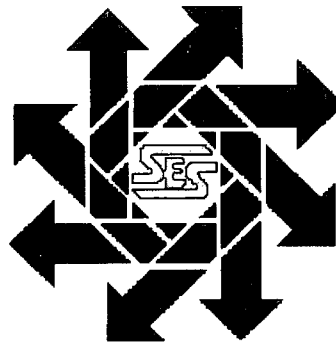


Holly Energy Partners Mimosa Gathering Line Closure Report

Eddy County, New Mexico

July 24, 2013



Prepared for:

**Holly Energy Partners
P.O. Box 1260
Artesia, New Mexico 88211**

By:

**Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, New Mexico 88240
(575) 397-0510**

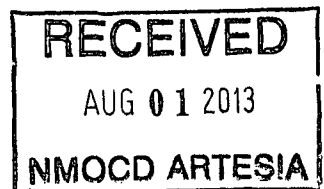


TABLE OF CONTENTS

I. COMPANY CONTACTS	3
II. BACKGROUND	3
III. SURFACE AND GROUND WATER.....	3
IV. CHARACTERIZATION	3
V. WORK PERFORMED	4
VI. CONCLUSION	5
VII. FIGURES & APPENDICES	5
Figure 1 – Vicinity Map	6
Figure 2 – Site Plan	4
Appendix A – Analytical Results	6
Appendix B – Site Photographs	53
Appendix C – C-141	8

I. Company Contacts

Representative	Company	Telephone	E-mail
Bill Green	Holly Energy Partners	575-748-8968	bill.green@hollyenergy.com
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

II. Background

Safety and Environmental Solutions, Inc. (SESI) was contracted by Holly Energy Partners (HEP) to perform site assessment of a release area at the Mimosa Gathering Line located in Section 30 of Township 17 South, Range 29 East, Eddy County, New Mexico.

The New Mexico Oil Conservation Division (OCD) C-141 was filed on April 19, 2012. The cause of the release was listed as corrosion. Pumping sources were immediately shutdown and the flow path was diked. Impacted soils at the source were excavated and placed on plastic to allow repairs to the line. The flow path is located in the Arco Road south ditch. Clean-up crews were dispatched and free product was removed. Approximately 12.5 barrels of crude oil was released in which 10 barrels were recovered.

III. Surface and Ground Water

The nearest groundwater record is listed with the United States Geological Survey (USGS) is in Section 22 Range 28 East and Township 17 South, which is located 2.8 miles northwest of the site. The depth to groundwater was reported at 79 feet in February 1999. The New Mexico Office of the State Engineer did not have records of any groundwater withdrawals in the nine contiguous sections centered on Section 30.

During a meeting with the local OCD representative discussed personal knowledge of the last depth to water (DTW) measurement of an unmapped nearby well that was around 90' BGS. The surface relief of the site to the water well is in excess of 100'. This indicates the DTW at the subject site to be well over the 100' BGS.

IV. Characterization

The target cleanup levels are determined using the *Guidelines for Remediation of Leaks, Spills and Releases* published by the OCD (August 13, 1993). Based on the ranking criteria presented below, the applicable Recommended Remediation Action Levels (RRAL) are 10 parts per million (ppm) benzene, 50 ppm combined benzene, toluene, ethylbenzene, and total xylenes (BTEX), and 5,000 ppm total petroleum hydrocarbons (TPH).

Depth to Ground Water:			
(Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet	20 points	
	50 feet to 99 feet	10 points	
	>100 feet	0 points	X
Wellhead Protection Area:			
(Less than 200 feet from a private domestic water source; or less than 1000 feet from all other water sources)	Yes	20 points	
	No	0 points	X

Distance to Surface Water:			
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet	20 points	
	200 feet to 1000 feet	10 points	
	>1000 feet	0 points	X
RANKING SCORE (TOTAL POINTS)			0

V. Work Performed

On April 20, 2012, the site was mapped and photographed. An excavation approximately 6 feet in depth was observed where the release had occurred. The spoils of the excavation had been stockpiled on plastic next to the excavation.

On April 26, 2012, the bottom of the excavation and the spoils pile were sampled. The results of the analyses indicate that the levels of TPH and benzene in the bottom of the excavation required additional soil excavation.

April 26, 2013 Sample ID	TPH 8015M (mg/kg)			Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)
	GRO C ₆ -C ₁₀	DRO >C ₁₀ -C ₂₈	DRO Ext >C ₂₈ -C ₃₅				
Bottom of Excavation	17200	18900	2340	351	933	450	647
Spoils Composite	12700	27300	3620	107	484	334	518

On June 14, 2012, Atkins Engineering Associates advanced two boreholes near the release. Borehole #1 was advanced to a depth of 15' and Borehole #2 to a depth of 20'. Samples were retrieved at 5 ft. intervals. Vertical extent of soil impacts was delineated at a depth of 10 to 15 feet, and all values are below 5,000 ppm TPH.

June 14, 2013 Sample ID	TPH 8015M (mg/kg)		Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)
	GRO C ₆ -C ₁₀	DRO >C ₁₀ -C ₂₈				
BH #1	<10.0	41.0	<0.050	<0.050	<0.050	<0.150
BH # 1 -15'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150
BH # 2 -10'	<10.0	220	<0.050	<0.050	0.129	0.351
BH # 2 -15'	<10.0	16.1	<0.050	<0.050	<0.050	<0.150
BH # 2 -20'	<10.0	27.4	<0.050	<0.050	<0.050	<0.150

On January 14, 2013, the site excavation was expanded until all the east and south walls and bottom of the excavation were at depths corresponding to a depth below the target level of 5,000 ppm TPH. Excavation to the north was ceased once the side of the adjacent lease road was reached. The results of the analysis are as follows:

January 14, 2013 Sample ID	TPH 8015M (mg/kg)		Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- benzene (mg/kg)	Total Xylenes (mg/kg)	BTEX (mg/kg)
	GRO C ₆ -C ₁₀	DRO >C ₁₀ -C ₂₈					
South Wall	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
East Wall	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
Bottom Hole	<10.0	53.4	<0.050	<0.050	<0.050	<0.150	<0.300

Mr. Mike Bratcher, New Mexico Oil Conservation Division,(NMOCD) agreed the impacted soil had been delineated and removed, and approved the excavation for backfilling. The excavation was backfilled with 160 cubic yards of soil and returned to normal grade.

Excavated soils were disposed at R360 Landfill, an NMOCD approved facility on July 8 and 9, 2013. (Appendix A)

VI. Conclusion

Remedial actions at this site have all been performed with the approval of, and in accordance with NMOCD requirements. SESI, on behalf of HEP, respectfully submits this closure report for your consideration and approval.

