

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

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

JAN 26 2016

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Enervest Operating	Contact Michael Dame HSE Associate
Address 2700 Farmington Ave Building K, Suite #1	Telephone No. 505-325-0318
Facility Name Jicarilla A #007F	Facility Type Oil & Gas Production
Surface Owner Jicarilla Tribe	Mineral Owner Jicarilla Tribe
API No. 30-039-31171	

LOCATION OF RELEASE

Unit Letter C	Section 17	Township 26N	Range 5W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
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Latitude N. 36.49256 Longitude W -107.38475

NATURE OF RELEASE

Type of Release - None	Volume of Release - None	Volume Recovered - None
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

The contaminated soil was removed and taken to TNT Land Farm. Soil that was around location was used to back fill the area. A five point composite sample was collect from the excavation and submitted to Envirotech Analytical Laboratory for analysis.

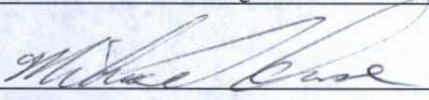
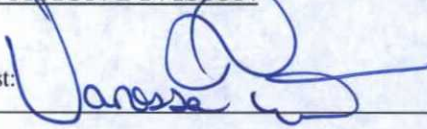
The results are:

Benzene - Non Detect (EPA Method 8021)
BTEX - Non Detect mg/kg (EPA Method 8021)
GRO/DRO -Non Detect /kg (EPA 8015)
Total Petroleum Hydrocarbons - 92.0 mg/kg (EPA Method 418.1)
Chloride -Non Detect (EPA Method 300.0)

Describe Area Affected and Cleanup Action Taken.*

After all the contaminated soil was taken off location to a local land farm. We were able to do a 5 point soil sample. After the soil sample results passed inspection, the hole that was dug was covered back up as per NMOCD regulations and the Jicarilla Tribal EPOC's permission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Michael Dame	Approved by Environmental Specialist: 	
Title: HSE Associate	Approval Date: <u>1/27/2016</u>	Expiration Date:
E-mail Address: mdame@enervest.net	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8-24-2015 Phone: 505-325-0318		

NCS1521552884

11

* Attach Additional Sheets If Necessary

Analytical Report

Report Summary

Client: Enervest Operating
Chain Of Custody Number:
Samples Received: 7/24/2015 2:18:00PM
Job Number: 05123-0002
Work Order: P507073
Project Name/Location: Jicarilla A7F

OIL CONS. DIV DIST. 3

JAN 26 2016

Entire Report Reviewed By:



Date: 7/29/15

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

Enervest Operating
2700 Farmington Ave.
Farmington NM, 87401

Project Name: Jicarilla A7F
Project Number: 05123-0002
Project Manager: Mike Dame

Reported:
29-Jul-15 17:14

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Jicarilla A7F	P507073-01A	Soil	07/24/15	07/24/15	Glass Jar, 4 oz.

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 Farmington NM, 87401

 Project Name: Jicarilla A7F
 Project Number: 05123-0002
 Project Manager: Mike Dame

 Reported:
 29-Jul-15 17:14

Jicarilla A7F
P507073-01 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.10	mg/kg	1		1531006	07/27/15	07/28/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1		1531006	07/27/15	07/28/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1		1531006	07/27/15	07/28/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1		1531006	07/27/15	07/28/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1		1531006	07/27/15	07/28/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1		1531006	07/27/15	07/28/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1		1531006	07/27/15	07/28/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		100 %		50-150		1531006	07/27/15	07/28/15	EPA 8021B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1		1531006	07/27/15	07/28/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1		1531005	07/27/15	07/28/15	EPA 8015D	
Surrogate: o-Terphenyl		68.4 %		50-200		1531005	07/27/15	07/28/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		97.6 %		50-150		1531006	07/27/15	07/28/15	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1										
Total Petroleum Hydrocarbons	92.0	35.0	mg/kg	1		1531009	07/28/15	07/28/15	EPA 418.1	
Cation/Anion Analysis										
Chloride	ND	10.0	mg/kg	1		1531004	07/27/15	07/29/15	EPA 300.0	

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Project Name: Jicarilla A7F
Project Number: 05123-0002
Project Manager: Mike Dame

Reported:
29-Jul-15 17:14

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
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Batch 1531006 - Purge and Trap EPA 5030A

Blank (1531006-BLK1)

Prepared: 27-Jul-15 Analyzed: 28-Jul-15

Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	0.320		"	0.320		100	50-150			

LCS (1531006-BS1)

Prepared: 27-Jul-15 Analyzed: 28-Jul-15

Benzene	21.7	0.10	mg/kg	20.0		108	75-125			
Toluene	21.7	0.10	"	20.0		109	70-125			
Ethylbenzene	22.0	0.10	"	20.0		110	75-125			
p,m-Xylene	44.2	0.20	"	40.0		110	80-125			
o-Xylene	21.6	0.10	"	20.0		108	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.321		"	0.320		100	50-150			

Matrix Spike (1531006-MS1)

