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ANALYSIS REQUEST		01 11/8	S MAR	73) XAT 8262-565 (878)
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Analytical Results For:

VICTORY SERVICES JOSH RUTH P. O. BOX 1148 EUNICE NM, 88231 Fax To: NONE

Received: Reported: Project Name: Project Number: Project Location:	11/18/2014 11/20/2014 WILLIAMS CLEANUP NONE GIVEN LEA COUNTY, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	11/18/2014 Soil ** (See Notes) Jodi Henson
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Sample ID: SAMPLE #1 (H403544-01)

TPH 8015M	mg/kg		Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	12.8	10,0	11/19/2014	ND	199	99.5	200	0.490	
DRO >C10-C28	<10.0	10.0	11/19/2014	ND	205	103	200	0.499	
Surrogate: 1-Chlorooctane	116	% 47.2-15	7			· · · · ·			
Surrogate: 1-Chlorooctadecane	127	% 52,1-17	6						

Sample ID: SAMPLE #2 (H403544-02)

TPH 8015M	mg,	mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10,0	10.0	11/19/2014	ND	199	99.5	200	0.490	
DRO >C10-C28	10.5	10.0	11/1 9/ 2014	ND	205	103	200	0.499	
Surrogate: 1-Chlorooctane	115 9	% 47.2-15	7				<u> </u>		
Surrogate: 1-Chlorooctadecane	126 :	% 52.1 - 17	6						

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Analytical Results For;

VICTORY SERVICES JOSH RUTH P. O. BOX 1148 EUNICE NM, 88231 Fax To: NONE

Received: Reported: Project Name: Project Number: Project Location:	11/18/2014 11/20/2014 WILLIAMS CLEANUP NONE GIVEN LEA COUNTY, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	11/18/2014 Soil ** (See Notes) Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SAMPLE #3 (H403544-03)

TPH 8015M	mg/kg		Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/19/2014	ND	199	99.5	200	0.490	
DRO >C10-C28	<10.0	10.0	11/19/2014	ND	205	103	200	0.499	
Surrogate: 1-Chlorooctane	117 9	<i>47.2-15</i>	7						
Surrogate: 1-Chlorooctadecane	131 9	52.1-17	б						

Sample ID: SAMPLE #4 (H403544-04)

TPH 8015M	mg/kg		Analyze	Analyzed By; ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/19/2014	ND	199	99.5	200	0,490	
DRO >C10-C28	59.7	10.0	11/19/2014	ND	205	103	200	0.499	
Surrogate: 1-Chlorooctane	116 ;	% 47.2-15	7						
Surrogate: I-Chlorooctadecane	127 :	% 52.1-17	6						

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Analytical Results For:

VICTORY SERVICES JOSH RUTH P. O. BOX 1148 EUNICE NM, 88231 Fax To: NONE

Received: Reported: Project Name: Project Number: Project Location:	11/18/2014 11/20/2014 WILLIAMS CLEANUP NONE GIVEN LEA COUNTY, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	11/18/2014 Soil ** (See Notes) Jodi Henson
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Sample ID: SAMPLE #5 (H403544-05)

TPH 8015M	mg/kg		Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/19/2014	ND	199	99.5	200	0.490	
DRO >C10-C28	<10.0	10.0	11/19/2014	ND	205	103	200	0.499	
Surrogate; 1-Chlorooctane	115 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	126 %	6	6						

Sample ID: SAMPLE #6 (H403544-06)

TPH 8015M	mg/kg		Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10,0	10.0	11/19/2014	ND	199	99.5	200	0.490	
DR0 >C10-C28	20.7	10.0	11/19/2014	ND	205	103	200	0,499	
Surrogate: 1-Chlorooctane	119 %	% 47.2-15	7		· · ·	· · · · · · · · · · · · · · · · · · ·			_
Surrogate: 1-Chlorooctadecane	132 %	% 52.I-17	6						

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Analytical Results For:

VICTORY SERVICES JOSH RUTH P. O. BOX 1148 EUNICE NM, 88231 Fax To: NONE

Project Location: LEA COUNTY, NM	Reported: 1: Project Name: W Project Number: N	1/18/2014 1/20/2014 VILLIAMS CLEANUP IONE GIVEN EA COUNTY, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	11/18/2014 Soil ** (See Notes) Jodi Henson
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Sample ID: SAMPLE #7 (H403544-07)

ТРН 8015М	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/19/2014	ND	199	99.5	200	0.490	
DR0 >C10-C28	18.5	10.0	11/19/2014	ND	205	103	200	0.499	
Surrogate: 1-Chlorooctane	119 9	% 47.2-15	7					- <u> </u>	<u> </u>
Surrogate: 1-Chlorooctadecane	132 \$	% 52.1-17	6						

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Notes and Definitions

QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.	
ND	Analyte NOT DETECTED at or above the reporting limit	
RPD	Relative Percent Difference	
**	Samples not received at proper temperature of 6°C or below.	
***	Insufficient time to reach temperature.	
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C	
	Samples reported on an as received basis (wet) unless otherwise noted on report	

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Celey D. Keene, Lab Director/Quality Manager

Page 6 of 7



November 20, 2014

JOSH RUTH VICTORY SERVICES P. O. BOX 1148 EUNICE, NM 88231

RE: WILLIAMS CLEANUP

Enclosed are the results of analyses for samples received by the laboratory on 11/18/14 13:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager