								1-4oz	jar cool
14:25	1/31/2019	S	1			Section 4	4	x	х	x								1-4oz	jar cool
14:36	1/31/2019	S	1			Section 5	5	x	x	х								1-4oz	jar cool
14:45	1/31/2019	S	1			Section 6	6	2	ŕχ	X									
Addition	nal Instruc	tions:				Vilg	ice in	C	00	, le	r								
	ler), attest to the raud and may be				2m aware tha DULL	it tampering with or intentionally mislabellin		late or	time of	collec	tion is							te the day they a C on subsequent	
Belinquish	ed by: (Signa	laure)	Date	1/19	Time 1445	Received by: (Signature)	Date	19	Time	14	D	Recei	ved o	n ice:	and the second second	Use 7 N	Only N		
Relinquished by: (Signature) Date Time			Time 1420 TC 1) Received by: (Signature)	Date		Time			T1 AVG	Temp	°c_l	T2			<u>T3</u>			
	trix: S - Soil, S d						Containe			-						_		and the second se	
						er arrangements are made. Hazardous h this COC. The liability of the laborat							he client	exper	ise. The r	eport	for the ar	nalysis of th	e above
5	en	lir	nte	ch		A						(PAP) 233	st 1.10	C1 (23 **	<i>rt</i>				
						5796 US Highway 64, Farmin	and the set of the lot of the set					(505) 632-06					r	Deer	chaistech inc
	A	nalytic		oraiony		Three Springs + 65 Mercado	ערקע אשור דוא ש	81301			r i	(970) 259-06	12 11/00	1 201.10	.,		l	i aye	15 of 15



Analytical Report

Report Summary

Client: Three Rivers Trucking Chain Of Custody Number: Samples Received: 2/1/2019 4:52:00PM Job Number: 04036-0007 Work Order: P902003 Project Name/Location: HWY 173 Spill Cleanup

Walter Hinken

Date:

Date:

2/5/19

2/5/19

Walter Hinchman, Laboratory Director

Tim Cain, Project Manager

Report Reviewed By:

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. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. Envirotech, Inc, currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

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Three Rivers Trucking	Project Name:	HWY 173 Spill Cleanup	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	02/05/19 15:09

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Section 7	P902003-01A	Soil	02/01/19	02/01/19	Glass Jar, 4 oz.
	P902003-01B	Soil	02/01/19	02/01/19	Glass Jar, 4 oz.
Section 8	P902003-02A	Soil	02/01/19	02/01/19	Glass Jar, 4 oz.
	P902003-02B	Soil	02/01/19	02/01/19	Glass Jar, 4 oz.
Section 9	P902003-03A	Soil	02/01/19	02/01/19	Glass Jar, 4 oz.
	P902003-03B	Soil	02/01/19	02/01/19	Glass Jar, 4 oz.
Section 10	P902003-04A	Soil	02/01/19	02/01/19	Glass Jar, 4 oz.
	P902003-04B	Soil	02/01/19	02/01/19	Glass Jar, 4 oz.
Beneath Spoils Pile	P902003-05A	Soil	02/01/19	02/01/19	Glass Jar, 4 oz.
	P902003-05B	Soil	02/01/19	02/01/19	Glass Jar, 4 oz.

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Three Rivers Trucking	Project	Name	HWY	Y 173 Spill C	Cleanup				
PO Box 2728	Project	Number:	0403	6-0007				Reported:	
Farmington NM, 87499	Project Manager:		Felip	e Aragon	02/05/19 15:	09			
		S	ection 7						
		the second s	003-01 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Total Xylenes	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Benzene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Toluene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Ethylbenzene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
p,m-Xylene	ND	50.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
o-Xylene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %	50	-150	1906002	02/04/19	02/05/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1906002	02/04/19	02/05/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1906004	02/04/19	02/04/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1906004	02/04/19	02/04/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-F1D		93.9%	50	-150	1906002	02/04/19	02/05/19	EPA 8015D	
Surrogate: n-Nonane		86.0 %	50	-200	1906004	02/04/19	02/04/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	77.5	20.0	mg/kg	1	1906007	02/04/19	02/04/19	EPA 300.0/9056A	

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Three Rivers Trucking	Project	Name:	HWY	Y 173 Spill C	leanup				
PO Box 2728	Project	Number:	0403	6-0007		Reported:			
Farmington NM, 87499	Project Manager:		Felip	e Aragon	02/05/19 15:	09			
		S	ection 8						
		P9020	03-02 (Sc	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Total Xylenes	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Benzene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Toluene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Ethylbenzene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
p,m-Xylene	ND	50.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
o-Xylene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %	50	-150	1906002	02/04/19	02/05/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1906002	02/04/19	02/05/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	I	1906004	02/04/19	02/04/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1906004	02/04/19	02/04/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	50	-150	1906002	02/04/19	02/05/19	EPA 8015D	
Surrogate: n-Nonane		90.9 %	50	-200	1906004	02/04/19	02/04/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	64.3	20.0	mg/kg	1	1906007	02/04/19	02/04/19	EPA 300.0/9056A	

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Three Rivers Trucking	Project	Name	HWY	Y 173 Spill C	Cleanup				
PO Box 2728	Project	Number:	0403	6-0007		Reported:			
Farmington NM, 87499	Project	Felip	e Aragon	02/05/19 15:	09				
		S	ection 9						
			03-03 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Total Xylenes	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Benzene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Toluene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Ethylbenzene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
p,m-Xylene	ND	50.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
o-Xylene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		101 %	50	-150	1906002	02/04/19	02/05/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1906002	02/04/19	02/05/19	EPA 8015D	
Diesel Range Organics (C10-C28)	37.8	25.0	mg/kg	1	1906004	02/04/19	02/04/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1906004	02/04/19	02/04/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	50	-150	1906002	02/04/19	02/05/19	EPA 8015D	
Surrogate: n-Nonane		91.3 %	50	-200	1906004	02/04/19	02/04/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	169	20.0	mg/kg	1	1906007	02/04/19	02/04/19	EPA 300.0/9056A	

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Three Rivers Trucking	Project	Name:	HWY	r 173 Spill C	leanup				
PO Box 2728	Project	Number	0403	6-0007				Reported:	
Farmington NM, 87499	Project Manager:		Felipe Aragon					02/05/19 15:09	
		Se	ection 10						
			03-04 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Total Xylenes	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Benzene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Toluene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Ethylbenzene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
p,m-Xylene	ND	50.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
o-Xylene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %	50	-150	1906002	02/04/19	02/05/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1906002	02/04/19	02/05/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1906004	02/04/19	02/04/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1906004	02/04/19	02/04/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	50	-150	1906002	02/04/19	02/05/19	EPA 8015D	
Surrogate: n-Nonane		90.2 %	50	-200	1906004	02 04 19	02/04/19	EPA 8015D	
Anions by 300.0/9056A								_	
Chloride	35.3	20.0	mg/kg	1	1906007	02/04/19	02/04/19	EPA 300.0/9056A	