Source: P507073-01

Prepared: 27-Jul-15 Analyzed: 28-Jul-15

Benzene	21.6	0.10	mg/kg	20.0	ND	108	75-125			
Toluene	21.7	0.10	"	20.0	ND	109	70-125			
Ethylbenzene	22.1	0.10	"	20.0	ND	111	75-125			
p,m-Xylene	44.2	0.20	"	39.9	ND	111	80-125			
o-Xylene	21.7	0.10	"	20.0	ND	108	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.321		"	0.320		101	50-150			

Matrix Spike Dup (1531006-MSD1)

Source: P507073-01

Prepared: 27-Jul-15 Analyzed: 28-Jul-15

Benzene	21.3	0.10	mg/kg	20.0	ND	107	75-125	1.51	15	
Toluene	21.4	0.10	"	20.0	ND	107	70-125	1.59	15	
Ethylbenzene	21.7	0.10	"	20.0	ND	109	75-125	1.59	15	
p,m-Xylene	43.5	0.20	"	40.0	ND	109	80-125	1.59	15	
o-Xylene	21.3	0.10	"	20.0	ND	107	75-125	1.61	15	
Surrogate: 4-Bromochlorobenzene-PID	0.323		"	0.320		101	50-150			

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

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

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

Enervest Operating
 2700 Farmington Ave.
 Farmington NM, 87401

 Project Name: Jicarilla A7F
 Project Number: 05123-0002
 Project Manager: Mike Dame

Reported:
 29-Jul-15 17:14

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 1531005 - DRO Extraction EPA 3550M										
Blank (1531005-BLK1)				Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: o-Terphenyl	42.7		"	40.0		107	50-200			
LCS (1531005-BS1)				Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Diesel Range Organics (C10-C28)	528	25.0	mg/kg	500		106	38-132			
Surrogate: o-Terphenyl	43.3		"	40.0		108	50-200			
Matrix Spike (1531005-MS1)				Source: P507073-01 Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Diesel Range Organics (C10-C28)	397	25.0	mg/kg	500	ND	79.4	38-132			
Surrogate: o-Terphenyl	31.6		"	40.0		79.0	50-200			
Matrix Spike Dup (1531005-MSD1)				Source: P507073-01 Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Diesel Range Organics (C10-C28)	396	25.0	mg/kg	500	ND	79.2	38-132	0.184	20	
Surrogate: o-Terphenyl	32.0		"	40.0		79.9	50-200			

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 Project Number: 05123-0002
 Project Manager: Mike Dame

Reported:
 29-Jul-15 17:14

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 1531006 - Purge and Trap EPA 5030A										
Blank (1531006-BLK1)				Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.312		"	0.320		97.4	50-150			
LCS (1531006-BS1)				Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Gasoline Range Organics (C6-C10)	471	20.0	mg/kg	449		105	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.313		"	0.320		97.7	50-150			
Matrix Spike (1531006-MS1)				Source: P507073-01		Prepared: 27-Jul-15 Analyzed: 28-Jul-15				
Gasoline Range Organics (C6-C10)	472	20.0	mg/kg	449	ND	105	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.313		"	0.320		97.9	50-150			
Matrix Spike Dup (1531006-MSD1)				Source: P507073-01		Prepared: 27-Jul-15 Analyzed: 28-Jul-15				
Gasoline Range Organics (C6-C10)	464	20.0	mg/kg	449	ND	103	75-125	1.74	15	
Surrogate: 4-Bromochlorobenzene-FID	0.314		"	0.320		98.1	50-150			

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Reported:
 29-Jul-15 17:14

Total Petroleum Hydrocarbons by 418.1 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1531009 - 418 Freon Extraction
Blank (1531009-BLK1)

Prepared & Analyzed: 28-Jul-15

Total Petroleum Hydrocarbons ND 35.0 mg/kg

Duplicate (1531009-DUP1)

Source: P507070-01

Prepared & Analyzed: 28-Jul-15

Total Petroleum Hydrocarbons ND 35.0 mg/kg ND 30

Matrix Spike (1531009-MS1)

Source: P507070-01

Prepared & Analyzed: 28-Jul-15

Total Petroleum Hydrocarbons 1890 35.0 mg/kg 2030 ND 93.3 80-120

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Cation/Anion Analysis - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1531004 - Anion Extraction EPA 300.0										
Blank (1531004-BLK1)				Prepared: 27-Jul-15 Analyzed: 29-Jul-15						
Chloride	ND	9.94	mg/kg							
LCS (1531004-BS1)				Prepared: 27-Jul-15 Analyzed: 29-Jul-15						
Chloride	457	9.98	mg/kg	499		91.5	90-110			
Matrix Spike (1531004-MS1)				Source: P507070-01 Prepared: 27-Jul-15 Analyzed: 29-Jul-15						
Chloride	640	9.87	mg/kg	493	163	96.7	80-120			
Matrix Spike Dup (1531004-MSD1)				Source: P507070-01 Prepared: 27-Jul-15 Analyzed: 29-Jul-15						
Chloride	648	9.99	mg/kg	499	163	97.2	80-120	1.32	20	

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Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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