VII. Figures & Appendices

Figure 1 – Vicinity Map

Figure 2 – Site Plan

Appendix A – Analytical Results

Appendix B – Site Photographs

Appendix C – C-141

Figure 1

Vicinity Map

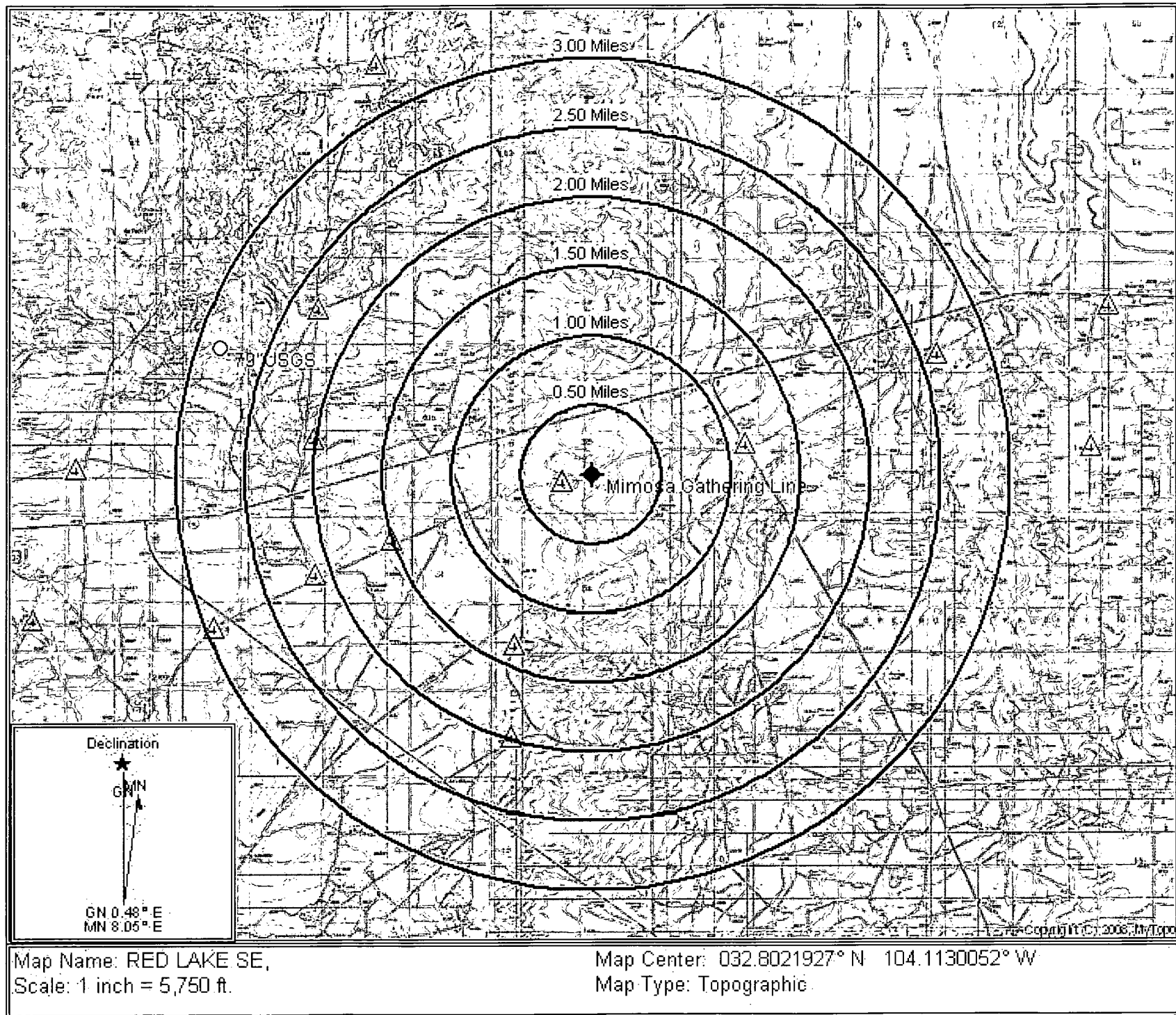


Figure 2
Site Plan

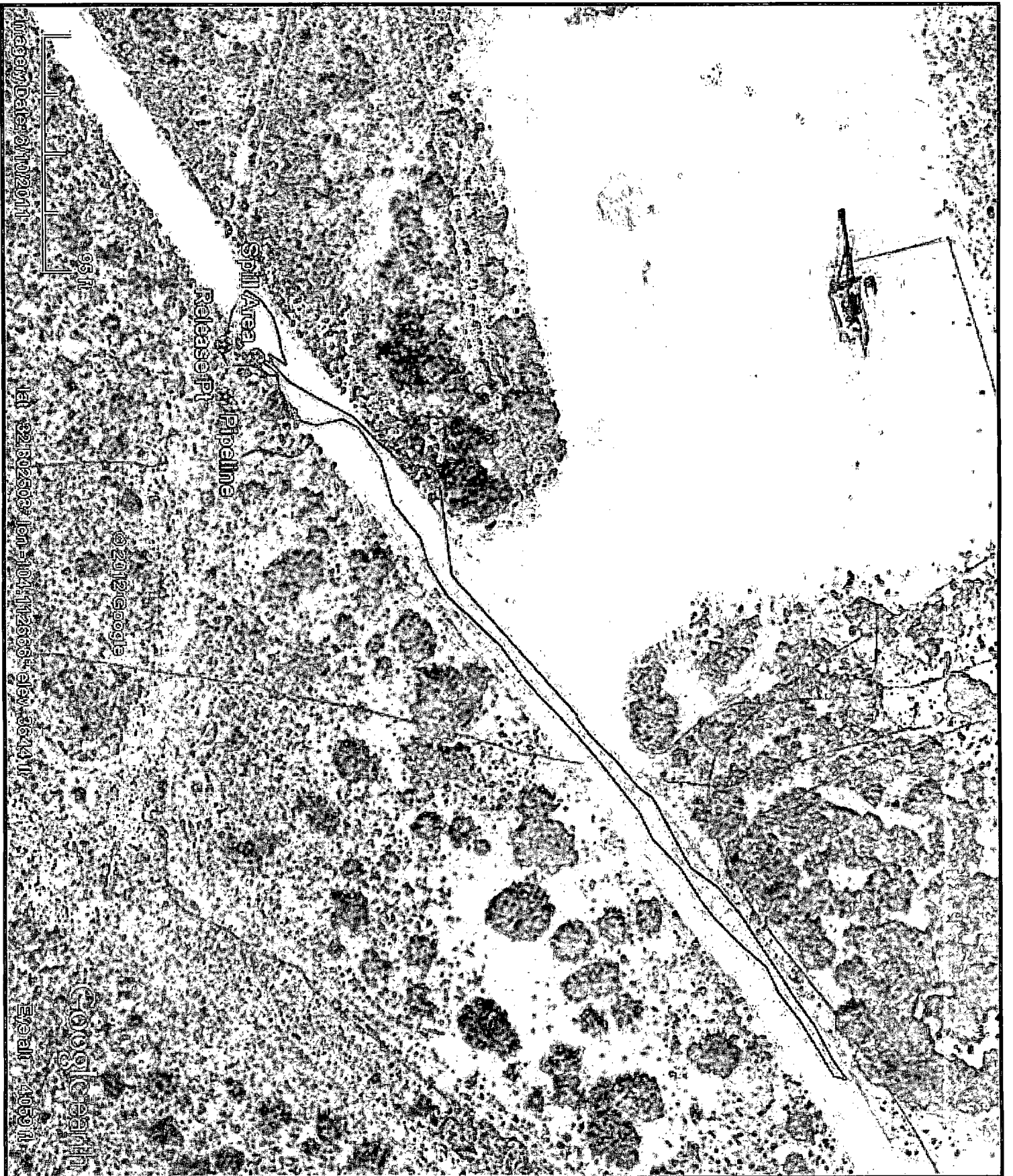


Image Date: 8/10/2011

95 ft

Spill Area
Pipeline
Release Pt

© 2012 Google

Lat: 32.1802803° Lon: -104.1112686° Elev: 3644 ft

Google Earth

Elev: 4059 ft

Appendix A

Analytical Results



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

April 30, 2012

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: MIMOSA

Enclosed are the results of analyses for samples received by the laboratory on 04/26/12 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accredited 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,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive style with a large, stylized "C" at the beginning.

Coley D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240.
Fax To: (575) 393-4388

Received: 04/26/2012
Reported: 04/30/2012
Project Name: MIMOSA
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/26/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BOTTOM OF EXCAVATION (H200964-01)

BTX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	351	5.00	04/27/2012	ND	2.05	103	2.00	2.17	
Toluene*	933	5.00	04/27/2012	ND	2.16	108	2.00	2.29	
Ethylbenzene*	450	5.00	04/27/2012	ND	2.16	108	2.00	2.00	
Total Xylenes*	647	15.0	04/27/2012	ND	6.69	111	6.00	2.48	

Surrogate: 4-Bromofluorobenzene (PIL) 127 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	17200	100	04/28/2012	ND	180	90.1	200	0.230		
DRO >C10-C28	18900	100	04/28/2012	ND	184	91.9	200	1.50		
EXT DRO >C28-C35	2340	100	04/28/2012	ND						

Surrogate: 1-Chlorooctane 240 % 55.5-154

Surrogate: 1-Chlorooctadecane 235 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received: 04/26/2012
Reported: 04/30/2012
Project Name: MIMOSA
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/26/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SPOILS COMPOSITE (H200964-02)

BTX 8021B		mg/kg	Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	107	5.00	04/30/2012	ND	2.05	103	2.00	2.17	
Toluene*	484	5.00	04/30/2012	ND	2.16	108	2.00	2.29	
Ethylbenzene*	334	5.00	04/30/2012	ND	2.16	108	2.00	2.00	
Total Xylenes*	518	15.0	04/30/2012	ND	6.69	111	6.00	2.48	

Surrogate: 4-Bromofluorobenzene (PIL) 131 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	12700	100	04/28/2012	ND	180	90.1	200	0.230	
DRO >C10-C28	27300	100	04/28/2012	ND	184	91.9	200	1.50	
EXT DRO >C28-C35	3620	100	04/28/2012	ND					

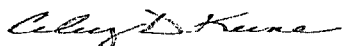
Surrogate: 1-Chlorooctane 266 % 55.5-154

Surrogate: 1-Chlorooctadecane 282 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

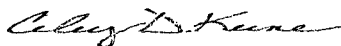
Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- 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

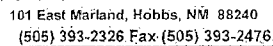
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Celey D. Keene, Lab Director/Quality Manager

Page of

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

June 21, 2012

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: HOL-12-009

Enclosed are the results of analyses for samples received by the laboratory on 06/14/12 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accredited 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,

Geley D. Keene

Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	06/14/2012	Sampling Date:	06/14/2012
Reported:	06/21/2012	Sampling Type:	Soil
Project Name:	HOL-12-009	Sampling Condition:	Cool & Intact
Project Number:	MIMOSA GATHERING LINE	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NM		

Sample ID: BH #1 - 10' (H201353-01)

BTX 8021B		mg/kg		Analyzed By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2012	ND	1.93	96.5	2.00	7.45	
Toluene*	<0.050	0.050	06/18/2012	ND	1.94	97.1	2.00	6.42	
Ethylbenzene*	<0.050	0.050	06/18/2012	ND	1.96	98.2	2.00	6.95	
Total Xylenes*	<0.150	0.150	06/18/2012	ND	5.91	98.6	6.00	6.73	

Surrogate: 4-Bromofluorobenzene (PIC) 113 % 89.4-126

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	06/18/2012	ND	180	89.9	200	3.86	
DRO >C10-C28	41.0	10.0	06/18/2012	ND	183	91.3	200	7.90	

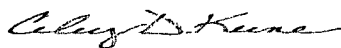
Surrogate: 1-Chlorooctane 86.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.9 % 63.6-154

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Celestine D. Keene, Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received: 06/14/2012
Reported: 06/21/2012
Project Name: HOL-12-009
Project Number: MIMOSA GATHERING LINE
Project Location: LOCO HILLS, NM

Sampling Date: 06/14/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BH #1 - 15' (H201353-02)

BTX 8021B		mg/kg		Analyzed By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2012	ND	2.01	100	2.00	5.58	
Toluene*	<0.050	0.050	06/20/2012	ND	2.01	100	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/20/2012	ND	2.04	102	2.00	5.76	
Total Xylenes*	<0.150	0.150	06/20/2012	ND	6.14	102	6.00	5.84	

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 89.4-126

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	06/18/2012	ND	180	89.9	200	3.86	
DRO >C10-C28	<10.0	10.0	06/18/2012	ND	183	91.3	200	7.90	

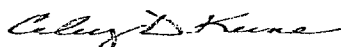
Surrogate: 1-Chlorooctane 77.8 % 63.2-140

Surrogate: 1-Chlorooctadecane 93.6 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240.
Fax To: (575) 393-4388

Received: 06/14/2012
Reported: 06/21/2012
Project Name: HOL-12-009
Project Number: MIMOSA GATHERING LINE
Project Location: LOCO HILLS, NM

Sampling Date: 06/14/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BH #2 - 10' (H201353-03)

BTEX 8021B		mg/kg		Analyzed By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2012	ND	2.01	100	2.00	5.58	
Toluene*	<0.050	0.050	06/20/2012	ND	2.01	100	2.00	5.58	
Ethylbenzene*	0.129	0.050	06/20/2012	ND	2.04	102	2.00	5.76	
Total Xylenes*	0.351	0.150	06/20/2012	ND	6.14	102	6.00	5.84	

Surrogate: 4-Bromofluorobenzene (PIL) 113 % 89.4-126

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	06/18/2012	ND	180	89.9	200	3.86	
DRO >C10-C28	220	10.0	06/18/2012	ND	183	91.3	200	7.90	

Surrogate: 1-Chlorooctane 90.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 109 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240.
Fax To: (575) 393-4388

Received: 06/14/2012
Reported: 06/21/2012
Project Name: HOL-12-009
Project Number: MIMOSA GATHERING LINE
Project Location: LOCO HILLS, NM

Sampling Date: 06/14/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BH #2 - 15' (H201353-04)

BTX 8021B		mg/kg		Analyzed By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2012	ND	2.01	100	2.00	5.58	
Toluene*	<0.050	0.050	06/20/2012	ND	2.01	100	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/20/2012	ND	2.04	102	2.00	5.76	
Total Xylenes*	<0.150	0.150	06/20/2012	ND	6.14	102	6.00	5.84	

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 89.4-126

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	06/18/2012	ND	180	89.9	200	3.86	
DRO >C10-C28	16.1	10.0	06/18/2012	ND	183	91.3	200	7.90	

Surrogate: 1-Chlorooctane 86.3 % 63.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received: 06/14/2012
Reported: 06/21/2012
Project Name: HOL-12-009
Project Number: MIMOSA GATHERING LINE
Project Location: LOCO HILLS, NM

Sampling Date: 06/14/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BH #2 - 20' (H201353-05)

BTX 8021B		mg/kg		Analyzed By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2012	ND	2.01	100	2.00	5.58	
Toluene*	<0.050	0.050	06/20/2012	ND	2.01	100	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/20/2012	ND	2.04	102	2.00	5.76	
Total Xylenes*	<0.150	0.150	06/20/2012	ND	6.14	102	6.00	5.84	

Surrogate: 4-Bromofluorobenzene (PID) 107 % 89.4-126

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	06/18/2012	ND	180	89.9	200	3.86	
DRO >C10-C28	27.4	10.0	06/18/2012	ND	183	91.3	200	7.90	

Surrogate: 1-Chlorooctane 91.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 107 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

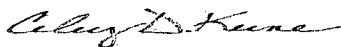
Notes and Definitions

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

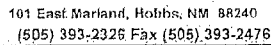
Cardinal Laboratories

*=Accredited Analyte.

