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By OCD; Dr. Oberding at 8:52 am, Apr 03, 2015

Mas OperatingCo. B.V. Lynch A #2 Closure Report

Section 34, T20S, R34E Lea County, New Mexico 1RP-3177

April 1, 2015



Prepared for:

Mas Operating Co. P.O. Box 52167 Midland, TX 79710

By:

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

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I. Company Contacts

Representative	Company	Telephone	E-mail
Brooke Makowsky	Mas Operating, Co.	462-618-0678	masoperating@att.net
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

II. Background

Safety and Environmental Solutions, Inc., hereinafter referred to as (SESI) was engaged by Mas Operating Co. to perform site assessment of a release area at the B.V. Lynch A #2 Unit letter P, Section 34, Township 20S, Range 34E located in Lea County New Mexico.

According to the C-141; on July 15, 2014 there was a spill measuring approximately 350 bbls. of salt water. Approximately 20 bbls of the standing fluid were recovered and disposed of by a vacuum truck. This spill resulted from a compromised bell nipple at the wellhead. The bell nipple was removed and replaced (Appendix B).

III. Surface and Ground Water

No surface water is either present or nearby. The nearest surface water is the Pecos River which lies approximately 33 miles to the southwest.

The nearest groundwater of record is a windmill located approximately 950 feet to the west of the site. The New Mexico Office of State Engineer lists the well in the SE/4 SW/3 SE/4, Section 34, Township 20 South, Range 34 East. The reported depth of the well was 100 feet below ground surface (bgs), however no depth to water was reported. The reported depth was 150 feet below ground surface (BGS). The nearest well with "Depth to Water" recording is located in the SE/4 SW/4 SE/2, Section 34 Township 20 South, Range 34 East. The reported depth is 757' BGS (Appendix D).

IV. Characterization

The target cleanup levels are determined using the *Guidelines for Remediation of Leaks, Spills and Releases* published by the NMOCD (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	(Vertical distance from contaminants to Less than 50 feet 20 points								
	50 feet to 99 feet	10 points							
groundwater)	>100 feet	0 points	Χ						
Wellhead Protection Area:									
(Less than 200 feet from a private domestic	Yes	20 points							
water source; or less than 1000 feet from all	No	0 points	Χ						
other water sources)									
Distance to Surface Water:									

(Horizontal distance to perennial lak	es, Less than 200 feet 20 points		
ponds, rivers, streams, creeks, irrigat	on 200 feet to 1000 feet 10 points		
anals and ditches) >1000 feet 0 points			
RANKING SCORE (TOTAL POINTS)		0	

V. Work Performed

On July 16, 2014, SESI was onsite to perform a preliminary assessment and map the spill location.

On July 16, 2014, SESI arrived on location observed spill area, location was mapped utilizing a Trimble Juno 3D and seven (7) site photos were taken.

On May 17, 2014, SESI was onsite to determine vertical extent of contamination. SESI installed three (3) test trenches. Test Trench #1 was advanced to a depth of 1.5'. Test Trench #2 was advanced to a depth of 5'. Test Trench #3 was advanced to a depth of 5'. The shallow depths of these trenches were due to the small size of the backhoe being used for the excavation.

On July 21, 2014, SESI returned to location to continue excavation in Test Trench #2 which was advanced to a depth of 18'. Samples were taken at 0-6", 2-5', 9-10', 15' and 18.5'. All samples were properly packaged, preserved and transported to Cardinal Laboratories, Hobbs New Mexico and analyzed for Chlorides. The results of the analysis are presented in the table below:

Sample Date	Sample ID	CI.
7/23/2014	Test Trench #2 0-6 (H402215-01)	6480
7/23/2014	TT #2 2-5' (H402215-02)	6960
7/23/2014	TT#2 9-10' (H402215-03)	1600
7/23/2014	TT#2 15' (H402215-04)	416
7/23/2014	TT #2 18.5' (H402215-05)	368

On November 10, 2014, SESI was onsite to delineate the north area impacted by the release. The release pooled in the north area inside the Plains tank farm. Three test trenches were installed to a depth of 2' where samples were taken. All samples were properly packaged, preserved and transported to Cardinal Laboratories, Hobbs New Mexico and analyzed for Chlorides. The results of the analysis are presented in the table below:

Sample Date	Sample ID	CI ⁻
11/20/2014	TT-1 2'BGS (40358801	64.0
11/20/2014	TT-2 2'BGS (H403588-02)	<16.0
11/20/2014	TT-3 2'BGS (H403588-03)	<16.0

The vertical extent of chloride contamination in the three test trenches was reached in each case.

