

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 #007	Facility Type Oil & Gas Production
Surface Owner Jicarilla Tribe	Mineral Owner Jicarilla Tribe
API No. 30-039-08097	

**LOCATION OF RELEASE**

Unit Letter L	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. 36.48411 Longitude W -107.38872

**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.

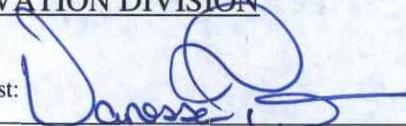
The results are:

Benzene - Non Detect (EPA Method 8021)  
BTEX - Non Detect mg/kg (EPA Method 8021)  
GRO/DRO -23.8GRO/41.0 DRO/kg (EPA 8015)  
Total Petroleum Hydrocarbons - 148 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: 	<b>OIL CONSERVATION DIVISION</b>	
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: 8-25-2015 Phone: 505-325-0318		

NC31521554890

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\* Attach Additional Sheets If Necessary

## Analytical Report

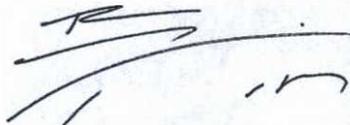
OIL CONS. DIV DIST. 3

JAN 26 2016

### Report Summary

Client: Enervest Operating  
Chain Of Custody Number: 16320  
Samples Received: 8/6/2015 2:00:00PM  
Job Number: 05123-0002  
Work Order: P508010  
Project Name/Location: Jicarilla A #007

Entire Report Reviewed By:



Date: 8/10/15

\_\_\_\_\_  
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 A #007 Project Number: 05123-0002 Project Manager: Mike Dame	<b>Reported:</b> 10-Aug-15 09:50
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### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Jicarilla A #007	P508010-01A	Soil	08/05/15	08/06/15	Glass Jar, 4 oz.

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Enervest Operating  
2700 Farmington Ave.  
Farmington NM, 87401

Project Name: Jicarilla A #007  
Project Number: 05123-0002  
Project Manager: Mike Dame

Reported:  
10-Aug-15 09:50

**Jicarilla A #007**  
**P508010-01 (Solid)**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.10	mg/kg	1	1532009	08/06/15	08/06/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1532009	08/06/15	08/06/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1532009	08/06/15	08/06/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1532009	08/06/15	08/06/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1532009	08/06/15	08/06/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1532009	08/06/15	08/06/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1532009	08/06/15	08/06/15	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %		50-150	1532009	08/06/15	08/06/15	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	23.8	20.0	mg/kg	1	1532009	08/06/15	08/06/15	EPA 8015D	
Diesel Range Organics (C10-C28)	41.0	25.1	mg/kg	1	1532010	08/06/15	08/06/15	EPA 8015D	
<i>Surrogate: o-Terphenyl</i>		132 %		50-200	1532010	08/06/15	08/06/15	EPA 8015D	
<i>Surrogate: 4-Bromochlorobenzene-FID</i>		101 %		50-150	1532009	08/06/15	08/06/15	EPA 8015D	
<b>Total Petroleum Hydrocarbons by 418.1</b>									
Total Petroleum Hydrocarbons	148	34.9	mg/kg	1	1532014	08/06/15	08/06/15	EPA 418.1	
<b>Cation/Anion Analysis</b>									
Chloride	ND	9.97	mg/kg	1	1532015	08/07/15	08/07/15	EPA 300.0	

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Enervest Operating 2700 Farmington Ave. Farmington NM, 87401	Project Name: Jicarilla A #007 Project Number: 05123-0002 Project Manager: Mike Dame	Reported: 10-Aug-15 09:50
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**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 1532009 - Purge and Trap EPA 5030A**

**Blank (1532009-BLK1)**

Prepared & Analyzed: 06-Aug-15

Benzene	ND	0.002	mg/kg							
Toluene	ND	0.002	"							
Ethylbenzene	ND	0.002	"							
p,m-Xylene	ND	0.004	"							
o-Xylene	ND	0.002	"							
Total Xylenes	ND	0.002	"							
Total BTEX	ND	0.002	"							
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	0.313		"	0.320		97.9	50-150			

**LCS (1532009-BS1)**

Prepared & Analyzed: 06-Aug-15

Benzene	20.3	0.10	mg/kg	20.0		102	75-125			
Toluene	20.3	0.10	"	20.0		102	70-125			
Ethylbenzene	20.8	0.10	"	20.0		104	75-125			
p,m-Xylene	41.8	0.20	"	40.0		104	80-125			
o-Xylene	20.7	0.10	"	20.0		104	75-125			
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	0.320		"	0.320		99.9	50-150			

**Matrix Spike (1532009-MS1)**

Source: P508008-01

Prepared & Analyzed: 06-Aug-15

Benzene	23.8	0.10	mg/kg	20.0	ND	119	75-125			
Toluene	23.9	0.10	"	20.0	ND	120	70-125			
Ethylbenzene	24.3	0.10	"	20.0	ND	121	75-125			
p,m-Xylene	48.7	0.20	"	40.0	ND	122	80-125			
o-Xylene	23.8	0.10	"	20.0	ND	119	75-125			
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	0.319		"	0.320		99.7	50-150			

**Matrix Spike Dup (1532009-MSD1)**

Source: P508008-01

Prepared & Analyzed: 06-Aug-15

Benzene	23.6	0.10	mg/kg	20.0	ND	118	75-125	0.819	15	
Toluene	23.7	0.10	"	20.0	ND	119	70-125	0.843	15	
Ethylbenzene	24.0	0.10	"	20.0	ND	120	75-125	0.940	15	
p,m-Xylene	48.2	0.20	"	40.0	ND	121	80-125	0.909	15	
o-Xylene	23.6	0.10	"	20.0	ND	118	75-125	0.939	15	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	0.319		"	0.320		99.9	50-150			

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Enervest Operating 2700 Farmington Ave. Farmington NM, 87401	Project Name: Jicarilla A #007 Project Number: 05123-0002 Project Manager: Mike Dame	<b>Reported:</b> 10-Aug-15 09:50
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**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
<b>Batch 1532009 - Purge and Trap EPA 5030A</b>										
<b>Blank (1532009-BLK1)</b>				Prepared & Analyzed: 06-Aug-15						
Gasoline Range Organics (C6-C10)	ND	0.40	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.306		"	0.320		95.6	50-150			
<b>LCS (1532009-BS1)</b>				Prepared & Analyzed: 06-Aug-15						
Gasoline Range Organics (C6-C10)	439	20.0	mg/kg	449		97.6	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.312		"	0.320		97.5	50-150			
<b>Matrix Spike (1532009-MS1)</b>				Source: P508008-01		Prepared & Analyzed: 06-Aug-15				
Gasoline Range Organics (C6-C10)	517	20.0	mg/kg	449	ND	115	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.312		"	0.320		97.5	50-150			
<b>Matrix Spike Dup (1532009-MSD1)</b>				Source: P508008-01		Prepared & Analyzed: 06-Aug-15				
Gasoline Range Organics (C6-C10)	513	20.0	mg/kg	449	ND	114	75-125	0.709	15	
Surrogate: 4-Bromochlorobenzene-FID	0.312		"	0.320		97.6	50-150			

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Envervest Operating  
2700 Farmington Ave.  
Farmington NM, 87401

Project Name: Jicarilla A #007  
Project Number: 05123-0002  
Project Manager: Mike Dame

Reported:  
10-Aug-15 09:50

**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
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**Batch 1532010 - DRO Extraction EPA 3550M**

**Blank (1532010-BLK1)**

Prepared & Analyzed: 06-Aug-15

Diesel Range Organics (C10-C28)	ND	25.1	mg/kg							
Surrogate: <i>o</i> -Terphenyl	23.2		"	40.1		57.9	50-200			

**LCS (1532010-BS1)**

Prepared & Analyzed: 06-Aug-15

Diesel Range Organics (C10-C28)	757	25.1	mg/kg	502		151	38-132			SPK1
Surrogate: <i>o</i> -Terphenyl	62.3		"	40.2		155	50-200			