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Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301



Three Rivers Trucking	Project	Name:	HWY	173 Spill C	leanup				
PO Box 2728	Project	Number:	0403	6-0007				Reported:	
Farmington NM, 87499	Project	Felipe Aragon					02/05/19 15:	09	
		Beneat	th Spoils	Pile					
			03-05 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Total Xylenes	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Benzene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Toluene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Ethylbenzene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
p,m-Xylene	ND	50.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
o-Xylene	ND	25.0	ug/kg	1	1906002	02/04/19	02/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %	50	-150	1906002	02/04/19	02/05/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1906002	02/04/19	02/05/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1906004	02/04/19	02/04/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1906004	02/04/19	02/04/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-F1D		94.2 %	50	-150	1906002	02/04/19	02/05/19	EPA 8015D	
Surrogate: n-Nonane		92.5 %	50	-200	1906004	02/04/19	02/04/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1906007	02/04/19	02/05/19	EPA 300.0/9056A	

5796 US Highway 64, Farmington, NM 87401



Three Rivers Trucking	Project Name:	HWY 173 Spill Cleanup	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	02/05/19 15:09

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

	Devila	Reporting	1 Inclus	Spike	Source	N/DEC	%REC	DDD	RPD	Notes
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1906002 - Purge and Trap EPA 5030/	Δ									
Blank (190600 2-B LK1)				Prepared: (02/04/19 0 A	Analyzed: 0	2/04/19 1			
Total Xylenes	ND	25.0	ug/kg							
Benzene	ND	25.0								
Toluene	ND	25.0								
Ethylbenzene	ND	25.0								
o,m-Xylene	ND	50.0	н							
-Xylene	ND	25.0	п							
Surrogate: 4-Bromochlorobenzene-PID	8140		"	8000		102	50-150			
LCS (1906002-BS1)				Prepared: (02/04/19 0 4	Analyzed: (2/04/19 1			
Total Xylenes	16300	25.0	ug/kg	15000		109	70-130			
Benzene	4990	25.0		5000		99.8	70-130			
Toluene	5060	25.0	11	5000		101	70-130			
Ethylbenzene	5390	25.0		5000		108	70-130			
o,m-Xylene	11200	50.0		10000		112	70-130			
o-Xylene	5150	25.0	.0	5000		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8090		n	8000		101	50-150			
Matrix Spike (1906002-MS1)	Sou	ırce: P902001-	01	Prepared: 02/04/19 0 Analyzed: 02/04/19 2						
Fotal Xylenes	16100	25.0	ug/kg	15000	ND	107	63.3-131			
Benzene	4850	25.0		5000	ND	97.1	54.3-133			
Toluene	4990	25.0	и	5000	ND	99.8	61.4-130			
Ethylbenzene	5310	25.0	10	5000	ND	106	61.4-133			
p,m-Xylene	11000	50.0		10000	ND	110	63.3-131			
o-Xylene	5050	25.0	.0	5000	ND	101	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	8150		"	8000		102	50-150			
Matrix Spike Dup (1906002-MSD1)	Sou	arce: P902001-	01	Prepared:	02/04/19 0 /	Analyzed: ()2/04/19 2			
Fotal Xylenes	16600	25.0	ug/kg	15000	ND	110	63.3-131	3.00	20	
Benzene	5040	25.0		5000	ND	101	54.3-133	3.80	20	
Toluene	5120	25.0	10	5000	ND	102	61.4-130	2.54	20	
Ethylbenzene	5460	25.0	0	5000	ND	109	61.4-133	2.79	20	
p,m-Xylene	11300	50.0	10	10000	ND	113	63.3-131	2.84	20	
o-Xylene	5220	25.0	ü	5000	ND	104	63.3-131	3.34	20	
Surrogate: 4-Bromochlorobenzene-PID	8160		"	8000		102	50-150			

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com



Three Rivers Trucking	Project Name:	HWY 173 Spill Cleanup	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	02/05/19 15:09

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

			-		-					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1906002 - Purge and Trap EPA 5030A										
Blank (1906002-BLK1)				Prepared:	02/04/19 0 4	Analyzed: 0	2/04/19 1			
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		"	8.00		94.1	50-150			
LCS (1906002-BS2)				Prepared:	02/04/19 0 4	Analyzed: 0	2/04/19 1			
Gasoline Range Organics (C6-C10)	56.9	20.0	mg/kg	50.0		114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		"	8.00		97.2	50-150			
Matrix Spike (1906002-MS2)	Sou	rce: P902001-	01	Prepared:	02/04/19 0 2	Analyzed: 0	2/04/19 2			
Gasoline Range Organics (C6-C10)	63.7	20.0	mg/kg	50.0	ND	127	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		"	8.00		96.5	50-150			
Matrix Spike Dup (1906002-MSD2)	Sou	rce: P902001-	01	Prepared:	02/04/19 02	Analyzed: 0	2/04/19 2			
Gasoline Range Organics (C6-C10)	55.6	20.0	mg/kg	50.0	ND	111	70-130	13.6	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		"	8.00		96.5	50-150			

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Three Rivers Trucking	Project Name:	HWY 173 Spill Cleanup	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	02/05/19 15:09

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1906004 - DRO Extraction EPA 3570										
Blank (1906004-BLK1)				Prepared &	Analyzed:	02/04/19 1				
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0								
Surrogate: n-Nonane	53.0		n	50.0		106	50-200			
LCS (1906004-BS1)				Prepared &	Analyzed:	02/04/19 1				
Diesel Range Organics (C10-C28)	422	25.0	mg/kg	500		84.4	38-132			
Surrogate: n-Nonane	45.4		"	50.0		90.8	50-200			
Matrix Spike (1906004-MS1)	Sou	rce: P902001-	01	Prepared &	Analyzed:	02/04/19 1				
Diesel Range Organics (C10-C28)	444	25.0	mg/kg	500	ND	88.8	38-132			
Surrogate: n-Nonane	47.1		"	50.0		94.2	50-200			
Matrix Spike Dup (1906004-MSD1)	Sou	rce: P902001-	01	Prepared &	Analyzed:	02/04/19 1				
Diesel Range Organics (C10-C28)	444	25.0	mg/kg	500	ND	88.8	38-132	0.000357	20	
Surrogate: n-Nonane	45.0		"	50.0		90.0	50-200			

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Three Rivers Trucking	Project Name:	HWY 173 Spill Cleanup	
PO Box 2728	Project Number	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	02/05/19 15:09

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC	222	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1906007 - Anion Extraction EPA 3	300.0/9056A									
Blank (1906007-BLK1)				Prepared &	Analyzed:	02/04/19 1				
Chloride	ND	20.0	mg/kg							
LCS (1906007-BS1)				Prepared &	Analyzed:	02/04/19 1				
Chloride	254	20.0	mg/kg	250		102	90-110			
Matrix Spike (1906007-MS1)	Sour	ce: P902001-	01	Prepared &	Analyzed:	02/04/19 1				
Chloride	416	20.0	mg/kg	250	144	109	80-120			
Matrix Spike Dup (1906007-MSD1)	Sour	ce: P902001-	01	Prepared &	Analyzed:	02/04/19 1				
Chloride	402	20.0	mg/kg	250	144	103	80-120	3.32	20	