VI. Action Plan

On November 26, 2014 a final revision of the Delineation report and work plan was filed with the NMOCD and BLM regulatory authorities respectively outlining plans for the remediation of the site. The plan was reviewed and accepted with conditions not withstanding BLM inspection and witnessing of sampling. The plan was approved with the final condition of seeding on January 22, 2015.

On March 02, 2015 BLM representation was on site to confirm excavation activities. At that time the BLM concurred with the placement of compacted caliche at the base of the excavation, capping with topsoil to form a conducive root zone for vegetation.

On March 09, 2015 SESI personnel were on site to retrieve final representative soil samples of the excavated site. The samples were properly packaged, preserved and transported to a commercial laboratory in Hobbs, NM. The results are presented in the table below:

Sample Date	Sample ID	Total BTEX	CI ⁻	GRO C6-C10	DRO >C10-C28
03/09/2015	SP-1 Bottom	< 0.300	3480	<10.0	<10.0
03/09/2015	SP-2 Bottom	< 0.300	5120	<10.0	<10.0
03/09/2015	SP-3 Bottom	< 0.300	3040	<10.0	<10.0
03/09/2015	Sp-4 Bottom	< 0.300	3440	<10.0	<10.0
03/09/2015	Sp-5 Bottom	< 0.300	3840	<10.0	<10.0
03/09/2015	Sp-6 Bottom	< 0.300	80.0	<50.0	167
03/09/2015	SP-7 W Wall	< 0.300	112	<10.0	<10.0
03/09/2015	SP-8 W Wall	< 0.300	32.0	<10.0	24.9
03/09/2015	SP-9 W Wall	< 0.300	400	<10.0	12.3
03/09/2015	SP-10 E Wall	< 0.300	<16.0	<10.0	<10.0
03/09/2015	SP-11 E Wall	< 0.300	<16.0	<10.0	<10.0

(Appendix A)

Conclusion:

On March 16, 2015 based on the above analytical soil results and the BLM conditions: caliche was placed in the bottom of excavation at 4' bgs., and compacted. This was followed with a layer of topsoil deep enough for the formulation of a root zone, so that vegetation could be sustained. All impacted soils were removed to an NMOCD approved facility.

The site is to be reseeded with a BLM approved seed mixture that is native to the area. The regrowth of vegetation will remove residual chlorides from soils minimizing risks to the vadose zone. Based on the removal of impacted soils, restoration of the site to grade, and depth to groundwater; SESI respectfully requests closure of the regulatory file on the incident for this site.


VII. Figures & Appendices

Figure 1 – Vicinity Map Figure 2 – Site Plan

Appendix A – Analytical Results

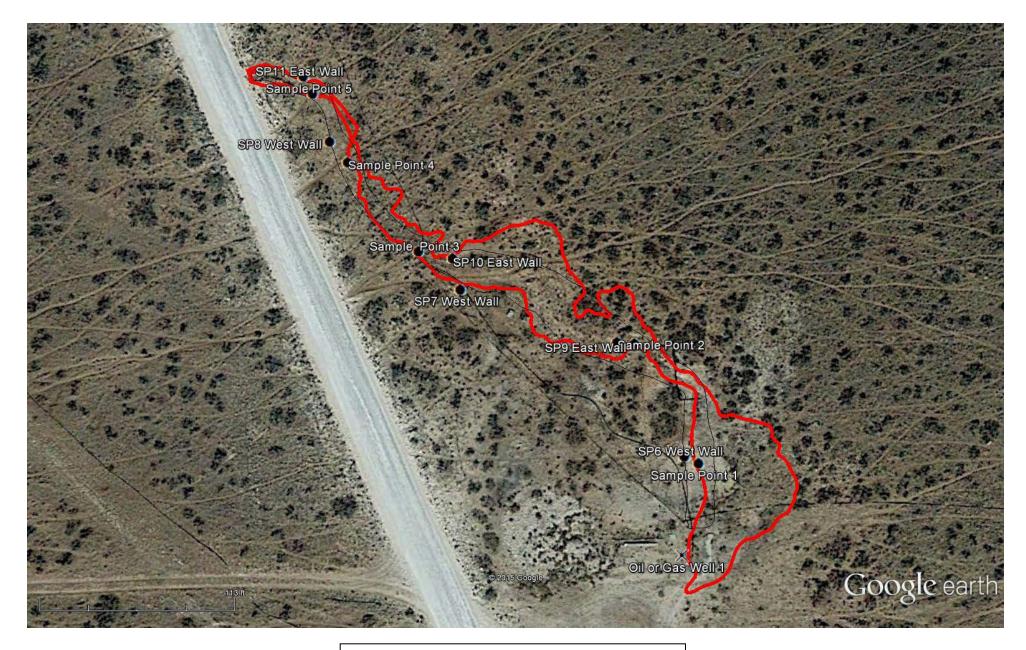
Appendix B – C-141
Appendix C – Site Photographs
Appendix D – Groundwater Study

Figure 1 Vicinity Map



Scale: 1 inch = 2,000 ft.

Figure 2 Site Plan



BV Lynch A Federal #002

API 30-025-02494

Appendix A Analytical Results



November 24, 2014

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

RE: LYNCH A #2

Enclosed are the results of analyses for samples received by the laboratory on 11/21/14 8:00.

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/ga/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.

Lope S. Moreno

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,

Hope S. Moreno For Celey D. Keene

Lab Director/Quality Manager



Safety & Environmental Solutions

Bob Allen

703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 11/21/2014

Reported: 11/24/2014 Project Name: LYNCH A #2

Project Name: LYNCH A #2
Project Number: PAR-14-002

Project Location: 176

Sampling Date: 11/20/2014

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: TT-1 2' BGS (H403588-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier 64.0 ND 400 Chloride 16.0 11/24/2014 416 104 0.00

Sample ID: TT-2 2' BGS (H403588-02)

Chloride, SM4500CI-B	mg,	mg/kg Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/24/2014	ND	416	104	400	0.00	

Sample ID: TT-3 2' BGS (H403588-03)

Chioride, SM4500CI-B	mg,	/kg	Analyze	а ву: АР					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/24/2014	ND	416	104	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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Lope S. Moreno



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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Lope S. Moreno



February 05, 2015

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: LYNCH A #2

Enclosed are the results of analyses for samples received by the laboratory on 02/02/15 8:00.

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/ga/lab accred certif.html.

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Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keine

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



Safety & Environmental Solutions

Bob Allen

703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 02/02/2015 Sampling Date:

01/30/2015

Reported: Project Name: 02/05/2015

Sampling Type:

Soil

Project Number:

LYNCH A #2 PAR-14-002

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

Project Location: LEA COUNTY

Sample ID: SP-1 BOTTOM 2' BGS (H500285-01)

Chloride, SM4500Cl-B	mg,	mg/kg Analyzed By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	02/02/2015	ND	416	104	400	0.00		

Sample ID: SP-2 BOTTOM 2' BGS (H500285-02)

Chloride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/02/2015	ND	416	104	400	0.00	

Sample ID: SP-3 BOTTOM 2' BGS (H500285-03)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/02/2015	ND	416	104	400	0.00	

Sample ID: SP-4 BOTTOM 2' BGS (H500285-04)

Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/02/2015	ND	416	104	400	0.00	

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Safety & Environmental Solutions

Bob Allen

703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 02/02/2015

Reported: 02/05/2015

Project Name: LYNCH A #2
Project Number: PAR-14-002
Project Location: LEA COUNTY

Sampling Date: 01/30/2015

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP-5 BOTTOM 2' BGS (H500285-05)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/02/2015	ND	416	104	400	0.00	

Sample ID: SP-6 BOTTOM 1' BGS (H500285-06)

Chloride, SM4500CI-B mg/kg		Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	02/02/2015	ND	416	104	400	0.00	

Sample ID: SP-7 NORTH WALL (H500285-07)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/02/2015	ND	416	104	400	0.00	

Sample ID: SP-8 NORTH WALL (H500285-08)

Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/02/2015	ND	416	104	400	0.00	

Sample ID: SP-9 NORTH WALL (H500285-09)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/02/2015	ND	416	104	400	0.00	

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Safety & Environmental Solutions

Bob Allen

703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 02/02/2015

Sampling Date: 01/30/2015 Sampling Type: Soil

Reported: 02/05/2015
Project Name: LYNCH A #2
Project Number: PAR-14-002

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Project Location: LEA COUNTY

Sample ID: SP-10 SOUTH WALL (H500285-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/02/2015	ND	416	104	400	0.00	

Sample ID: SP-11 (H500285-11)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/02/2015	ND	416	104	400	0.00	

Sample ID: SP-12 (H500285-12)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/02/2015	ND	416	104	400	0.00	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 Fax (505) 393-2476 Company Name: Safety & Environmental Solutions, Inc. P.O. #:	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240
ANALYSIS REQUEST	Pageof

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analyses. All claims including those for negligence and any other cause windsource and success including whoch findibles, business intemptions, loss of use, or loss sorks. In no overal shall conduitable leather for including a leather of including a leather such claim is based upon any suitable or success acting out of or calable to the performance of skir/closs hereunder by Cardinal, segardless of whicher such claim is based upon any suitable or success a leather such claim is based upon any suitable or success a leather such claim is based upon any suitable or leather such claim is based upon any suitable or leather such claim is based upon any suitable or leather such claim is based upon any suitable. Received By: Timps: Temp. Sample Condition CH	
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Date: Received By: Time: Temp. Sample Condition Intact	□ Yes □
(Circle One) Temp. Sample Condition	
(Circle One)	CHECKED BY:
	India's
Sampler - UPS - Bus - Other: 5.62 No No No	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 Fax (505) 393-2476 Company Name: Safety & Environmental Solutions, Inc.	101 East Marland, Hobbs, NM 88240	AF	
BILL TO ANALYSIS R			

Company Name: Project Manager: Address: City: Chone #:	Safety & Environments Bob Allen 703 East Clinto Hobbs 575-397-0510	Pio. #: Gompany: Same Attn: Address:	ANALYSIS REQUEST
Project #: Project Name: Project Location: Sampler Name: Sampler Name:	Lynx H A * 2 Lynx H A * 2 Sox Court	State: Zip: State: Zip: Phone #: PRESERV. SAMPLING Webs.	
Lab I.D.	(G)RAB OR (C)OM #CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	ATE TIME	
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PLEASE NOTE: LIGHTLY	1.EASE HOTE: Listally and Dainsigues, Centinear's listality and effects socialistic entresty for einy claim entains whether based in contract or lost, shall be finited in the emount paid by the cateria for the parties of the enterty for einy claims ended by contract or lost, shall be finited in the emount paid by the cateria for the analyses. All claims including thicks for regulgience and any other causes whatevers reall be desired velocity of the cateria withing and escaled by Cardinal within 30 days after completions of the expectations. It is subsidiated as analyses. All claims including thicks for regulgience and any other causes whatevers are the cateria for the cateria f	nact or lost, shall be finited to the amount paid by the citini for the paid count, shall be finited to the amount paid by the citini for the paid countries of the applicable of the countries of the paid countries of the paid called the calle	Terms and Conditionis Indicest will be charged on an account amou over 30 days past due at the rate of 24% per annum from the original date of inco and all costs of collections, including attorney's fees.
Sambler Relinquished By.	table allocational be liabile for incomensation currently considered by Cardinal, organized of whether such tables adding out of crisished to the performance of sinkes he manufacture. Daity: Time: Date: Received By: hed By: Date: Received By:	Tyes D	No Add'l Fax #:
Delivered Bv Sampler - UPS	Delivered By: (Circle One) Sampler - UPS - Bus - Other: Temp. Sample Condition Cool Injact Circle One Sampler - UPS - Bus - Other: Temp. Sample Condition Cool Injact Circle One	rdition CHECKED BY:	

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



March 16, 2015

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: LYNCH A #2

Enclosed are the results of analyses for samples received by the laboratory on 03/11/15 8:00.

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/ga/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.

Celey D. Keine

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

03/09/2015



Analytical Results For:

Safety & Environmental Solutions Bob Allen 703 East Clinton

Hobbs NM, 88240 Fax To: (575) 393-4388

Received: 03/11/2015 Sampling Date:

Reported:03/16/2015Sampling Type:SoilProject Name:LYNCH A #2Sampling Condition:Cool & IntactProject Number:PAR-14-002Sample Received By:Jodi Henson

Project Location: LEA COUNTY

Sample ID: SP - 1 BOTTOM (H500659-01)

BTEX 8021B	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2015	ND	2.18	109	2.00	5.00	
Toluene*	0.148	0.050	03/12/2015	ND	1.97	98.7	2.00	5.41	
Ethylbenzene*	0.060	0.050	03/12/2015	ND	1.92	96.2	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/12/2015	ND	5.71	95.1	6.00	5.19	
Total BTEX	<0.300	0.300	03/12/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	% 61-154	1						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	03/11/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2015	ND	203	102	200	4.83	
DRO >C10-C28	<10.0	10.0	03/12/2015	ND	208	104	200	1.81	
Surrogate: 1-Chlorooctane	83.0	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	93.6	% 52.1-17	6						

Cardinal Laboratories *=Accredited Analyte

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Safety & Environmental Solutions Bob Allen

703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 03/11/2015 Sampling Date: 03/09/2015

Reported: 03/16/2015 Sampling Type: Soil

Project Name: LYNCH A #2 Sampling Condition: Cool & Intact
Project Number: PAR-14-002 Sample Received By: Jodi Henson

Project Location: LEA COUNTY

Sample ID: SP - 2 BOTTOM (H500659-02)

BTEX 8021B	mg/kg		Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2015	ND	2.18	109	2.00	5.00	
Toluene*	<0.050	0.050	03/12/2015	ND	1.97	98.7	2.00	5.41	
Ethylbenzene*	<0.050	0.050	03/12/2015	ND	1.92	96.2	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/12/2015	ND	5.71	95.1	6.00	5.19	
Total BTEX	<0.300	0.300	03/12/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	% 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	03/11/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2015	ND	203	102	200	4.83	
DRO >C10-C28	<10.0	10.0	03/12/2015	ND	208	104	200	1.81	
Surrogate: 1-Chlorooctane	87.4 9	% 47.2-15	7						
G 1 GH 1	06.24	0/ 53.1.15							

Surrogate: 1-Chlorooctadecane 96.2 % 52.1-176

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Safety & Environmental Solutions Bob Allen 703 East Clinton

Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 03/11/2015 Sampling Date: 03/09/2015

Reported: 03/16/2015 Sampling Type: Soil

Project Name: LYNCH A #2 Sampling Condition: Cool & Intact
Project Number: PAR-14-002 Sample Received By: Jodi Henson

Project Location: LEA COUNTY

Sample ID: SP - 3 BOTTOM (H500659-03)

BTEX 8021B	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2015	ND	2.18	109	2.00	5.00	
Toluene*	<0.050	0.050	03/12/2015	ND	1.97	98.7	2.00	5.41	
Ethylbenzene*	<0.050	0.050	03/12/2015	ND	1.92	96.2	2.00	4.64	
Total Xylenes*	< 0.150	0.150	03/12/2015	ND	5.71	95.1	6.00	5.19	
Total BTEX	<0.300	0.300	03/12/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	% 61-154	!						
Chloride, SM4500Cl-B	mg/	mg/kg		d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	03/11/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2015	ND	203	102	200	4.83	
DRO >C10-C28	<10.0	10.0	03/12/2015	ND	208	104	200	1.81	
Surrogate: 1-Chlorooctane	96.4	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	101 9	% 52.1-17	6						

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703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 03/11/2015 Sampling Date: 03/09/2015

Reported: 03/16/2015 Sampling Type: Soil

Project Name: LYNCH A #2 Sampling Condition: Cool & Intact
Project Number: PAR-14-002 Sample Received By: Jodi Henson

Project Location: LEA COUNTY

Sample ID: SP - 4 BOTTOM (H500659-04)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2015	ND	2.18	109	2.00	5.00	
Toluene*	<0.050	0.050	03/12/2015	ND	1.97	98.7	2.00	5.41	
Ethylbenzene*	<0.050	0.050	03/12/2015	ND	1.92	96.2	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/12/2015	ND	5.71	95.1	6.00	5.19	
Total BTEX	<0.300	0.300	03/12/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	% 61-154	!						
Chloride, SM4500Cl-B	mg/	mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	03/11/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2015	ND	203	102	200	4.83	
DRO >C10-C28	<10.0	10.0	03/12/2015	ND	208	104	200	1.81	
Surrogate: 1-Chlorooctane	95.6	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	102 9	% 52.1-17	6						

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Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 03/11/2015 Sampling Date: 03/09/2015

Reported: 03/16/2015 Sampling Type: Soil

Project Name: LYNCH A #2 Sampling Condition: Cool & Intact Project Number: Sample Received By: PAR-14-002 Jodi Henson

Project Location: LEA COUNTY

Sample ID: SP - 5 BOTTOM (H500659-05)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2015	ND	2.18	109	2.00	5.00	
Toluene*	<0.050	0.050	03/12/2015	ND	1.97	98.7	2.00	5.41	
Ethylbenzene*	<0.050	0.050	03/12/2015	ND	1.92	96.2	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/12/2015	ND	5.71	95.1	6.00	5.19	
Total BTEX	<0.300	0.300	03/12/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	03/11/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2015	ND	203	102	200	4.83	
DRO >C10-C28	<10.0	10.0	03/12/2015	ND	208	104	200	1.81	
Surrogate: 1-Chlorooctane	90.8	% 47.2-15	7						
Summanta I Chlana a stada ana	07.44	0/ 52.1.15							

97.4 % 52.1-176 Surrogate: 1-Chlorooctadecane

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Safety & Environmental Solutions Bob Allen

703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 03/11/2015 Sampling Date: 03/09/2015

Reported: 03/16/2015 Sampling Type: Soil

Project Name: LYNCH A #2 Sampling Condition: Cool & Intact
Project Number: PAR-14-002 Sample Received By: Jodi Henson

Project Location: LEA COUNTY

Sample ID: SP - 6 WEST WALL (H500659-06)

TEX 8021B	mg/	kg	Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2015	ND	2.18	109	2.00	5.00	
Toluene*	<0.050	0.050	03/12/2015	ND	1.97	98.7	2.00	5.41	
Ethylbenzene*	<0.050	0.050	03/12/2015	ND	1.92	96.2	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/12/2015	ND	5.71	95.1	6.00	5.19	
Total BTEX	<0.300	0.300	03/12/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/11/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	03/12/2015	ND	203	102	200	4.83	
DRO >C10-C28	167	50.0	03/12/2015	ND	208	104	200	1.81	
Surrogate: 1-Chlorooctane	76.4	% 47.2-15	7						

 Surrogate: 1-Chlorooctadecane
 111 %
 52.1-176

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Safety & Environmental Solutions Bob Allen 703 East Clinton

Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 03/11/2015 Sampling Date: 03/09/2015