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Celey D. Keene, Lab Director/Quality Manager



Page 1 of 1

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PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

January 21, 2013

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: MIMOSA GATHERING LINE

Enclosed are the results of analyses for samples received by the laboratory on 01/15/13 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-1:1-3. 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 accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Halooacetic 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	01/15/2013	Sampling Date:	01/14/2013
Reported:	01/21/2013	Sampling Type:	Soil
Project Name:	MIMOSA GATHERING LINE	Sampling Condition:	Cool & Intact
Project Number:	HOL-12-009	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NM		

Sample ID: SOUTH WALL (H300093-01)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/18/2013	ND	2.31	116	2.00	9.27		
Toluene*	<0.050	0.050	01/18/2013	ND	1.98	98.9	2.00	8.91		
Ethylbenzene*	<0.050	0.050	01/18/2013	ND	2.12	106	2.00	8.90		
Total Xylenes*	<0.150	0.150	01/18/2013	ND	6.51	109	6.00	8.17		
Total BTEX	<0.300	0.300	01/18/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 89.4-126

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	01/16/2013	ND	188	93.8	200	6.01		
DRO >C10-C28	<10.0	10.0	01/16/2013	ND	196	98.2	200	6.49		

Surrogate: 1-Chlorooctane 78.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 84.6 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received: 01/15/2013
Reported: 01/21/2013
Project Name: MIMOSA GATHERING LINE
Project Number: HOL-12-009
Project Location: LOCO HILLS, NM

Sampling Date: 01/14/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: EAST WALL (H300093-02)

BTX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/18/2013	ND	2.31	116	2.00	9.27	
Toluene*	<0.050	0.050	01/18/2013	ND	1.98	98.9	2.00	8.91	
Ethylbenzene*	<0.050	0.050	01/18/2013	ND	2.12	106	2.00	8.90	
Total Xylenes*	<0.150	0.150	01/18/2013	ND	6.51	109	6.00	8.17	
Total BTX	<0.300	0.300	01/18/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 89.4-126

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	01/16/2013	ND	188	93.8	200	6.01	
DRO >C10-C28	<10.0	10.0	01/16/2013	ND	196	98.2	200	6.49	

Surrogate: 1-Chlorooctane 81.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.4 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240.
 Fax To: (575) 393-4388

 Received: 01/15/2013
 Reported: 01/21/2013
 Project Name: MIMOSA GATHERING LINE
 Project Number: HOL-12-009
 Project Location: LOCO HILLS, NM

 Sampling Date: 01/14/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: BOTTOM HOLE (H300093-03)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/18/2013	ND	2.31	116	2.00	9.27	
Toluene*	<0.050	0.050	01/18/2013	ND	1.98	98.9	2.00	8.91	
Ethylbenzene*	<0.050	0.050	01/18/2013	ND	2.12	106	2.00	8.90	
Total Xylenes*	<0.150	0.150	01/18/2013	ND	6.51	109	6.00	8.17	
Total BTEX	<0.300	0.300	01/18/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 89.4-126

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	01/16/2013	ND	188	93.8	200	6.01	
DRO >C10-C28	53.4	10.0	01/16/2013	ND	196	98.2	200	6.49	

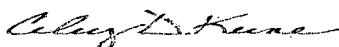
Surrogate: 1-Chlorooctane 79.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 88.4 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager


Notes and Definitions

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



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Company Name: Safety & Environmental Solutions, Inc.		P.O. #:		ANALYSIS REQUEST																	
Project Manager: Bob Allen		Company: Same																			
Address: 703 East Clinton		Altitude:																			
City: Hobbs State: NM Zip: 88240		Address:																			
Phone #: 575-397-0510 Fax #: 575-393-4388		City:																			
Project #: 1401-12-009 Project Owner: Wally		State: Zip:																			
Project Name: VIAMOSA GATHERING LINE		Phone #:																			
Project Location: 6000 Hills, GNDY Co.		Fax #:																			
Sampler Name: 2852-XRM																					
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	MATRIX	PRESERV.	SAMPLING																	
		GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/DRAIN	ICE/COOL	OTHER:	DATE	TIME										
H300093	1 SOUTH WALL	1								01/14	11:50	X	X								
	2 EAST WALL	1								01/14	12:10	X	X								
	3 Bottom Hole	1								01/14	14:20	X	X								
<p><small>PLEASE NOTE: Liability and Damages. Cardinal's liability and coverage is limited to the amount of the contract or test, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other such damages shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. No event shall constitute a basis for liability or consequential damages, including without limitation, business interruption, loss of data, or loss of profits, incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services rendered by Cardinal, its subsidiaries or affiliates. Client shall be bound upon any of the above stated conditions of liability.</small></p>																					
Sampler Relinquished:		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:															
Date: 01/15/13		Signature: Wally Jensen		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:															
Time: 0800		Received By:		REMARKS: 2852 @ 5651 - new - COW																	
Relinquished By:																					
Delivered By: (Circle One)		Temp.		Sample Condition		CHECKED BY:															
Sampler - UPS - Bus - Other:		4.5C		Yes <input type="checkbox"/> No <input type="checkbox"/>		GA															

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

#26



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

January 23, 2013

Bob Allen
Safety & Environmental Solutions
703 East Clinton
Hobbs, NM 88240

RE: MIMOSA GATHERING LINE

Enclosed are the results of analyses for samples received by the laboratory on 01/17/13 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accredited 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,

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	01/17/2013	Sampling Date:	01/16/2013
Reported:	01/23/2013	Sampling Type:	Soil
Project Name:	MIMOSA GATHERING LINE	Sampling Condition:	Cool & Intact
Project Number:	HOL-12-009	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NM		

Sample ID: C-1 STOCKPILE (H300118-01)

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	21.1	1.00	01/23/2013	ND	1.93	96.5	2.00	15.1	
Toluene*	183	1.00	01/23/2013	ND	1.90	95.2	2.00	14.9	
Ethylbenzene*	137	1.00	01/23/2013	ND	1.93	96.3	2.00	15.5	
Total Xylenes*	194	3.00	01/23/2013	ND	5.87	97.8	6.00	15.3	
Total BTEX	534	6.00	01/23/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 159 % 89.4-126

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

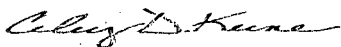
Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

Cardinal Laboratories

*=Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager

[illegible]



*Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com*

June 14, 2013

Dave Boyer
Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241
TEL: (575) 390-7067
FAX (575) 393-4388

RE: Holly Mimosa Gathering Line

OrderNo.: 1305C07

Dear Dave Boyer:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/31/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1305C07

Date Reported: 6/14/2013

CLIENT: Safety & Environmental Solutions

Client Sample ID: Stock Pile C-2

Project: Holly Mimosa Gathering Line

Collection Date: 5/27/2013 3:15:00 PM

Lab ID: 1305C07-001

Matrix: SOIL

Received Date: 5/31/2013 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.47		mg/Kg	20	6/6/2013 7:16:10 PM	7698
Toluene	5.8	0.95		mg/Kg	20	6/6/2013 7:16:10 PM	7698
Ethylbenzene	9.0	0.95		mg/Kg	20	6/6/2013 7:16:10 PM	7698
Xylenes, Total	16	1.9		mg/Kg	20	6/6/2013 7:16:10 PM	7698
Surr: 4-Bromofluorobenzene	102	80:120		%REC	20	6/6/2013 7:16:10 PM	7698
VOLATILES BY 8260B/1311							Analyst: DAM
Benzene	ND	0.50		mg/L	1	6/12/2013 4:49:48 PM	7826
2-Butanone	ND	10		mg/L	1	6/12/2013 4:49:48 PM	7826
Carbon Tetrachloride	ND	0.50		mg/L	1	6/12/2013 4:49:48 PM	7826
Chlorobenzene	ND	100		mg/L	1	6/12/2013 4:49:48 PM	7826
Chloroform	ND	6.0		mg/L	1	6/12/2013 4:49:48 PM	7826
1,4-Dichlorobenzene	ND	7.5		mg/L	1	6/12/2013 4:49:48 PM	7826
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	6/12/2013 4:49:48 PM	7826
1,1-Dichloroethene	ND	0.70		mg/L	1	6/12/2013 4:49:48 PM	7826
Hexachlorobutadiene	ND	0.50		mg/L	1	6/12/2013 4:49:48 PM	7826
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	6/12/2013 4:49:48 PM	7826
Trichloroethene (TCE)	ND	0.50		mg/L	1	6/12/2013 4:49:48 PM	7826
Vinyl chloride	ND	0.20		mg/L	1	6/12/2013 4:49:48 PM	7826
Surr: 1,2-Dichloroethane-d4	82.4	69.9:130		%REC	1	6/12/2013 4:49:48 PM	7826
Surr: 4-Bromofluorobenzene	98.1	71.2:123		%REC	1	6/12/2013 4:49:48 PM	7826
Surr: Dibromofluoromethane	87.4	73.9:134		%REC	1	6/12/2013 4:49:48 PM	7826
Surr: Toluene-d8	93.0	81.9:122		%REC	1	6/12/2013 4:49:48 PM	7826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSD limit	P Sample pH greater than 2 for VOA and TOC only
	R RPD outside accepted recovery limits	RL Reporting Detection Limit

Page 1 of 3



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

June 11, 2013

Date Received : June 08, 2013
Description :
Sample ID : 1305C07-001B STOCK PILE C-2
Collected By :
Collection Date : 05/27/13 15:15