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Three Rivers Trucking	Project Name:	HWY 173 Spill Cleanup	
PO Box 2728	Project Number:	04036-0007	Reported:
Farmington NM, 87499	Project Manager:	Felipe Aragon	02/05/19 15:09

Notes and Definitions

DET	Analyte DETECTED

ND	Analyte NOT DETECTED at or above the reporting limit	

NR Not Reported

RPD Relative Percent Difference

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

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5796 US Highway (A Farmington	NM 87401
J/90 US HIUHWAY)4, Familington,	NIN 0/401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865 Ph (970) 259-0615 Fr (800) 362-1879

	Information	1				Chain of Cust	ody									ту ^с			Page		of
	ree Rivers Tru					Report Attention				ACCOUNTS OF A	ab U	se Or		PAVE N	ie -	TA			and the second se	A Progr	and the first discussion of the owner of the
	WY 173 Spill		2		0.145	Report due by:			WO					nber		1D		RCI	RA	CWA	SDW
	anager: Fel	ipe				1 T.I.		P	WZL	103		040	20-	000	7		X	Х			
Address:						Address:						Analy	sis a	nd Me	etho	d					ate
City, State	, Zip					City, State, Zip		λ	015											NM CO	UTA
hone:					100	Phone:		ORO	y 8(21	0	8 0	00.00								
mail:								RO/	ROL	y 80	826	CRA 601	es 3	8270						×	
Time Sampled	Date Sampled	Matrix	ND Containers	Sample ID			Lab Number	GRO/D R015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Total RCRA 8 Metals 6010	Chlorides 300.0	S-VOC				TDS		Ren	narks
14:11	2/1/2019	S	2			Section 7	1	x		х			х								
14:15	2/1/2019	5	2			Section 8	2	x		x			х								
14:18	2/1/2019	S	2			Section 9	3	x		x			х								
14:35	2/1/2019	S	2			Section 10	4	x		х			х								
15:15	2/1/2019	S	2		ł	Beneath Spoils Pile	5	x		x			х								
							18 June -														
							-														
dditiona	I Instructions	5:	1			vis Ice in	Cooler		1	1		. .		L							
), attest to the validit d and may be ground				hat tarr	pering with or intentionally mislabelling the sample	e location, date of	r time (ofcolle	ction is										the day they on subsequer	
elinguished	by: (Signature)		Date			Referived by: (Signeture)	- Date 1-1+10	1	Time	:5	2	Rec	eive	d on	ice:	La	b Us Y)/	e On N	lly		
elinquished	by: (Signature)		Date	Time		Received by: (Signature)	Date		Time			T1 AVG				12				<u>T3</u>	
mple Matri	k: S - Soil, Sd - Soli	d, Sg - Slud	ge, A - Aque	ous, O - Other			Containe														
te: Sample:	s are discarded 30	days after	results are r	eported unless ot		angements are made. Hazardous samples v he liability of the laboraotry is limited to the					ed of	at the	client	expens	se. Th	ne repo	ort for	the ar	alysis	of the abo	ve sample
	1		-	_																	
-	env	irc	ote	ch		5796 US Highway 64, Farmington, HM 8	7401				Ph (50	632 06	15 Jx4	(505) 637	1865					CI	viotech-inc

APPENDIX B

Notifications



NM811 LOCATE REQUEST

TICKET NUMBER:	19JA280291	Update of:				
Ticket Type:	Standard Locate	For Code:	AUTOEMAIL			
Creation Date:	01/28/19 10:10	Seq Num:	1			
	Excav	ator Information				
Company:	Envirotech	Main Contact Phone:	(505) 632-0615			
Address:	5796 Hwy 64	Secondary Phone:				
City, St, Zip:	Farmington, NM 87401	Main Contact Email:	enviroadmin@envirotech-inc.com			
Company Phone:	(505) 632-0615	Alternate Contact:	Brittany Hall			
Company Fax:		Alternate Contact Phone:	505-632-0615			
Main Contact:	Lisa Sisson	Alternate Contact Email:	bhall@envirotech-inc.com			
	Wo	rk Information				
State:	NM	Work To Begin:	01/30/19 AT 10:15			
County:	SAN JUAN	Expire Date:	02/13/19 AT 10:15			
Place:	RURAL SAN JUAN					
Address:	nm-173					
Intersection:	Old Spanish Trail					
Latitude:	36.822751	Longitude:	-107.970948			
Secondary Lat:	36.828224	Secondary Long:	-107.965475			
Work Type:	Soil Remediation	Working For:	Three Rivers Trucking			
Pre-marked:	No	Mechanical Boring:	No			
Contact Prior to Locating:	No	Contact After Locating:	No			

Driving Directions

From the intersection of U.S. Highway 550 and Highway 173 in Aztec, travel east/southeast on Highway 173 for approximately 1.03 miles to the intersection of Highway 173 and Old Spanish Trail. Spill is on the west side of intersection.

Spotting Instructions

Please spot 250' radius of the spill, as spill has traveled west down to arroyo.

Remarks

Trucking accident spill. Spill should be visable on ground. 36d49'31.78"N, -107d58'05.63" W

TRSQ: [W8T30NR11WS10NE] [W8T30NR11WS10SE] [W8T30NR11WS11NW] [W8T30NR11WS11SW]

Utilities Notified:

Code	Name	Manually Added
APC	BP AMERICA (NA), INC.	False
AZTC	CITY OF AZTEC	False
EP01	ENTERPRISE FIELD SERVICES - CHACO COMPLEX	False
HILN	HILCORP ENERGY COMPANY - FARMINGTON NORTH	False
HMSI	HARVEST MIDSTREAM	False
QLNA	CENTURYLINK LOCAL NETWORK NORTH	False
TCIF	COMCAST - FARMINGTON	False

APPENDIX C

Photograph Log



Initial Response - January 26, 2019



Picture 1: View of Release Area (View 1)



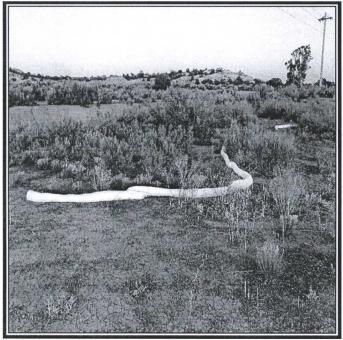
Picture 2: View of Release Area (View 2)



Picture 3: View of Release Area (View 3)



Picture 4: View of Release Area (View 4)

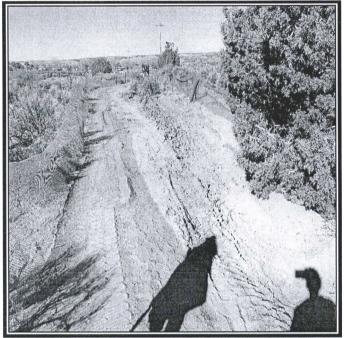


Picture 5: View of Release Area (View 5)



Picture 6: View of Release on Shoulder of Hwy 173

Cleanup Activities - January 30-February 1, 2019



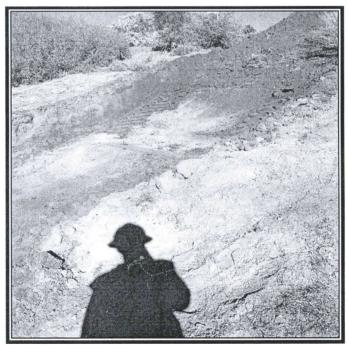
Picture 7: Excavation Activities (View 1)



Picture 8: Excavation Activities (View 2)



Picture 9: Excavation Activities (View 3)



Picture 9: Excavation Activities (View 4)

APPENDIX D

Field Notes



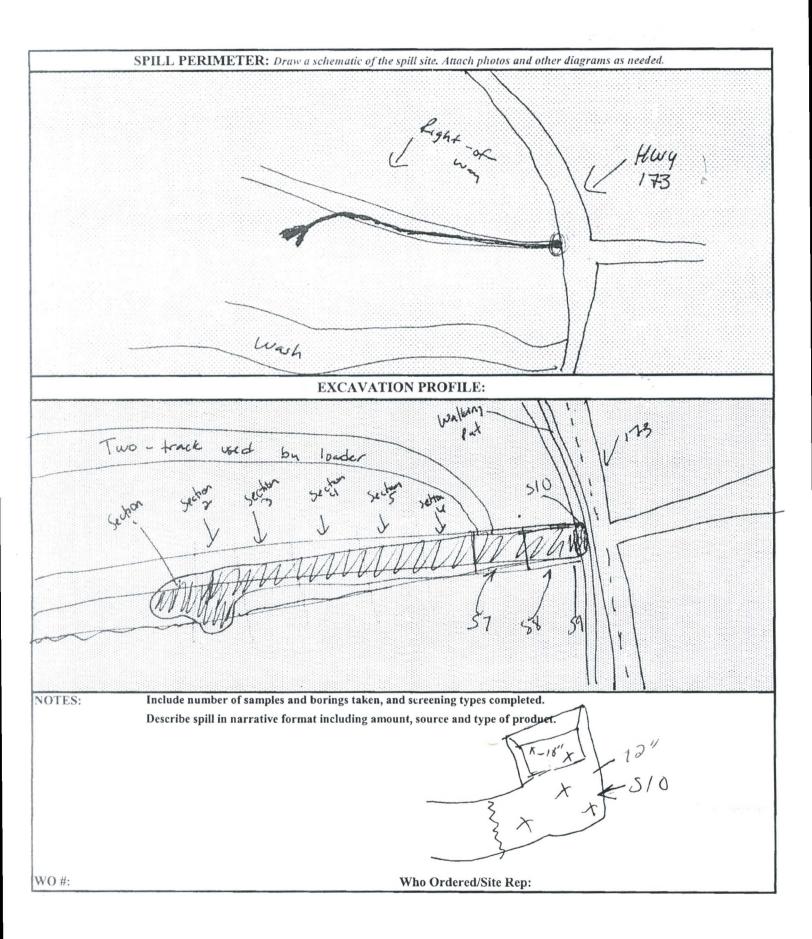
Practical Solutions for a Better Tomorrow

-	Three 1	0					E	-lete	BHall
					Envmtl. Sp		JAG 11		
CLIENT/JOB #:	envirotech				C.O.C. No:				
START DATE: 131 19			(505) 632-0615 (800) 362-1879				LAT		
FINISH DATE:			5796 U.S. Hwy 64, Farmington, NM 87401			LONG			
Page #		of							
Field Report: Spill Closure Verification									
NMOCD Ranking:			Depth to GW:				WH Protection Area: No Yes		
NMOCD TPH Close	Distance to SW: ~129 ft								
LOCATION: Name: HWY 173							API:		
County: San Juan State: WM									
Cause of Release: +rucking accident Material Released: Produced 43 of the former Amt. Released: -10 666/ man									
QUAD/UNIT:	TWP: RNG				PM:				
Wellhead Lat/Long:			Land Jurisdiction:				QTR Footage:		
Spill Located Approximately:FT. FROM Hwy 173									
2									
Disposal Facility: Land farm 2									
Land Use:			Lease:			i incuica.	Land Owner:		
FIELD 418.1 ANLAYSIS									
SAMPLE DESCRIPITION TIME SAMPLE 1.D. WEIGHT (g) mL FREON DILUTION READING CALC. ppm									CALC. ppm
200 std		1345					3,	217	217
Sector near po	ath	1505						24	104
		150	1				1		
OVM Results						Lab Testing			
Sample ID	Field Headspace PID (ppm)		Sample ID Field Heads		pace PID (ppm) Sample ID		Analysis Type Time		
Sychon ME D.D.									

.

-

-



APPENDIX E

Bill of Ladings and Special Waste Manifest



Practical Solutions for a Better Tomorrow

District J 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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-138 Revised August 1, 2011

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE
1. Generator Name and Address:
Three Rivers Trucking Inc
2. Originating Site:
HWY 173, MM1, AZtec, NM- Produced water from various wells, tos
5. Location of Material (Street Address, City, State of OLSTR).
HWY 115, MM 1, AZTEC, NM (S6.8256, -107.9616) S-11, T-30N, R-11W) 4. Source and Description of Waste:
HWY 173, MM 1. AZtec, NM - Produced water from various wells, tos 3. Location of Material (Street Address, City, State or ULSTR): HWY 173, MM 1. AZtec, NM (36.8256, -107.9676) (S-11, T-30N, R-11W) 4. Source and Description of Waste: Jiesel / 0:17 Produced water impacted Soil
Estimated Volume (100 vd) bls. Known Volume (to be entered by the operator at the end of the hould be well bbb
Estimated Volume / 0 (yd) / bbls Known Volume (to be entered by the operator at the end of the haul) yd ³ / bbls 5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS
do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)
RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non- exempt waste.
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)
🗆 MSDS Information 🛛 RCRA Hazardous Waste Analysis 🗆 Process Knowledge 🗔 Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
I,, representative for do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
5. Transporter:
ENvirotech
OCD Permitted Surface Waste Management Facility Name and Facility Permit #: ENNYOtech Lindform HZ [NM01-001]
Address of Facility:
Method of Treatment and/or Disposal:
Evaporation Injection Treating Plant Landfarm Landfill Other
Waste Acceptance Status:
PRINT NAME: TITLE: DATE: ///
SIGNATURE:



1ANIFEST # 62966
ENERATOR THISE RIVENTS THEFTOR
OINT OF ORIGIN HWY 173 mml
RANSPORTER 2 tech
ATE 2-12-19 JOB # 04036-0007