Reported: 03/16/2015 Sampling Type: Soil

Project Name: LYNCH A #2 Sampling Condition: Cool & Intact Project Number: Sample Received By: PAR-14-002 Jodi Henson

Project Location: LEA COUNTY

Sample ID: SP - 7 WEST WALL (H500659-07)

BTEX 8021B	mg/	'kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2015	ND	2.18	109	2.00	5.00	
Toluene*	<0.050	0.050	03/12/2015	ND	1.97	98.7	2.00	5.41	
Ethylbenzene*	<0.050	0.050	03/12/2015	ND	1.92	96.2	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/12/2015	ND	5.71	95.1	6.00	5.19	
Total BTEX	<0.300	0.300	03/12/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 61-154	1						
Chloride, SM4500Cl-B	mg/	mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/11/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2015	ND	203	102	200	4.83	
DRO >C10-C28	<10.0	10.0	03/12/2015	ND	208	104	200	1.81	
Surrogate: 1-Chlorooctane	100 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	100 9	% 52.1-17	6						

Surrogate: 1-Chlorooctadecane

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Safety & Environmental Solutions Bob Allen 703 East Clinton

Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 03/11/2015 Sampling Date: 03/09/2015

Reported: 03/16/2015 Sampling Type: Soil

Project Name: LYNCH A #2 Sampling Condition: Cool & Intact
Project Number: PAR-14-002 Sample Received By: Jodi Henson

Project Location: LEA COUNTY

Sample ID: SP - 8 WEST WALL (H500659-08)

BTEX 8021B	mg/	kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	03/12/2015	ND	2.18	109	2.00	5.00	
Toluene*	<0.050	0.050	03/12/2015	ND	1.97	98.7	2.00	5.41	
Ethylbenzene*	<0.050	0.050	03/12/2015	ND	1.92	96.2	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/12/2015	ND	5.71	95.1	6.00	5.19	
Total BTEX	<0.300	0.300	03/12/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	6 61-154	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/11/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2015	ND	203	102	200	4.83	
DRO >C10-C28	24.9	10.0	03/12/2015	ND	208	104	200	1.81	
Surrogate: 1-Chlorooctane	97.2 %	% 47.2-15	7						

Surrogate: 1-Chlorooctadecane 98.2 % 52.1-176

Cardinal Laboratories *=Accredited Analyte

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Jodi Henson

Sample Received By:



Analytical Results For:

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

Fax To: (575) 393-4388

Received: 03/11/2015 Sampling Date: 03/09/2015

Reported: 03/16/2015 Sampling Type: Soil Project Name: LYNCH A #2 Sampling Condition: Cool & Intact

Project Number: PAR-14-002 Project Location: LEA COUNTY

Sample ID: SP - 9 EAST WALL (H500659-09)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2015	ND	2.18	109	2.00	5.00	
Toluene*	<0.050	0.050	03/12/2015	ND	1.97	98.7	2.00	5.41	
Ethylbenzene*	<0.050	0.050	03/12/2015	ND	1.92	96.2	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/12/2015	ND	5.71	95.1	6.00	5.19	
Total BTEX	<0.300	0.300	03/12/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/11/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2015	ND	203	102	200	4.83	
DRO >C10-C28	12.3	10.0	03/12/2015	ND	208	104	200	1.81	
Surrogate: 1-Chlorooctane	93.8	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	102 9	% 52.1-17	6						

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Celey D. Keine



Safety & Environmental Solutions Bob Allen 703 East Clinton

Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 03/11/2015 Sampling Date: 03/09/2015

Reported: 03/16/2015 Sampling Type: Soil

Project Name: LYNCH A #2 Sampling Condition: Cool & Intact
Project Number: PAR-14-002 Sample Received By: Jodi Henson

Project Location: LEA COUNTY

Sample ID: SP - 10 EAST WALL (H500659-10)