ESC Sample # : L640132-01

Site ID. :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Corrosivity	Non-Corrosive			9045D	06/10/13	1
Ignitability	See Footnote		Deg. F	D93/1010A	06/10/13	1
Reactive: CN (SW846 7.3.3.2)	BDL	0.125	mg/kg	9012B	06/10/13	1
Reactive: Sulf. (SW846 7.3.4.1)	BDL	25.	mg/kg	9034/9030B	06/10/13	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/11/13 17:14 Printed: 06/11/13 17:14

L640132-01 (IGNITABILITY) - did not ignite @ 170f



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

YOUR LAB OF CHOICE

Hall Environmental Analysis Laboratory
Anne Thorne
4901 Hawkins NE

**Quality Assurance Report
Level II**

Albuquerque, NM 87109

June 11, 2013

L640132

Analyte	Result	Laboratory Blank Units	% Rec	Limit	Batch	Date Analyzed
Reactive CN (SW846 7.3.3.2)	< 125	mg/kg			WG665529	06/10/13 15:34
Reactive Sulf. (SW846 7.3.4.1)	< 25	mg/kg			WG665510	06/10/13 14:00

Analyte	Units	Result	Duplicate Duplicate	RPD	Limit	Ref Samp	Batch
Corrosivity		0	0	0	10	L639361-01	WG665529
Reactive CN (SW846 7.3.3.2)	mg/kg	0	0	0	20	L639361-01	WG665632
Reactive CN (SW846 7.3.3.2)	mg/kg	0	0	0	20	L640123-01	WG665632
Reactive Sulf. (SW846 7.3.4.1)	mg/kg	0	0	0	20	L639361-01	WG665510
Reactive Sulf. (SW846 7.3.4.1)	mg/kg	0	0	0	20	L640123-01	WG665510
Ignitability	Deg. F	0	0	0	10	L640132-01	WG665736

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Corrosivity		5.79	5.80	100	98.3-101.7	WG665529
Reactive Sulf. (SW846 7.3.4.1)	mg/kg	100	80.0	80.0	70-130	WG665510
Ignitability	Deg. F	82	83.0	101	93-107	WG665736

Analyte	Units	Laboratory Control Sample Duplicate Result Ref	% Rec	Limit	RPD	Limit	Batch
Corrosivity		5.80 5.80	100	98.3-101.7	0	10	WG665529
Reactive Sulf. (SW846 7.3.4.1)	mg/kg	75.0 80.0	75.0	70-130	6.45	20	WG665510
Ignitability	Deg. F	82.0 83.0	100	93-107	1.21	20	WG665736

Batch number / Run number / Sample number cross reference

WG665529: R2701400: L640132-01
WG665632: R2701560: L640132-01
WG665510: R2701600: L640132-01
WG665736: R2703422: L640132-01

* * Calculations are performed prior to rounding of reported values.

* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A: List of Analytes with QC Qualifiers.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1305C07

14-Jun-13

Client: Safety & Environmental Solutions

Project: Holly Mimosa Gathering Line

Sample ID: MB-7698	Sample Type: MBLK	Test Code: EPA Method 8021B: Volatiles
Client ID: PBS	Batch ID: 7698	Run No: 11056
Prep Date: 5/31/2013	Analysis Date: 6/4/2013	Seq No: 313337 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	%RPD	RPD Limit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		88.9	80	120			

Sample ID: LCS-7698	Sample Type: LCS	Test Code: EPA Method 8021B: Volatiles
Client ID: LCSS	Batch ID: 7698	Run No: 11056
Prep Date: 5/31/2013	Analysis Date: 6/4/2013	Seq No: 313338 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	%RPD	RPD Limit	Qual
Benzene	0.87	0.050	1.000	0	86.8	80	120			
Toluene	0.86	0.050	1.000	0	85.6	80	120			
Ethylbenzene	0.86	0.050	1.000	0	85.6	80	120			
Xylenes, Total	2.6	0.10	3.000	0	86.7	80	120			
Surr: 4-Bromofluorobenzene	0.88		1.000		88.1	80	120			

Sample ID: 1305C03-001AMS	Sample Type: MS	Test Code: EPA Method 8021B: Volatiles
Client ID: BatchQC	Batch ID: 7698	Run No: 11056
Prep Date: 5/31/2013	Analysis Date: 6/4/2013	Seq No: 313340 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	%RPD	RPD Limit	Qual
Benzene	0.77	0.046	0.9259	0.01403	81.4	67.2	113			
Toluene	0.77	0.046	0.9259	0.01235	81.4	62.1	116			
Ethylbenzene	0.78	0.046	0.9259	0.01590	82.8	67.9	127			
Xylenes, Total	2.4	0.093	2.778	0.02460	84.8	60.6	134			
Surr: 4-Bromofluorobenzene	0.85		0.9259		91.8	80	120			

Sample ID: 1305C03-001AMSD	Sample Type: MSD	Test Code: EPA Method 8021B: Volatiles
Client ID: BatchQC	Batch ID: 7698	Run No: 11056
Prep Date: 5/31/2013	Analysis Date: 6/4/2013	Seq No: 313341 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	%RPD	RPD Limit	Qual
Benzene	0.76	0.046	0.9259	0.01403	80.7	67.2	113	0.775	14.3	
Toluene	0.76	0.046	0.9259	0.01235	80.8	62.1	116	0.764	15.9	
Ethylbenzene	0.77	0.046	0.9259	0.01590	81.4	67.9	127	1.67	14.4	
Xylenes, Total	2.3	0.093	2.778	0.02460	83.6	60.6	134	1.47	12.6	
Surr: 4-Bromofluorobenzene	0.84		0.9259		90.8	80	120	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level

E Value above quantitation range

J Analyte detected below quantitation limits

O RSD is greater than RSD limit

R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

P Sample pH greater than 2 for VOA and TOC only

RL Reporting Detection Limit

Page 2 of 3

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1305C07

14-Jun-13

Client: Safety & Environmental Solutions

Project: Holly/Mimosa Gathering Line

Sample ID: mb-7826	SampType: MBLK		TestCode: Volatiles by 8260B/1311							
Client ID: PBS	Batch ID: 7826		RunNo: 11268							
Prep Date: 6/10/2013	Analysis Date: 6/12/2013		SeqNo: 318330		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.50								
2-Butanone	ND	10								
Carbon Tetrachloride	ND	0.50								
Chlorobenzene	ND	100								
Chloroform	ND	6.0								
1,4-Dichlorobenzene	ND	7.5								
1,2-Dichloroethane (EDC)	ND	0.50								
1,1-Dichloroethene	ND	0.70								
Hexachlorobutadiene	ND	0.50								
Tetrachloroethene (PCE)	ND	0.70								
Trichloroethene (TCE)	ND	0.50								
Vinyl chloride	ND	0.20								
Surr: 1,2-Dichloroethane-d4	0.17		0.2000		83.6	69.9	130			
Surr: 4-Bromofluorobenzene	0.20		0.2000		101	71.2	123			
Surr: Dibromofluoromethane	0.17		0.2000		87.0	73.9	134			
Surr: Toluene-d8	0.19		0.2000		95.5	81.9	122			

Sample ID: lcs-7826	SampType: LCS	TestCode: Volatiles by 8260B/1311								
Client ID: LCSS	Batch ID: 7826	RunNo: 11268								
Prep Date: 6/10/2013	Analysis Date: 6/12/2013	SeqNo: 318331 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.40	0.20	0.4000	0	99.7	51.1	171			
Chlorobenzene	0.41	0.20	0.4000	0	102	36.1	191			
1,1-Dichloroethene	0.40	0.20	0.4000	0	98.8	49.1	162			
Trichloroethene (TCE)	0.38	0.20	0.4000	0	95.8	41.2	166			
Surr: 1,2-Dichloroethane-d4	0.18		0.2000		88.7	69.9	130			
Surr: 4-Bromofluorobenzene	0.19		0.2000		93.1	71.2	123			
Surr: Dibromofluoromethane	0.18		0.2000		92.2	73.9	134			
Surr: Toluene-d8	0.19		0.2000		95.6	81.9	122			

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSD limit
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only
- RL Reporting Detection Limit



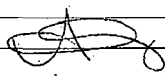
Hall Environmental Analysis Laboratory
4901 Hawkins NE.
Albuquerque, NM 87105
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Safety Env Solutions

Work Order Number: 1305C07

RcptNo: 1

Received by/date:		05/31/2013
Logged By:	Ashley Gallegos	5/31/2013 9:55:00 AM
Completed By:	Ashley Gallegos	5/31/2013 12:12:48 PM
Reviewed By:	I.O.	05/31/2013

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? FedEx

Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☒ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
9. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
10. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

17. Additional remarks:

18. Cooler Information

Cooler No.	Temp °C	Condition	Seal Intact	Seal No.	Seal Date	Signed By
1	5.1	Good	Yes			

Chain-of-Custody Record

Client: Society & Environmental
Solution

Mailing Address: 703 E CLINTON
TODD'S N.M. 88240

Phone #: 575-397-0570

email: or Fax#:

QA/QC Package:

☒ Standard ☐ Level 4 (Full-Validation)

Accreditation

☐ NELÄP ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ **Standard** ☐ **Rush**

Project Name: Holly
MIMOSA GATHERING LINE

Project #: 1406-12-009

Project Manager:

Allen, Bob

Sampler: Sose Jerry

On Ice: ☒ Yes ☐ No

Sample Temperature

Container Type and #	Description	Remarks

Preservative
Type

HEALING

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109


Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

	BTEX + MTBE + TMB's (8021)
	BTEX + MTBE + TPH (Gas only)
	TPH 8015B (GRO / DRO / MRO)
	TPH (Method 418.1)
	EDB (Method 504.1)
	PAH's (8310 or 8270 SIMS)
	RCRA 8 Metals
	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)
	8081 Pesticides / 8082 PCB's
	8260B (VOA)
	8270 (Semi-VOA)
X	BTEX
	Air Bubbles (Y or N)

Date:	Time:	Relinquished by:
05/29/83	1400	[Signature]

Date: Time: Relinquished by:

Received by:  Date: 05/3/3 Time: 10:09:55

Received by: _____ Date: _____ Time: _____

Remarks: Hold Sample for possible TELP. Call with 1st. Results or send results for Bob add TELP violation KCI of 6/7



*Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com*

June 21, 2013

Dave Boyer
Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241
TEL: (575) 390-7067
FAX (575) 393-4388

RE: Holly Mimosa Gathering Line

OrderNo.: 1305C07

Dear Dave Boyer:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/31/2013 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued June 14, 2013.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1305C07

Date Reported: 6/21/2013

CLIENT: Safety & Environmental Solutions

Client Sample ID: StockPile.C-2

Project: Holly Mimosa Gathering Line

Collection Date: 5/27/2013 3:15:00 PM

Lab ID: 1305C07-001

Matrix: SOIL

Received Date: 5/31/2013 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.47		mg/Kg	20	6/6/2013 7:16:10 PM	7698
Toluene	5.8	0.95		mg/Kg	20	6/6/2013 7:16:10 PM	7698
Ethylbenzene	9.0	0.95		mg/Kg	20	6/6/2013 7:16:10 PM	7698
Xylenes, Total	16	1.9		mg/Kg	20	6/6/2013 7:16:10 PM	7698
Surr: 4-Bromofluorobenzene	102	80-120		%REC	20	6/6/2013 7:16:10 PM	7698
MERCURY, TCLP							Analyst: IDC
Mercury	ND	0.020		mg/L	1	6/19/2013 12:33:43 PM	7994
EPA METHOD 6010B: TCLP METALS							Analyst: JLF
Arsenic	ND	5.0		mg/L	1	6/19/2013 3:45:37 PM	8003
Barium	ND	100		mg/L	1	6/19/2013 2:38:47 PM	8003
Cadmium	ND	1.0		mg/L	1	6/19/2013 2:38:47 PM	8003
Chromium	ND	5.0		mg/L	1	6/19/2013 2:38:47 PM	8003
Lead	ND	5.0		mg/L	1	6/19/2013 2:38:47 PM	8003
Selenium	ND	1.0		mg/L	1	6/19/2013 3:45:37 PM	8003
Silver	ND	5.0		mg/L	1	6/19/2013 2:38:47 PM	8003
EPA METHOD 8270C: TCLP							Analyst: JDC
2-Methylphenol	ND	200	H	mg/L	1	6/19/2013 8:47:04 PM	8000
3+4-Methylphenol	ND	200	H	mg/L	1	6/19/2013 8:47:04 PM	8000
Phenol	ND	200	H	mg/L	1	6/19/2013 8:47:04 PM	8000
2,4-Dinitrotoluene	ND	0.13	H	mg/L	1	6/19/2013 8:47:04 PM	8000
Hexachlorobenzene	ND	0.13	H	mg/L	1	6/19/2013 8:47:04 PM	8000
Hexachlorobutadiene	ND	0.50	H	mg/L	1	6/19/2013 8:47:04 PM	8000
Hexachloroethane	ND	3.0	H	mg/L	1	6/19/2013 8:47:04 PM	8000
Nitrobenzene	ND	2.0	H	mg/L	1	6/19/2013 8:47:04 PM	8000
Pentachlorophenol	ND	100	H	mg/L	1	6/19/2013 8:47:04 PM	8000
Pyridine	ND	5.0	H	mg/L	1	6/19/2013 8:47:04 PM	8000
2,4,5-Trichlorophenol	ND	400	H	mg/L	1	6/19/2013 8:47:04 PM	8000
2,4,6-Trichlorophenol	ND	2.0	H	mg/L	1	6/19/2013 8:47:04 PM	8000
Cresols, Total	ND	200	H	mg/L	1	6/19/2013 8:47:04 PM	8000
Surr: 2,4,6-Tribromophenol	74.0	18.7-148	H	%REC	1	6/19/2013 8:47:04 PM	8000
Surr: 2-Fluorobiphenyl	64.6	53.8-117	H	%REC	1	6/19/2013 8:47:04 PM	8000
Surr: 2-Fluorophenol	55.4	10.5-106	H	%REC	1	6/19/2013 8:47:04 PM	8000
Surr: 4-Terphenyl-d14	65.1	43.8-108	H	%REC	1	6/19/2013 8:47:04 PM	8000
Surr: Nitrobenzene-d5	75.6	36.7-128	H	%REC	1	6/19/2013 8:47:04 PM	8000
Surr: Phenol-d5	45.3	18-70.1	H	%REC	1	6/19/2013 8:47:04 PM	8000
VOLATILES BY 8260B/1311							Analyst: DAM
Benzene	ND	0.50		mg/L	1	6/12/2013 4:49:48 PM	7826
2-Butanone	ND	10		mg/L	1	6/12/2013 4:49:48 PM	7826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSD limit	P Sample pH greater than 2 for VOA and TOC only.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit

Analytical Report

Lab Order 1305C07

Date Reported: 6/21/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: Stock-Pile-C-2

Project: Holly-Mimosa-Gathering Line

Collection Date: 5/27/2013 3:15:00 PM

Lab ID: 1305C07-001

Matrix: SOIL

Received Date: 5/31/2013 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
VOLATILES BY 8260B/1311							Analyst: DAM
Carbon Tetrachloride	ND	0.50		mg/L	1	6/12/2013 4:49:48 PM	7826
Chlorobenzene	ND	100		mg/L	1	6/12/2013 4:49:48 PM	7826
Chloroform	ND	6.0		mg/L	1	6/12/2013 4:49:48 PM	7826
1,4-Dichlorobenzene	ND	7.5		mg/L	1	6/12/2013 4:49:48 PM	7826
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	6/12/2013 4:49:48 PM	7826
1,1-Dichloroethene	ND	0.70		mg/L	1	6/12/2013 4:49:48 PM	7826
Hexachlorobutadiene	ND	0.50		mg/L	1	6/12/2013 4:49:48 PM	7826
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	6/12/2013 4:49:48 PM	7826
Trichloroethene (TCE)	ND	0.50		mg/L	1	6/12/2013 4:49:48 PM	7826
Vinyl chloride	ND	0.20		mg/L	1	6/12/2013 4:49:48 PM	7826
Surr: 1,2-Dichloroethane-d4	82.4	69.9-130		%REC	1	6/12/2013 4:49:48 PM	7826
Surr: 4-Bromofluorobenzene	98.1	71.2-123		%REC	1	6/12/2013 4:49:48 PM	7826
Surr: Dibromofluoromethane	87.4	73.9-134		%REC	1	6/12/2013 4:49:48 PM	7826
Surr: Toluene-d8	93.0	81.9-122		%REC	1	6/12/2013 4:49:48 PM	7826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSD limit	P Sample pH greater than 2 for VOA and TOC only.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit

Page 2 of 10



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

June 11, 2013

Date Received : June 08, 2013
Description :
Sample ID : 1305C07-001B STOCK PILE C-2
Collected By :
Collection Date : 05/27/13 15:15

ESC Sample # : L640132-01

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Corrosivity	Non-Corrosive			9045D	06/10/13	1
Ignitability	See Footnote		Deg. F	D93/1010A	06/10/13	1
Reactive CN (SW846 7.3.3.2)	BDL	0.125	mg/kg	9012B	06/10/13	1
Reactive Sulf. (SW846 7.3.4.1)	BDL	25	mg/kg	9034/9030B	06/10/13	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/11/13 17:14 Printed: 06/11/13 17:14
L640132-01 (IGNITABILITY) - did not ignite @ 170f



YOUR LAB OF CHOICE

Hall Environmental Analysis Laboratory
Anne Thorne
4901 Hawkins NE

Albuquerque, NM 87109

Quality Assurance Report
Level II

L640132

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

June 11, 2013

Analyte	Result	Laboratory Blank Units % Rec	Limit	Batch	Date Analyzed
Reactive CN (SW846 7.3.3.2)	< 125	mg/kg		WG665632	06/10/13 15:34
Reactive Sulf. (SW846 7.3.4.1)	< 25	mg/kg		WG665510	06/10/13 14:00

Analyte	Units	Result	Duplicate Duplicate	RPD	Limit	Ref Samp	Batch
Corrosivity		0	0	0	10	L639361-01	WG665529
Reactive CN (SW846 7.3.3.2)	mg/kg	0	0	0	20	L639361-01	WG665632
Reactive CN (SW846 7.3.3.2)	mg/kg	0	0	0	20	L640123-01	WG665632
Reactive Sulf. (SW846 7.3.4.1)	mg/kg	0	0	0	20	L639361-01	WG665510
Reactive Sulf. (SW846 7.3.4.1)	mg/kg	0	0	0	20	L640123-01	WG665510
Ignitability	Deg. F	0	0	0	10	L640132-01	WG665736

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Corrosivity		5.79	5.80	100	98.3-101.7	WG665529
Reactive Sulf. (SW846 7.3.4.1)	mg/kg	100	80.0	80.0	70-130	WG665510
Ignitability	Deg. F	82	83.0	101	93-107	WG665736

Analyte	Units	Laboratory Control Sample Duplicate Result Ref % Rec	Limit	RPD	Limit	Batch
Corrosivity		5.80 5.80 100	98.3-101.7	0	10	WG665529
Reactive Sulf. (SW846 7.3.4.1)	mg/kg	75.0 80.0 75.0	70-130	6.45	20	WG665510
Ignitability	Deg. F	82.0 83.0 100	93-107	1.21	20	WG665736

Batch number /Run number / Sample number cross reference

WG665529: R2701400: L640132-01
WG665632: R2701560: L640132-01
WG665510: R2701600: L640132-01
WG665736: R2703422: L640132-01

* * Calculations are performed prior to rounding of reported values.

* Performance of this Analyte is outside of established criteria:

For additional information please see Attachment A List of Analytes with QC Qualifiers.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1305C07

21-Jun-13

Client: Safety & Environmental Solutions

Project: Holly Mimosa Gathering Line

Sample ID	MB-7698	SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles				
Client ID:	PBS	Batch ID:	7698		RunNo:	11056				
Prep Date:	5/31/2013	Analysis Date:	6/4/2013		SeqNo:	313337	Units:	mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual.
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		88.9	80	120			

Sample ID	LCS-7698	SampType:	LCS	TestCode:	EPA Method.8021B: Volatiles					
Client ID:	LCSS	Batch ID:	7698	RunNo:	11056					
Prep Date:	5/31/2013	Analysis Date:	6/4/2013	SeqNo:	313338					
				Units:	mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref.Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.050	1.000	0	86.8	80	120			
Toluene	0.86	0.050	1.000	0	85.6	80	120			
Ethylbenzene	0.86	0.050	1.000	0	85.6	80	120			
Xylenes, Total	2.6	0.10	3.000	0	86.7	80	120			
Surr: 4-Bromofluorobenzene	0.88		1.000		88.1	80	120			

Sample ID	1305C03-001AMS	SampType:	MS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	BatchQC	Batch ID:	7698	RunNo:	11056					
Prep Date:	5/31/2013	Analysis Date:	6/4/2013	SeqNo:	313340					
				Units:	mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.77	0.046	0.9259	0.01403	81.4	67.2	113			
Toluene	0.77	0.046	0.9259	0.01235	81.4	62.1	116			
Ethylbenzene	0.78	0.046	0.9259	0.01590	82.8	67.9	127			
Xylenes, Total	2.4	0.093	2.778	0.02460	84.8	60.6	134			
Surr: 4-Bromofluorobenzene	0.85		0.9259		91.8	80	120			

Sample ID	1305C03-001AMSD	SampType	MSD	TestCode	EPA Method 8021B: Volatiles					
Client ID:	BatchQC	Batch ID:	7698	RunNo:	11056					
Prep Date:	5/31/2013	Analysis Date:	6/4/2013	SeqNo:	313341					
				Units:	mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref. Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.76	0.046	0.9259	0.01403	80.7	67.2	113	0.775	14.3	
Toluene	0.76	0.046	0.9259	0.01235	80.8	62.1	116	0.764	15.9	
Ethylbenzene	0.77	0.046	0.9259	0.01590	81.4	67.9	127	1.67	14.4	
Xylenes, Total	2.3	0.093	2.778	0.02460	83.6	60.6	134	1.47	12.6	
Surr: 4-Bromofluorobenzene	0.84		0.9259		90.8	80	120	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSD limit
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

Page 3 of 10

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1305C07

21-Jun-13

Client: Safety & Environmental Solutions

Project: Holly Mimosa Gathering Line

Sample ID	mb-7826	SampType:	MBLK		TestCode:	Volatiles by 8260B/1311					
Client ID:	PBS	Batch ID:	7826		RunNo:	11268					
Prep Date:	6/10/2013	Analysis Date:	6/12/2013		SeqNo:	318330		Units:	mg/L		
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.50									
2-Butanone	ND	10									
Carbon Tetrachloride	ND	0.50									
Chlorobenzene	ND	100									
Chloroform	ND	6.0									
1,4-Dichlorobenzene	ND	7.5									
1,2-Dichloroethane (EDC)	ND	0.50									
1,1-Dichloroethene	ND	0.70									
Hexachlorobutadiene	ND	0.50									
Tetrachloroethene (PCE)	ND	0.70									
Trichloroethene (TCE)	ND	0.50									
Vinyl chloride	ND	0.20									
Surr: 1,2-Dichloroethane-d4	0.17		0.2000		83.6	69.9	130				
Surr: 4-Bromofluorobenzene	0.20		0.2000		101	71.2	123				
Surr: Dibromofluoromethane	0.17		0.2000		87.0	73.9	134				
Surr: Toluene-d8	0.19		0.2000		95.5	81.9	122				

Sample ID	Ics-7826	SampType	LCS	TestCode	Volatiles by 8260B/1311					
Client ID	LCSS	Batch ID	7826	RunNo	11268					
Prep Date	6/10/2013	Analysis Date	6/12/2013	SeqNo	318331	Units	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.40	0.20	0.4000	0	99.7	51.1	171			
Chlorobenzene	0.41	0.20	0.4000	0	102	36.1	191			
1,1-Dichloroethene	0.40	0.20	0.4000	0	98.8	49.1	162			
Trichloroethene (TCE)	0.38	0.20	0.4000	0	95.8	41.2	166			
Surr: 1,2-Dichloroethane-d4	0.18		0.2000		88.7	69.9	130			
Surr: 4-Bromofluorobenzene	0.19		0.2000		93.1	71.2	123			
Surr: Dibromofluoromethane	0.18		0.2000		92.2	73.9	134			
Surr: Toluene-d8	0.19		0.2000		95.6	81.9	122			

Qualifiers:

M Value exceeds Maximum Contaminant Level

E Value above quantitation range

J Analyte detected below quantitation limits

Q RSD is greater than RSD limit

R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

P Sample pH greater than 2 for VOA and TOC only

RL Reporting Detection Limit

Page 4 of 10

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1305C07

21-Jun-13

Client: Safety & Environmental Solutions

Project: Holly Mimosa Gathering Line

Sample ID	mb-8000	SampType	MBLK		TestCode	EPA Method 8270C TCLP					
Client ID	PBS	Batch ID	8000		RunNo	11423					
Prep Date	6/19/2013	Analysis Date	6/19/2013		SeqNo	322957		Units	mg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
2-Methylphenol	ND	200									
3+4-Methylphenol	ND	200									
Phenol	ND	200									
2,4-Dinitrotoluene	ND	0.13									
Hexachlorobenzene	ND	0.13									
Hexachlorobutadiene	ND	0.50									
Hexachloroethane	ND	3.0									
Nitrobenzene	ND	2.0									
Pentachlorophenol	ND	100									
Pyridine	ND	5.0									
2,4,5-Trichlorophenol	ND	400									
2,4,6-Trichlorophenol	ND	2.0									
Cresols, Total	ND	200									
Surr: 2,4,6-Tribromophenol	0.18		0.2000		91.5	18.7	148				
Surr: 2-Fluorobiphenyl	0.078		0.1000		78.3	53.8	117				
Surr: 2-Fluorophenol	0.12		0.2000		58.7	10.5	106				
Surr: 4-Terphenyl-d14	0.083		0.1000		83.4	43.8	108				
Surr: Nitrobenzene-d5	0.084		0.1000		84.2	36.7	128				
Surr: Phenol-d5	0.096		0.2000		47.8	18	70.1				

Sample ID: Ics-8000	SampType: LCS		TestCode: EPA Method 8270C.TCLP:							
Client ID: LCSS	Batch ID: 8000		RunNo: 11423							
Prep Date: 6/19/2013	Analysis Date: 6/19/2013		SeqNo: 322958		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref.Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.071	0.010	0.1000	0	71.5	32	109			
3+4-Methylphenol	0.21	0.010	0.2000	0	103	36.2	121			
2,4-Dinitrotoluene	0.11	0.010	0.1000	0	106	40	108			
Hexachlorobenzene	0.062	0.010	0.1000	0	61.9	40.5	89			
Hexachlorobutadiene	0.050	0.010	0.1000	0	50.2	23	98.8			
Hexachloroethane	0.051	0.010	0.1000	0	51.4	20.9	104			
Nitrobenzene	0.085	0.010	0.1000	0	84.5	38.4	118			
Pentachlorophenol	0.021	0.010	0.1000	0	21.3	13	106			
Pyridine	0.034	0.010	0.1000	0	33.5	9.77	85.3			
2,4,5-Trichlorophenol	0.028	0.010	0.1000	0	28.0	19.6	118			
2,4,6-Trichlorophenol	0.022	0.010	0.1000	0	21.5	15.6	117			
Cresols, Total	0.28	0.010	0.3000	0	92.5	35.6	116			
Surr: 2,4,6-Tribromophenol	0.072		0.2000		35.8	18.7	148			
Surr: 2-Fluorobiphenyl	0.067		0.1000		66.6	53.8	117			
Surr: 2-Fluorophenol	0.048		0.2000		23.9	10.5	106			

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSD limit
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only
- RL Reporting Detection Limit

Page 5 of 10

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1305C07

21-Jun-13

Client: Safety & Environmental Solutions

Project: Holly Mimosa Gathering Line

Sample ID	Ics-8000	SampType:	LCS	TestCode:	EPA Method 8270C-TCLP					
Client ID:	LCSS	Batch ID:	8000	RunNo:	11423					
Prep Date:	6/19/2013	Analysis Date:	6/19/2013	SeqNo:	322958					
Units: mg/L										
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual.
Surr: 4-Terphenyl-d14	0.079		0.1000		79.3	43.8	108			
Surr: Nitrobenzene-d5	0.084		0.1000		83.7	36.7	128			
Surr: Phenol-d5	0.073		0.2000		36.3	18	70.1			

Sample ID	1305C07-001Ams	SampType	MS	TestCode	EPA Method 8270C	TCLP				
Client ID:	Stock Pile C-2	Batch ID:	8000	RunNo:	11423					
Prep Date:	6/19/2013	Analysis Date:	6/19/2013	SeqNo:	322967	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.076	0.010	0.1000	0	75.7	43.9	95.3			H
3+4-Methylphenol	0.23	0.010	0.2000	0	115	43.9	114			SH
2,4-Dinitrotoluene	0.10	0.010	0.1000	0	101	50.3	107			H
Hexachlorobenzene	0.065	0.010	0.1000	0	64.7	47.9	89.7			H
Hexachlorobutadiene	0.055	0.010	0.1000	0	54.9	26.7	93			H
Hexachloroethane	0.060	0.010	0.1000	0	59.6	29.8	97.9			H
Nitrobenzene	0.076	0.010	0.1000	0	75.6	42.7	115			H
Pentachlorophenol	0.059	0.010	0.1000	0	59.3	12.4	108			H
Pyridine	0.046	0.010	0.1000	0	46.4	7.85	93.6			H
2,4,5-Trichlorophenol	0.070	0.010	0.1000	0	69.9	18.1	119			H
2,4,6-Trichlorophenol	0.073	0.010	0.1000	0	72.7	10.4	123			H
Cresols, Total	0.31	0.010	0.3000	0	102	45.5	107			H
Surr: 2,4,6-Tribromophenol	0.15		0.2000		76.0	18.7	148			H
Surr: 2-Fluorobiphenyl	0.065		0.1000		64.8	53.8	117			H
Surr: 2-Fluorophenol	0.12		0.2000		58.6	10.5	106			H
Surr: 4-Terphenyl-d14	0.075		0.1000		75.0	43.8	108			H
Surr: Nitrobenzene-d5	0.073		0.1000		73.1	36.7	128			H
Surr: Phenol-d5	0.092		0.2000		46.0	18	70.1			H

Sample ID	1305C07-001Amsd	SampType	MSD	TestCode	EPA Method 8270C TCLP					
Client ID	Stock Pile C-2	Batch ID	8000	RunNo	11423					
Prep Date	6/19/2013	Analysis Date	6/19/2013	SeqNo	322968					
				Units	mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.075	0.010	0.1000	0	74.8	43.9	95.3	1.17	29.9	H
3+4-Methylphenol	0.23	0.010	0.2000	0	116	43.9	114	0.788	29.9	SH
2,4-Dinitrotoluene	0.098	0.010	0.1000	0	98.2	50.3	107	3.15	33.1	H
Hexachlorobenzene	0.065	0.010	0.1000	0	64.7	47.9	89.7	0	28.6	H
Hexachlorobutadiene	0.054	0.010	0.1000	0	54.2	26.7	93	1.43	27.9	H
Hexachloroethane	0.057	0.010	0.1000	0	56.9	29.8	97.9	4.77	17.8	H
Nitrobenzene	0.084	0.010	0.1000	0	84.3	42.7	115	10.9	24.5	H

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSD limit
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only
- RL Reporting Detection Limit

Page 6 of 10

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1305C07

21-Jun-13

Client: Safety & Environmental Solutions

Project: Holly Mimosa Gathering Line

Sample ID: 1305C07-001Amsd	SampType: MSD		TestCode: EPA Method 8270C.TCLP							
Client ID: Stock Pile C-2	Batch ID: 8000		RunNo: 11423							
Prep Date: 6/19/2013	Analysis Date: 6/19/2013		SeqNo: 322968		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Pentachlorophenol	0.064	0.010	0.1000	0	63.6	12.4	108	6.99	27.2	H
Pyridine	0.044	0.010	0.1000	0	44.2	7.85	93.6	4.77	47.7	H
2,4,5-Trichlorophenol	0.070	0.010	0.1000	0	69.7	18.1	119	0.286	32	H
2,4,6-Trichlorophenol	0.073	0.010	0.1000	0	73.0	10.4	123	0.522	25.4	H
Cresols, Total	0.31	0.010	0.3000	0	102	45.5	107	0.307	29.9	H
Surr: 2,4,6-Tribromophenol	0.15		0.2000		75.4	18.7	148	0	0	H
Surr: 2-Fluorobiphenyl	0.066		0.1000		65.7	53.8	117	0	0	H
Surr: 2-Fluorophenol	0.10		0.2000		51.6	10.5	106	0	0	H
Surr: 4-Terphenyl-d14	0.072		0.1000		72.4	43.8	108	0	0	H
Surr: Nitrobenzene-d5	0.083		0.1000		82.8	36.7	128	0	0	H
Surr: Phenol-d5	0.087		0.2000		43.5	18	70.1	0	0	H

Qualifiers:

* Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

O RSD is greater than RSDlimit

R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

P Sample pH greater than 2 for VOA and TOC only.

RL Reporting Detection Limit

Page 7 of 10

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1305C07

21-Jun-13

Client: Safety & Environmental Solutions

Project: Holly Mimosa Gathering Line

Sample ID	MB-7994	SampType:	MBLK	TestCode:	MERCURY, TCLP					
Client ID:	PBW	Batch ID:	7994	RunNo:	11404					
Prep Date:	6/18/2013	Analysis Date:	6/19/2013	SeqNo:	322407	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.020								

Sample ID	LCS-7994	SampType:	LCS	TestCode:	MERCURY, TCLP					
Client ID:	LCSW	Batch ID:	7994	RunNo:	11404					
Prep Date:	6/18/2013	Analysis Date:	6/19/2013	SeqNo:	322408	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.020	0.005000	0	101	80	120			

Sample ID	1306593-001AMS	SampType:	MS	TestCode:	MERCURY, TCLP					
Client ID:	BatchQC	Batch ID:	7994	RunNo:	11404					
Prep Date:	6/18/2013	Analysis Date:	6/19/2013	SeqNo:	322414	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.020	0.005000	0	101	75	125			

Sample ID	1306593-001AMSD	SampType:	MSD	TestCode:	MERCURY, TCLP					
Client ID:	BatchQC	Batch ID:	7994	RunNo:	11404					
Prep Date:	6/18/2013	Analysis Date:	6/19/2013	SeqNo:	322415	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.020	0.005000	0	98.0	75	125	0	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSD limit.
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

Page 8 of 10

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1305C07

21-Jun-13

Client: Safety & Environmental Solutions

Project: Holly Mimosa Gathering Line

Sample ID: MB-8003	SampType: MBLK	TestCode: EPA Method 6010B: TCLP Metals								
Client ID: PBW	Batch ID: 8003	RunNo: 11415								
Prep Date: 6/19/2013	Analysis Date: 6/19/2013	SeqNo: 322624 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	ND	100								
Cadmium	ND	1.0								
Chromium	ND	5.0								
Lead	ND	5.0								
Silver	ND	5.0								

Sample ID: LCS-8003	SampType: LCS	TestCode: EPA Method 6010B: TCLP Metals								
Client ID: LCSW	Batch ID: 8003	RunNo: 11415								
Prep Date: 6/19/2013	Analysis Date: 6/19/2013	SeqNo: 322625 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref.Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	ND	100	0.5000	0	98.7	80	120			
Cadmium	ND	1.0	0.5000	0	102	80	120			
Chromium	ND	5.0	0.5000	0	97.7	80	120			
Lead	ND	5.0	0.5000	0	95.9	80	120			
Silver	ND	5.0	0.1000	0	109	80	120			

Sample ID	1306273-001AMS	SampType	MS	TestCode	EPA Method 6010B: TCLP-Metals					
Client ID	BatchQC	Batch ID	8003	RunNo	11415					
Prep Date	6/19/2013	Analysis Date	6/19/2013	SeqNo	322631	Units	mg/L			
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	ND	5.0	0.5000	0	93.3	75	125			

Sample ID: 1306273-001AMSD	SampType: MSD	TestCode: EPA Method 6010B: TCLP Metals								
Client ID: BatchQC	Batch ID: 8003	RunNo: 11415								
Prep Date: 6/19/2013	Analysis Date: 6/19/2013	SeqNo: 322632 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	ND	5.0	0.5000	0	92.2	75	125	0	20	

Sample ID	MB-8003	SampType	MBLK		TestCode	EPA Method 6010B: TCLP Metals				
Client ID	PBW	Batch ID	8003		RunNo	11415				
Prep Date	6/19/2013	Analysis Date	6/19/2013		SeqNo	322644	Units	mg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	5.0								
Selenium	ND	1.0								

Qualifiers:

- | | |
|--|--|
| * Value exceeds Maximum Contaminant Level | B Analyte detected in the associated Method Blank |
| E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| J Analyte detected below quantitation limits | ND Not Detected at the Reporting Limit |
| Q RSD is greater than RSDlimit | P Sample pH greater than 2 for VOA and TOC only |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |

Page 9 of 10

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1305C07

21-Jun-13

Client: Safety & Environmental Solutions

Project: Holly Mimosa Gathering Line

Sample ID: LCS-8003	SampType: LCS	TestCode: EPA Method 6010B: TCLP Metals								
Client ID: LCSW	Batch ID: 8003	RunNo: 11415								
Prep Date: 6/19/2013	Analysis Date: 6/19/2013	SeqNo: 322645 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual.
Arsenic	ND	5.0	0.5000	0.	113	80	120			
Selenium	ND	1.0	0.5000	0.	95.2	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only
- RL Reporting Detection Limit

Page 10 of 10



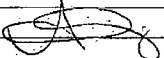
Hall Environmental Analysis Laboratory
4901 Hawkins NE.
Albuquerque, NM 87105
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Safety Env Solutions

Work Order Number: 1305C07

RcptNo: 1

Received by/date:		05/31/2013
Logged By:	Ashley Gallegos	5/31/2013 9:55:00 AM
Completed By:	Ashley Gallegos	5/31/2013 12:12:46 PM
Reviewed By:	LO	05/31/2013

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? FedEx

Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☒ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
9. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
10. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved bottles checked for pH
(<2 , or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

17. Additional remarks:

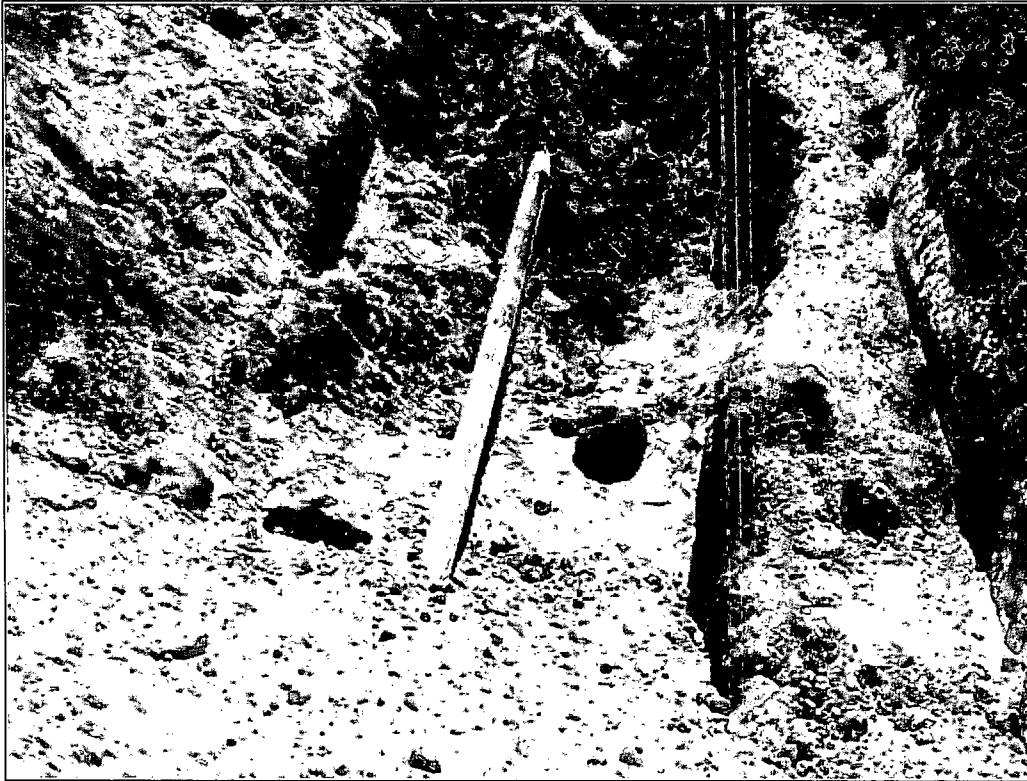
18. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.1	Good	Yes			

Appendix B

Site Photographs

Site Photographs April 20, 2012



Excavation



Excavation facing southeast



Impacted area around excavation



Impacted area in roadway

Site Photographs after Clean-Up July 9, 2013

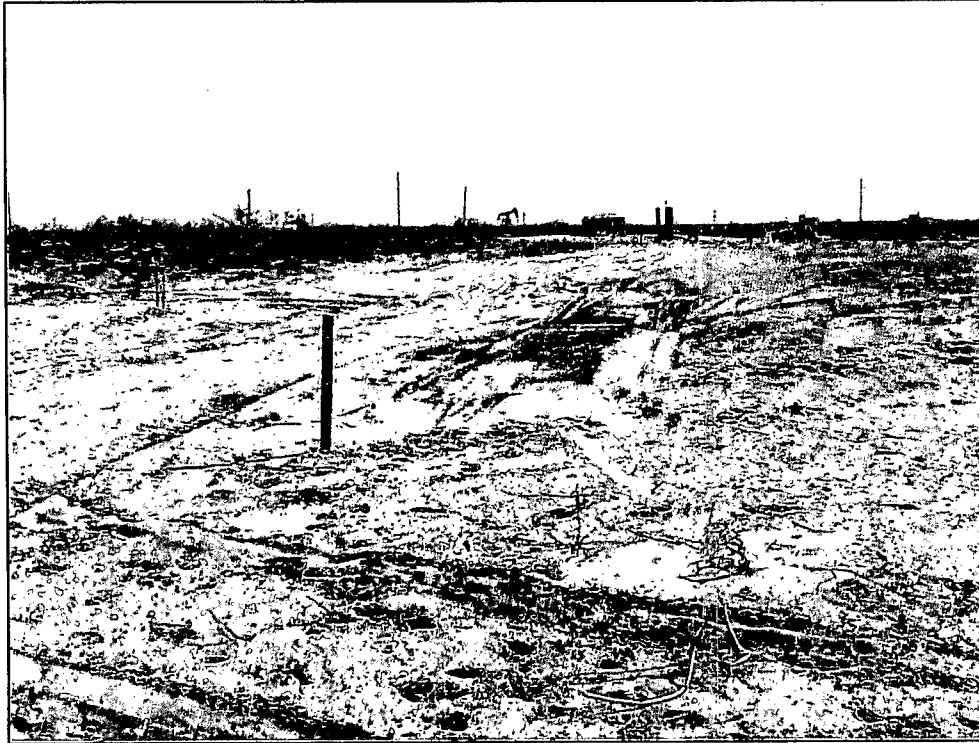


Photo #1 – East facing West



Photo #2 – Facing North showing dirt pile removal from location

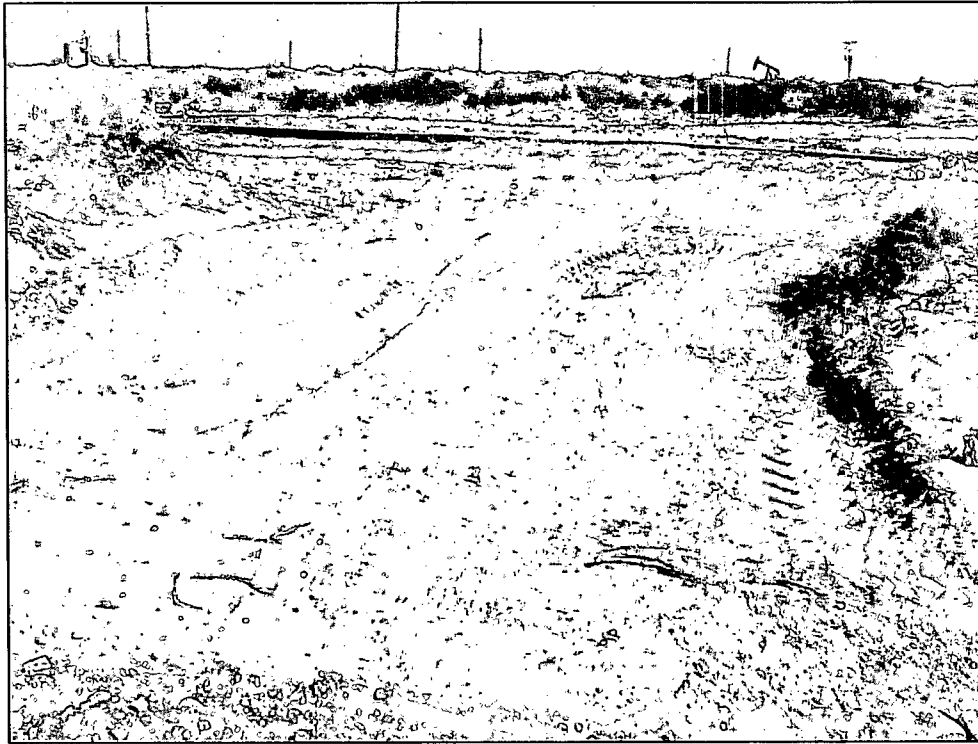


Photo #3 - Facing South

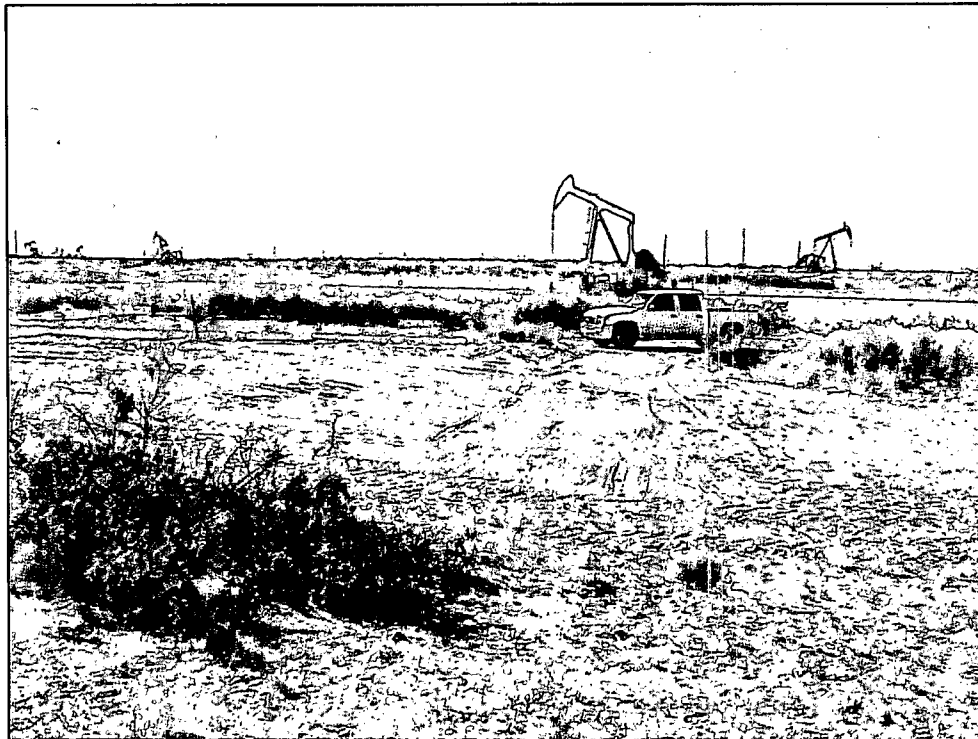


Photo #4 – Picture showing dirt pile removal from location

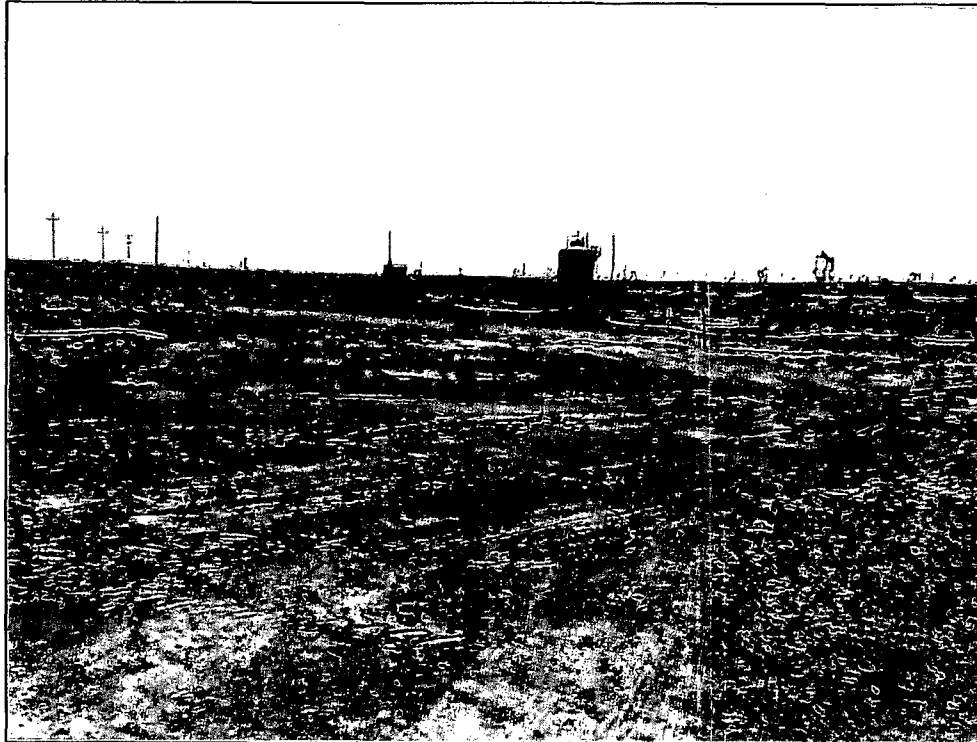


Photo #5 - Facing West



Photo #6 - Facing East



Photo # 7 – Facing South

Appendix C

C-141

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

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	Holly Energy Partners	Contact	Jeff Stubblefield
Address	1602 W. Main, Artesia, NM 88210	Telephone No.	972.322.5782
Facility Name	Mimosa Gathering	Facility Type	Crude Oil Gathering Line
Surface Owner	State Land Office	Mineral Owner	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	30	17S	29E					Eddy

Latitude 32.80217°N Longitude 104.11297°W

NATURE OF RELEASE

Type of Release	Crude Oil	Volume of Release	~12.5 bbls	Volume Recovered	~10 bbls
Source of Release	Pipeline Corrosion	Date and Hour of Occurrence	4/19/2012 15:41	Date and Hour of Discovery	4/19/2012 15:41
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher. 575.626.0857: 575.748.1283		
By Whom?	William Green	Date and Hour	4/19/2012 @ 17:22 -- message left at office number		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	Not Applicable		

If a Watercourse was Impacted, Describe Fully.*

Not Applicable

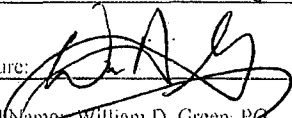
Describe Cause of Problem and Remedial Action Taken.*

Pipeline corrosion is the suspected cause of the release. Pumping sources immediately shut-down and the flowpath was diked. A vacuum truck was mobilized to the location. Impacted soils at the source was excavated and placed on plastic to allow repairs to the line.

Describe Area Affected and Cleanup Action Taken.*

Flowpath is in the Arco Road south ditch. Delineation and cleanup actions are pending. SESI, Hobbs, NM, will oversee delineation and remediation activities upon access approval from the State Land Office.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC 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, NMOC 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: William D. Green, PE	Approved by Environmental Specialist:		
Title: Environmental Specialist	Approval Date:	Expiration Date:	
E-mail Address: Bill.Green@hollyenergy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 4/19/2012	Phone: 575.748.8968		

* Attach Additional Sheets If Necessary