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ANALYSIS REQUEST	Sanive	ALUA A REOT : MA	oject Manager:

Victory energy SVC By mail , com Samplet - UPS - Bus - Other: Delivered By: (Circle One)

† Cardinal cannot accept verbal changes, Please lax written changes to 1975) 395 2328



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

Received:

11/18/2014

Reported: Project Name: 11/20/2014

Project Number: Project Location: WILLIAMS CLEANUP NONE GIVEN

LEA COUNTY, NM

Sampling Date:

Sampling Type:

Soil

Sampling Condition: Sample Received By:

** (See Notes)

11/18/2014

Jodi Henson

Sample ID: SAMPLE #1 (H403544-01)

TPH 8015M Analyte	mg/kg		Analyzed By: ms						
	Result	Reporting Limit	Analyzed	Method Blank	BS	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						<u> </u>

127% Surrogate: 1-Chlorooctadecane 52,1-176

Sample ID: SAMPLE #2 (H403544-02)

TPH 8015M	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	11/19/2014	ND	205	103	200	0.499	
Surrogate: 1-Chlorooctane	115	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	126	% 52.1-17	6						

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*=Accredited Analyte

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Received:

11/18/2014

Reported:

11/20/2014

Project Name:

WILLIAMS CLEANUP

Project Number:

NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

11/18/2014

Sample Received By:

Jodi Henson

Sample ID: SAMPLE #3 (H403544-03)

TPH 8015M	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	<10.0	10.0	11/19/2014	ND	205	103	200	0.499	
Surrogate: 1-Chlorooctane	117	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	131	% 52.1-17	б						

Sample ID: SAMPLE #4 (H403544-04)

TPH 8015M	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	59.7	10.0	11/19/2014	ND	205	103	200	0.499	
Surrogate: 1-Chlorooctane	116	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	127	% 52.I-17	б						

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

Received:

11/18/2014

Reported:

11/20/2014

Project Name:

WILLIAMS CLEANUP

Project Number:

NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

11/18/2014

Sampling Type:

Soil

Sampling Condition: Sample Received By: ** (See Notes)

Jodi Henson

Sample ID: SAMPLE #5 (H403544-05)

TPH 8015M Analyte	mg/kg		Analyzed By: ms						
	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 %	% 47.2-15	7				<u></u>		
Surrogate: 1-Chlorooctadecane	126 9	% 52.1-17	6						

Sample ID: SAMPLE #6 (H403544-06)

TPH 8015M	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	20.7	10.0	11/19/2014	ND	205	103	200	0.499	
Surrogate: 1-Chlorooctane	119	% 47.2-15	7					<u> </u>	
Surrogate: 1-Chlorooctadecane	132	% 52. <i>I-17</i>	6						

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Clay Ditters

Celey D. Keene, Lab Director/Quality Manager





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

Received:

11/18/2014

Reported:

11/20/2014

Project Name:

WILLIAMS CLEANUP

Project Number: Project Location: NONE GIVEN LEA COUNTY, NM

Sampling Date:

11/18/2014

Sampling Type: Sampling Condition:

Soil

Sample Received By:

** (See Notes) Jodi Henson

Sample ID: SAMPLE #7 (H403544-07)

TPH 8015M	mg/kg		Analyzed By: ms				<u> </u>		
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	18.5	10.0	11/19/2014	ND	205	103	200	0.499	
Surrogate: 1-Chlorooctane	119	% 47.2-15	7		,			· · · · · · · · · · · · · · · · · · ·	

Surrogate: I-Chlorooctadecane 132 % 52, I-176

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alex Stems



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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Clay D. Kenne





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 accred 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.

Celeg B Keene

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,

Celey D. Keene

Lab Director/Quality Manager