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

TRANSPORTING COMPANY

LOAD	COM	TRANSPORTING COMPANY								
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	#	TRK#	TIME	DRIVER SIGNATURE
)	LF_IT-5	Contsoil	H38		2			942	1020	
RESUL ~291	CHLORIDE TEST	LANDFARM EMPLOYEE	Ly Ri	Luis	a tran E	-2	NOTES		-	
	PAINT FILTER TEST	Certification	Certification of above receival & placement							

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact

T

Benvir	otech	BOL# 62966	
CHL	ORIDE TESTING	/ PAINT FILTER TES	STING
DATE 2-1-	2-19 TIME	1020	Attach test strip here
CUSTOMER	Three River	Strucking	
SITE	HWY 173 1	n m 1	B
DRIVER	R AF		9
SAMPLE	Soil Straight	With Dirt	
CHLORIDE TEST	-291 mg/Kg		6-
ACCEPTED	YES	NO	5
PAINT FILTER TEST	Time started	Time completed 7033	3
PASS	YES)	NO	2
SAMPLER/ANALYST	Gary Koly	nd Gr	

		otech U.S. HIGHWAY 64 • FARM		NEW MEX		ng G P T	$\frac{1}{2} = \frac{1}{2} = \frac{1}$	52869 Three Riv N Hwy 17 C F & M 19 JOB #	ers Trucking 3 mml 04036-0007 NY
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
)	LFII.5	Con't soil	238	20		01011	2845	945	2 Cf
2	11	Conit soil	238	20		01012	- 0845	1125	Bulant
				40					
RESUL	1	<u> </u>	PAL	inn	EL NOT P	es olly in B	Ah Load	S	
-011	PAINT FILTER TEST	Certification	of above re	peceival & pla	acement		1 0		

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact

Benvirotech BOL	#_62869
CHLORIDE TESTING / PAIN	T FILTER TESTING
DATE 1.31-19 TIME	Attach test strip here
CUSTOMER Three Rivers Truck	ing Q
SITE Hwy 173. MM1.	
DRIVER	9
SAMPLE Soil Straight With E	Dirt8
CHLORIDE TEST 7291 mg/Kg	6
ACCEPTED YES NO	5
PAINT FILTER TEST Time started 945 Time	completed 956
PASS YES NO	2
SAMPLER/ANALYST COULY ROUNSON	

PHONE	E: (505) 632-0615 • 5796	U.S. HIGHWAY 64 · F	FARMINGTON,	NEW MEX		19 GI PC TF	ANIFEST # ENERATOR T DINT OF ORIGIN RANSPORTER 2 ATE $1 - 31 - 31 - 31 - 31 - 31 - 31 - 31 -$	Stech	Vers Trucking 3 mm1 104036-0007 NY
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
]	LFII-5	Con+Soic	Ĉ 38	20	_	01010	660	1118	Chlitte
2	t I	Ir 4	C38	20		01013	660	1325	Elip
3	17	h U	638	20	The second second	10/014	660	1538	Tadat
				60					
				-					
RESUL	1	LANDFARM EMPLOYEE Certific	auf du ation of above re	Ceival & pla			S.		

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact

Phone _____

Benvir	otech	BOL# 62874	
CHL	ORIDE TESTING / PA	AINT FILTER TES	STING
DATE 1-31	-19 TIME	1118	Attach test strin here
CUSTOMER	Three Rivers tru	icking	
SITE	HWY173 mml		
DRIVER	Edding to gay		9
SAMPLE (Soil Straight	With Dirt	-7
CHLORIDE TEST	-29 mg/Kg		6
ACCEPTED	YES	NO	4
PAINT FILTER TEST	Time started	Time completed	3
PASS	YES	NO	2
SAMPLER/ANALYST	Gary Kolmbor)	
5796 US Hwy 64 Earmington M	IM 87401 Ph (505) 632,0615 Er (800) 362 1870 B	Ex (505) 632 1865 into Convictor in a	m onviratant in a saw

B	en	vir	ot	ec	h	Bill	of	Lading
---	----	-----	----	----	---	------	----	--------

	6	2885								
MANIFEST #										
GENERAT	OR Th	ITEC KOL	IEIS.							
POINT OF ORIGIN HUY 1733 MIMIL										
TRANSPC	RTER	Stech								
DATE _2	- 1 - 10	JOB #	04036-0007							
TF	ANSPO	RTING COMPAN	1Å							
TF	RK#	TIME	DRIVER SIGNATURE							
17	-	RAM								

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY		
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LEITS	Contsol	C38	12		01061	615	1145	BAA
2	11	11 11	C38	12		01062	615	1326	Blett
3	17	17 77	038	12		01063	615	1522	BLA
				36					
RESUL	ESULTS LANDFARM					L NOTES			. / 1
< 291	CHLORIDE TEST	EMPLOYEE	ULIKO.	lingi	6=~	Poly in Loads restorday and			sterday and
	PAINT FILTER TEST	Certificati	Certification of above receival & placement				tay		

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact ___

T

Signatures required prior to distribution of the legal document. DISTRIBUTION: White - Company Records, Yellow - Billing, Pink - Customer, Goldenrod - LF Copy

Benvir	otech	BOL# 62885	
CHL	ORIDE TESTING / P/	AINT FILTER TES	TING
DATE 2-1-1	ТІМЕ	1145	Attach test strip here
CUSTOMER	Three Rivers		C U A
SITE	HWY-173, M2	1771	N A B
DRIVER	S Jan Hohmen		9-
SAMPLE	Soil Straight	With Dirt	8
CHLORIDE TEST	291 mg/Kg		6
ACCEPTED	YES	NO	5
PAINT FILTER TEST	Time started 1145	Time completed 1157	4-
PASS	YES	NO	2
SAMPLER/ANALYST	Gary Robinso		1.
5706 LIC Hun 64 Forminaton NA	1 97401 Db (505) 622 0645 5- (800) 202 4070 5		