**Matrix Spike (1532010-MS1)**

Source: P508008-01

Prepared & Analyzed: 06-Aug-15

Diesel Range Organics (C10-C28)	727	25.2	mg/kg	504	273	89.9	38-132			
Surrogate: <i>o</i> -Terphenyl	54.6		"	40.3		135	50-200			

**Matrix Spike Dup (1532010-MSD1)**

Source: P508008-01

Prepared & Analyzed: 06-Aug-15

Diesel Range Organics (C10-C28)	791	25.1	mg/kg	502	273	103	38-132	8.45	20	
Surrogate: <i>o</i> -Terphenyl	60.1		"	40.1		150	50-200			

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Enervest Operating 2700 Farmington Ave. Farmington NM, 87401	Project Name: Jicarilla A #007 Project Number: 05123-0002 Project Manager: Mike Dame	<b>Reported:</b> 10-Aug-15 09:50
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**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
<b>Batch 1532014 - 418 Freon Extraction</b>										
<b>Blank (1532014-BLK1)</b>				Prepared & Analyzed: 06-Aug-15						
Total Petroleum Hydrocarbons	ND	35.0	mg/kg							
<b>Duplicate (1532014-DUP1)</b>				Source: P508009-01 Prepared & Analyzed: 06-Aug-15						
Total Petroleum Hydrocarbons	160	35.0	mg/kg		160			0.0400	30	
<b>Matrix Spike (1532014-MS1)</b>				Source: P508009-01 Prepared & Analyzed: 06-Aug-15						
Total Petroleum Hydrocarbons	2170	35.0	mg/kg	2030	160	99.0	80-120			

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Enervest Operating 2700 Farmington Ave. Farmington NM, 87401	Project Name: Jicarilla A #007 Project Number: 05123-0002 Project Manager: Mike Dame	<b>Reported:</b> 10-Aug-15 09:50
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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
<b>Batch 1532015 - Anion Extraction EPA 300.0</b>										
<b>Blank (1532015-BLK1)</b>										
Chloride	ND	9.95	mg/kg							Prepared & Analyzed: 07-Aug-15
<b>LCS (1532015-BS1)</b>										
Chloride	485	9.87	mg/kg	493		98.3	90-110			Prepared & Analyzed: 07-Aug-15
<b>Matrix Spike (1532015-MS1)</b>										
		<b>Source: P508010-01</b>								Prepared & Analyzed: 07-Aug-15
Chloride	506	9.96	mg/kg	498	ND	102	80-120			
<b>Matrix Spike Dup (1532015-MSD1)</b>										
		<b>Source: P508010-01</b>								Prepared & Analyzed: 07-Aug-15
Chloride	505	9.96	mg/kg	498	ND	101	80-120	0.152	20	

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Envest Operating  
2700 Farmington Ave.  
Farmington NM, 87401

Project Name: Jicarilla A #007  
Project Number: 05123-0002  
Project Manager: Mike Dame

**Reported:**  
10-Aug-15 09:50

### 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  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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# CHAIN OF CUSTODY RECORD

16320

Client: <i>Enervest Operating</i>	Project Name / Location: <i>Jicarilla A#007</i>	ANALYSIS / PARAMETERS											
Email results to: <i>mdame@enervest.net</i>	Sampler Name: <i>Michael Dame</i>	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
Client Phone No.: <i>505-215-7879</i>	Client No.: <i>05123-0002</i> <i>505-215-7879</i>												

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
					HNO <sub>3</sub>	HCl													
<i>Jicarilla A#007</i>	<i>8/5/15</i>	<i>11:30am</i>	<i>P508010-01</i>	<i>1-4oz</i>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Relinquished by: (Signature) <i>[Signature]</i>	Date <i>8/5/15</i>	Time <i>11:30</i>	Received by: (Signature) <i>[Signature]</i>	Date <i>8/6/15</i>	Time <i>14:00</i>
Relinquished by: (Signature)			Received by: (Signature)		
Sample Matrix Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>					

Sample(s) dropped off after hours to secure drop off area.

I day rush - Please

envirotech

Analytical Laboratory

17.9

5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc

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