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	SDECIAL MARTE		Manifest Docu	iment No.				Page 1 of			
	SPECIAL WASTE MANIFEST		SI	N - 0	10:	10					
	Generator's Name	Generator's Addres			10	Conorate	or's Telep	hana No			
					, ,	Serieraiu 6		a 69.7			
	Origin of Special Waste (Project or Spil	$12 1 () \leq 0\chi$ (Cocation):	LILO	, Falm.n	ton	3	Q-36	60106			
	Produced Water \$	hydrocorban mpa	tal Soll	- Hwy	173	, MA	1 A	Her NM			
	Transporter #1 Company Name	Diject or Spilledocation): <i>Hen & hysiculton meadod Sol</i> e Address Hampton N-			Telephone No.						
	Transporter #2 Company Name	e Address /			No.						
	Destination Facility Name/Site Address	Facility ID (Permit) Number	er	Telephone	No.						
	ENUIVOTECH Landfaim #2	2 NMOFOOII			505-6328615						
0	Type and Proper Name of Special Waste			Container No.		Total Quantity	Unit Wt/Vol				
GEN	Produced Water & hyd	Produced Water & hydroculton impacted Sil			B						
NERA		,									
-											
OR											
	Additional Descriptions for Special Waste Listed Above:										
	Special Handling Instructions:										
	Toip Lond										
	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 to any other applicable federal, state or local requirings.										
	(Special Waste Requirements) in addition to any other applicable federal, state or local regulations.										
	Printed/Typed Name.	A Signatore:	1			Date:		12			
T	Transporter 1 Acknowledgement of Receip		3 /1/aj	1 1 1 4	Jac	NY_	1-31-	19			
TRANSPORTER	Printed/Typed Name:	Signature:	Signature:				1-31	-19			
PORT	Transporter 2 Acknowledgement of Receip Printed/Typed Name:	t of Special Waste Signature:	g g	Second and the contract and	ng madisilan ay da	Date:					
ER		olgnature.			SCIENT AN MUSIC	Date					
	Discrepancy Indication Space:										
FA(~										
FACILITY	Facility Owner or Operator: I hereby acknowled	dre receipt of the special wood	a as indicated	upon this m	nifeet	eveent	as noted at	ove in the			
\prec	Discrepancy Indication Space.			apon uns m	annest	lo-to-		~19			
	Printed/Typed Name	Signature	y Bour	War-		Date	1-31	-17			
579	96 U.S. Highway 64 • Farmington, NM 87401 • (50	(15) 632-0615 Office	1								



			and the second second	Manifest Doc	ument No.			Page 1 of			
	SPECIAL WASTE MANIFEST	SW - 01011									
	Generator's Name		Generator's Add	ross		Generat	or's Teler	hone No.			
		To 1	Generator's Add	1000	Γ /	Ceneral	75 21				
	Three Kivene	1 Much	10 15 0x	1728,	Halmington	1 Se	03-56	0-0736			
	Origin of Special Waste (Pro <i>Produce of Waten</i> Transporter #1 Company Name CF4 m	& hydre	(u.bom impoch	ed s. I.	HWY 17.	3, may	1, 1	Aztec Na			
	Transporter #1 Company Name		Address	5Ť	Telephone No.						
	Transporter #2 Company Name	Name Address			Telephone No.						
	Destination Facility Name/Site A		Facility ID (Permit) Nur	nber	Telephone No						
	Landfarm #2 Non of coll			505 632-0615							
G	Type and Proper Name of Special Waste			Container(s) No. Type	Total Quantity	Unit Wt/Vol					
ENE	Produced Wert & hydrocas bas Jon paded Sol			1B	20	YDS	6K				
ER		Ú									
RATO											
OR				17							
		Additior	nal Descriptions for S	pecial Waste L	isted Above:						
	Special Handling Instructions	:		·····							
	Josp La	·d									
	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 to any other applicable federal, state or local regulations.										
	Printed/Typed Name	las age	A) Signature:	no Arm	- Las e	Pate	1-31-	19			
TRA	Transporter 1 Acknowledgeme Printed/Typed Name:	nt of Receipt of	Special Waste Signature:		2	Date	r:				
NSP	TE 10111 (111			- T							
TRANSPORTER	Transporter 2 Acknowledgeme Printed/Typed Name:	nt of Receipt of	Special Waste Signature:			Date					
ER			olghatalo.								
1	Discrepancy Indication Spac	9:									
FACIL											
TTY	Facility Owner or Operator: I herel Discrepancy Indication Space.	oy acknowledge	receipt of the special w	aste as indicated	upon this manif	est, except	as noted a	bove in the			
	Printed Typed Name	002	Signature.	UIFAL.	IMAAN	7 Date	1-3	1-19			
57	96 U.S. Highway 64 · Farmington, NI	M 87401 · (505) 6	632-0615 Office	71000	0.000 1		1 01				

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	SPECIAL WASTE MANIFEST			Manifest Docu	ument No. N - 0	10	12		Page 1 of		
	Generator's Name		Generator's Addres		2		Generato				
	Three rivers Trucking		Po Box 2728	Farming	ton A	IM	505 3	26 09	36		
	Origin of Special Waste (Project of Spill Location): <u>Avad watch & Hydrocarban Impacted Soil - Hwy</u> 173, Transporter #1 Company Name CF & M Telephone										
	Transporter #1 Company Name	Address			Telephoné No.						
	Transporter #2 Company Name	Addre		Anno Canton an Danasa ann an Anna Anna Anna Anna Anna An	Telephon			anın (Madul & Martin Giladov) adapat			
	Destination Facility Name/Site Address				Telephon	e No.					
	Envivotech Landfarm #2	Nm 01-0011			(50)	615					
	Type and Proper Name of Special Waste			Contain No.	er(s) Type	Total Quantity	Unit Wt/Vol				
GE	Produced all will have I have I have		/	1	B	duditity					
NE	11040CEN WATER I MANUCA	o water i Hydrocarbon Impacted Soll									
RAT											
OR											
	Additional Descriptions for Special Waste Listed Above:										
	Special Handling Instructions:										
	Tarp land										
2	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 to any other applicable federal, state or local regulations.										
	Printed/Typed Name: Jonathen 16	Dan	Signature:	the	2		Date:	1/311	119		
TR	Transporter 1 Acknowledgement of Rece Printed/Typed Name:	eipt of Spec	cial Waste Signature:			**************************************	Date:				
ANSP		-		nya nga sakata mangana sakata na sakata ng			Date.				
RANSPORTER	Transporter 2 Acknowledgement of Rece Printed/Typed Name:	eipt of Spec	Signature:				Date:				
R	Discrepancy Indication Space:										
FACIL											
LITY	Facility Owner or Operator: I hereby acknow	/ledge recei	pt of the special wast	e as indicated	upon this r	nanife	st, except a	is noted al	bove in the		
	Discrepancy Indication Space. Printed/Typed Name:		Signature:	P.1	NAM.		Date:	171	19		
	06 U.S. Highway 64 · Farmington, NM 87401 ·	Contraction of the local data and the local data an	and the second	Kin	Se .		1	1-31-	17		

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	SPECIAL WASTE MANIFEST		Manifest Doc	went No. W – 0	10	13		Page 1 of			
	Generator's Name Thver Aivers Truct Origin of Special Waste (Project or Sp	Generator's Addres	s 28 Furm	ing ton	NM	Generato	or's Telep	phone No.			
	Origin of Special Waste (Project or Sp <i>Produced water + Hydrocarb</i> Transporter #1 Company Name										
	Transporter #1 Company Name	ne Addréss			Telephone No.						
	Transporter #2 Company Name	Address		Telephon	e No.		an a				
	Destination Facility Name/Site Address	Facility ID (Permit) Numbe	r	Telephon	ie No.						
	Third farm #2	NM01-0011		(505)632-0615							
		ame of Special Waste	linning an an articles into a new section222.	Contain No.	er(s) Type	Total Quantity	Unit Wt/Vol				
GEN	Froduced Water Hydrocarbon impacted Soil			1	B	20	1:05	GRE			
ER		To Thouse on the production of the									
ATO											
R											
	Add	litional Descriptions for Spe	cial Waste L	_isted Abo	ve:						
	Special Handling Instructions:										
	Tarp load										
	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 to any other applicable federal, state or local regulations.										
	Printed/Typed Name: Joing than Dan	Signature:	the De	~		Date:	1311	19			
TRANSF	Printed/Typed Name	ipt of Special Waste Signature	eße	/		Date:	-31-	-19			
TRANSPORTER	Transporter 2 Acknowledgement of Rede Printed/Typed Name:	ipt of Special Waste Signature:	Ð			Date:		/			
FACIL	Discrepancy Indication Space:										
LITY	Facility Owner or Operator: I hereby acknowl Discrepaticy Indication Space.	edge receipt of the special wast	e as indicated	upon this r	nanife	est, except a	as noted a	bove in the			
	Printed/Typed Name: RADINSON	Signature:	latin	son		Date	1-3	1-19			
57	96 U.S. Highway 64 • Farmington, NM 87401 • (505) 632-0615 Office	an a			and the second		nay ayan yana da ana ana ang ang ang ang ang ang ang an			

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			Manifest Docu	iment No.				Page 1 of			
	SPECIAL WASTE		CI	N - 0	10	4 4					
	MANIFEST		31	N - U	10	14					
	Generator's Name	Generator's Addres	S			Generato	or's Telep	hone No.			
				1	VIIIA	CAF	710	6001			
	Wee LIVENS IVUCICING	16 150A 2	60 Favi	mington	MWI	>0>	260-9	0936			
	Three RIVERS Trucking Po Bon 2728 Farmington NM 505 360-0936 Origin of Special Waste (Project or Spill Location): Noduced water -, Hydro (arbons impacted Soil - Hwy 173, Azta NM Transporter #1 Company Name Address Telephone No.										
	Woduced water - Hydrocarb.	on simplicited Soil -	Hwy 1	73, Aztec NM							
	Transporter #1 Company Name	Address		Telephone	e No.						
	Transporter #2 Company Name	Company Name Address			Telephone No.						
	Destination Facility Name/Site Address	Facility ID (Permit) Numbe	r	Telephone	e No.		au nan se de la seconda financia fin				
	Land Farm #2	NM 01-0011		505	63	2-06	15				
	Type and Proper Nam	and a second successful and an and the second and an an and the second second second second second second secon		Containe No.	r(s) Type	Total Quantity	Unit Wt/Vol				
GEN	froduced water : Hydroca	vhen Timperted C	241	1	B	Country					
ENE	110400000000000000000000000000000000000	Vie Pripaciona	~ 1	/	-						
RATO											
TO											
R											
	Additi	Additional Descriptions for Special Waste Listed Above:									
						-					
	Special Handling Instructions:										
	Taup load										
	GENERATOR'S CERTIFICATION: I hereby certify	v that the contents of this shipm	ent are fully and	d accurately	descri	bed above	by type and	proper name of			
	the special waste, and that such waste has been n	nanaged, packaged, containeriz	ed and labeled	in accordance							
	(Special Waste Requirements) in addition to any o	ither applicable federal, state or	local regulation	IS.							
1.3											
	Printed/Typed Name:	Signature:	h A	~		Date:	1/31/	19			
T	Transporter 1 Acknowledgement of Receipt	F /10		0		, i i i i i i i i i i i i i i i i i i i	1 6				
RAN	Printed/Typed Name:	Signature:	1. 1	Co.		Date:	1-31	1-19			
SPO	Transporter 2 Acknowledgement of Receipt	of Special Waste	De L	2			1 -1				
TRANSPORTER	Printed/Typed Name:	Signature:			icorijii en calco-ena	Date:	in an				
R	Discrepancy Indication Space:										
F/											
FACIL											
F	Facility Owner or Operator: I hereby acknowledge	ge receipt of the special waste	as indicated i	upon this m	anifes	st, except a	as noted at	oove in the			
	Discrepancy Indication Space. Printed/Ţyped Name:	Signature:	NA			Data					
	Vic Chapman	Signature.	×			Date:	1-31-	9			
579	96 U.S. Highway 64 • Farmington, NM 87401 • (505) 632-0615 Office	Antonio anto a anto de la califació			unite constant de la	san jua	an reproduction 578-137			

SPECIAL WASTE MANIFEST		Manifest Doc S	W - 01	06:	1		Page 1 of			
Generator's Name	Generator's Addre	ess		Ge	nerato	or's Telen	hone No.			
Three Rivers Truck	na Po Box	2728	Farminita							
Hay 173, pm 2 Transporter #1 Company Name Church Inc	Address 5796 LJ 69	/	Telephone No. JoJ- 632-061J-							
Transporter #2 Company Name	Address		Telephone No.							
Destination Facility Name/Site Address	ress Facility ID (Permit) Number		Telephone No.							
Envirotoch	N 100 01 0 11									
Carlfarm #2	NM01-0011	to This case is a state or prove and booldary	Container(And in case of the local division of	Z - O	G15 Unit	1			
Produced WAter			/pe Qu		Wt/Vol					
+ Hydrocarbon Inpacted Soil		1 .D	PI	2	Yds	62				
						,				
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 the special waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirem (Special Waste Requirements) in addition to any other applicable federal, state or local regulations.										
Printed/Typed Name:	Signature:				Date:					
Transporter 1 Acknowledgement of Red Printed/Typed Name: 5/10/02/143/1000 Transporter 2 Acknowledgement of Red Printed/Typed Name:	Signature:	. Hohre	~)		Date:	2.1.	19			
Transporter 2 Acknowledgement of Rep Printed/Typed Name:	wledgement of Receipt of Special Waste Signature:				Date:					
						urtechester to Minet and				
Discrepancy Indication Space:										
Facility Owner or Operator: I hereby ackno	wledge receipt of the special was	ste as indicateo	l upon this ma	nifest, e	except a	as noted al	bove in the			
Discrepancy Indication Space. Printed(Typed Name:	Signature:	R.T.	in Anas		Date:	2.1-	.19			

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

ODECIAL MARTE	Manifest I	Document No.				Page 1 of			
SPECIAL WASTE MANIFEST		SW - (
Generator's Name	Generator's Address		41	Generato	or's Telep	hone No.			
Three Rivers TRIAL	my Po Par ate	LY GARN	*?	505	3 4 3 -	0734			
Origin of Special Waste (Project or Spill®	Location):								
Hury 173 Nm 2	12tec Nim								
	Address 96 w 64	Telepho	ne No.	- 33	~ 1.				
Envirantech Inc	Address	Telepho	ne No	632-	0410)			
Destination Facility Name/Site Address	Facility ID (Permit) Number	Telepho	ne No.						
CARPFORM #2	111201-0011	1-6011 505-63,							
			-			, T			
Franket and Proper Nam	e of Special Waste	Contai No.	Type	Total Quantity	Unit Wt/Vol				
	proved so !	1	DP	17	YDS	62			
	- 2/2012	1	-PI	10	ph	O/			
Additi	onal Descriptions for Special Wast	in Linted Ab							
Addition	onal Descriptions for Opecial Wast	C LISICU ADI	0.00						
Special Handling Instructions:									
GENERATOR'S CERTIFICATION: Learby certifi	, that the contants of this shipmont are full	, and accurate	ly descr	ibod above	by type and	d proper pa			
the special waste, and that such waste has been n	nanaged, packaged, containerized and lab	eled in accorda							
the special waste, and that such waste has been n	nanaged, packaged, containerized and lab	eled in accorda							
the special waste, and that such waste has been n (Special Waste Requirements) in addition to any o	nanaged, packaged, containerized and laboration in the second sec	eled in accorda		h the requir	ements of 2				
the special waste, and that such waste has been n (Special Waste Requirements) in addition to any o	nanaged, packaged, containerized and lab	eled in accorda			ements of 2				
GENERATOR'S CERTIFICATION: Thereby certify the special waste, and that such waste has been n (Special Waste Requirements) in addition to any o Printed/Typed Name: Transporter 1 Acknowledgement of Receipt	nanaged, packaged, containerized and lab other applicable federal, state or local regula Signature: of Special Waste	eled in accorda		h the requir	ements of 2				
the special waste, and that such waste has been in (Special Waste Requirements) in addition to any o Printed/Typed Name: Transporter 1 Acknowledgement of Receipt Printed/Typed Name;	of Special Waste	eled in accorda ations.		h the requir	ements of 2				
the special waste, and that such waste has been in (Special Waste Requirements) in addition to any o Printed/Typed Name: Transporter 1 Acknowledgement of Receipt	nanaged, packaged, containerized and lab other applicable federal, state or local regula Signature: of Special Waste Signature:	eled in accorda ations.		h the requir	ements of 2	20.9.8 NMA			
the special waste, and that such waste has been in (Special Waste Requirements) in addition to any o Printed/Typed Name: Transporter 1 Acknowledgement of Receipt Printed/Typed Name; Harris Harris Transporter 2 Acknowledgement of Receipt	nanaged, packaged, containerized and lab other applicable federal, state or local regula Signature: of Special Waste Signature:	eled in accorda ations.		h the requir	ements of 2	20.9.8 NMA			
the special waste, and that such waste has been in (Special Waste Requirements) in addition to any o Printed/Typed Name: Transporter 1 Acknowledgement of Receipt Printed/Typed Name; Marca Marca Transporter 2 Acknowledgement of Receipt Printed/Typed Name:	of Special Waste	eled in accorda ations.		h the requir Date:	ements of 2	20.9.8 NMA			
the special waste, and that such waste has been in (Special Waste Requirements) in addition to any o Printed/Typed Name: Transporter 1 Acknowledgement of Receipt Printed/Typed Name;	of Special Waste	eled in accorda ations.		h the requir Date:	ements of 2	20.9.8 NMA			
the special waste, and that such waste has been in (Special Waste Requirements) in addition to any o Printed/Typed Name: Transporter 1 Acknowledgement of Receipt Printed/Typed Name; Marca Marca Transporter 2 Acknowledgement of Receipt Printed/Typed Name:	of Special Waste	eled in accorda ations.		h the requir Date:	ements of 2	20.9.8 NMA			
the special waste, and that such waste has been in (Special Waste Requirements) in addition to any o Printed/Typed Name: Transporter 1 Acknowledgement of Receipt Printed/Typed Name; Harrie Harris Transporter 2 Acknowledgement of Receipt Printed/Typed Name:	of Special Waste	eled in accorda ations.		h the requir Date:	ements of 2	20.9.8 NMA			
the special waste, and that such waste has been in (Special Waste Requirements) in addition to any o Printed/Typed Name: Transporter 1 Acknowledgement of Receipt Printed/Typed Name; Marchaddage Transporter 2 Acknowledgement of Receipt Printed/Typed Name: Discrepancy Indication Space: Facility Owner or Operator: Thereby acknowledge	of Special Waste Signature: Signature: Signature: Signature: Signature: Signature: Signature: Signature:	eled in accorda ations.	ance wit	h the requir Date: Date: Date:	ements of 2	20.9.8 NMA			
the special waste, and that such waste has been in (Special Waste Requirements) in addition to any o Printed/Typed Name: Transporter 1 Acknowledgement of Receipt Printed/Typed Name; Harring Acknowledgement of Receipt Printed/Typed Name:	of Special Waste Signature: Signature: Signature: Signature: Signature: Signature: Signature: Signature:	eled in accorda ations.	manife	h the requir Date: Date: Date:	ements of 2	20.9.8 NMA			

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			Manifest Docu	ument No.				Page 1 of		
SPECIAL WASTE MANIFEST			SI	N - (010	63				
Generator's Name		Generator's Addre	SS	1.200		Generate	or's Telep	hone No.		
THAT & LEAS TRUCK	21	E. Car L	· 6	n An se A	1.13	5.15	23-	a136		
Origin of Special Waste (Project or	Spill Locat	ion):					Mar Honora Channel	and the second		
New, 127 12 18 1 1										
Transporter #1 Company Name	sporter #1 Company Name Address				one No.	632-	32-0815			
Transporter #2 Company Name	any Name Address Telephone No.									
Destination Facility Name/Site Address	s Faci	lity ID (Permit) Numb	er	Telepho	one No.	Non-water for his right inscription		1. (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		
TAND FLARM AS	N	1101-00	5/1	5.	25	632	al.	T		
Produced Type and Prope	er Name of S	pecial Waste		Contai No.		Total Quantity	Unit Wt/Vol			
			٢.,	1	DP		YDS			
		-1			1		1			
ס > 										
)										
0										
Special Handling Instructions:										
GENERATOR'S CERTIFICATION: I hereby the special waste, and that such waste has (Special Waste Requirements) in addition to Printed/Typed Name:	been manage	ed, packaged, container	ized and labeled	in accord			ements of 2			
Transporter 1 Acknowledgement of Re	eceipt of Spe	ecial Waste								
Printed/Typed Name: Transporter 2 Acknowledgement of Re Printed/Typed Name:		Signature:	1			Date		-19		
Transporter 2 Acknowledgement of Re	eceipt of Spe	ecial Waste					0 ° 1	<u> </u>		
Printed/Typed Name:		Signature:				Date				
Discrepancy Indication Space:	Charles and the second second		010020018-01000-000-00-00-00-00-00-00-00-00-00-00							
Facility Owner or Operator: I hereby ackn										
Facility Owner or Operator: I hereby ackn	owledge rec	eipt of the special was	te as indicated	upon this	manife	st, except a	as noted al	oove in the		
Discrepancy Indication Space. Printed Typed Name:	2	Signature:	RAKI	mAr.		Date	2.1-	19		
5796 U.S. Highway 64 • Farmington, NM 87401	/ 1 • (505) 632-	0615 Office	1 1 25 10 1	1.1.1			san iu	an reproduction 578-13		
							Sanju			