BTEX 8021B	mg/	kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2015	ND	2.18	109	2.00	5.00	
Toluene*	<0.050	0.050	03/12/2015	ND	1.97	98.7	2.00	5.41	
Ethylbenzene*	<0.050	0.050	03/12/2015	ND	1.92	96.2	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/12/2015	ND	5.71	95.1	6.00	5.19	
Total BTEX	<0.300	0.300	03/12/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 61-154	1						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/11/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2015	ND	203	102	200	4.83	
DRO >C10-C28	<10.0	10.0	03/12/2015	ND	208	104	200	1.81	
Surrogate: 1-Chlorooctane	93.6	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	97.9	% 52.1-17	6						

Surrogate: 1-Chlorooctadecane 97.9 % 52.1-176

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Jodi Henson

Sample Received By:



Analytical Results For:

Safety & Environmental Solutions Bob Allen

703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 03/11/2015 Sampling Date: 03/09/2015

Reported: 03/16/2015 Sampling Type: Soil
Project Name: LYNCH A #2 Sampling Condition: Cool & Intact

Project Number: PAR-14-002
Project Location: LEA COUNTY

Sample ID: SP - 11 EAST WALL (H500659-11)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2015	ND	2.18	109	2.00	5.00	
Toluene*	<0.050	0.050	03/12/2015	ND	1.97	98.7	2.00	5.41	
Ethylbenzene*	<0.050	0.050	03/12/2015	ND	1.92	96.2	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/12/2015	ND	5.71	95.1	6.00	5.19	
Total BTEX	<0.300	0.300	03/12/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/11/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2015	ND	209	105	200	2.20	
DRO >C10-C28	<10.0	10.0	03/12/2015	ND	227	113	200	4.83	
Surrogate: 1-Chlorooctane	98.6	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	104 9	% 52.1-17	6						

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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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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page (

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

	1 0 1		温温の日記と同じの記述		ANALYSIS RECUES	
Company Name:	Safety & Environmental Solutions,	1116.	113	Target School Co.	- 1	
Project Manager	Bob Allen	27.0	Same			
Address:	703 East Clinton		Vally.			
City:	Hobbs State; NM Zip:	88240	Affn:			
Phone #:	575-397-0510 Fax #: 575-393-4388		Address			
Project #:	P-14-002 Project Owner: M	Project Owner: NAS a Regimula ity:	ify:	5		
Project Name:	Linca 442	· (D)	State: Zip:	5		
Project Location:	المهريق عما	P	Phone #:	8		
Sampler Name:	Sosa Kerry	a.	Fax#:	_		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING			
		TER		PH		
Lab I.D.	Sample I.D.	DGE	HER: D/BASE: /'COOL HER:	TH BT		
H5001.59	(G)I	GRI WA SOI OIL	AC ICE OT	TIME		
	SPI ROTTON G	3	0 0000	X X X X X		
7	SP-2 Bottom G	7	03/08	000		- Charles
2	SP-3 AGTOM 9	7	2	0.00		-
4		X	0)09	020		
5	SP-S BOTTOM S	一	1 63 60	950		
6	SPG WESTWAN G	60	1000 ×	orto		
7			0707			
8	2	70	2	36		
5-2	SPLIO CASTWALL C	6-	03/09	30 X X DE		
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service. In no event shall Ca	annyses. All claims including lique to regulative and any other consequents of the characters of the consequents of the consequents of the characters of the consequents of the characters of the consequents of the characters of t	il fimilation, business interruptions, lo Liregardiess of whether such claim is	väthout firrilition, business interruptions, loss of use, or loss of profits incurred by citent. Its subsident adiral, regardless of whether such claim is based upon any of the above stated reasons or otherwise		and all costs of chichens's trickens's anymost a second	
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Low	8	MUL SU	Moun	Villaga States		
Relinquished B	Dates	Trendiked Di.				
	Ťime:					
Delivered By:	(Circle One)	Sample	on CHECKED BY:			
Sampler - UPS	- Bus - Other: 4.86	No No No	T S			



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY	
YAND	
DANALYSIS	
REQUEST	

10001		OUTILE	COOK A	ANALYSIS REQUEST	
Project Manager: Deb Aller		P.O. #:			
Address: 703 East Clinton		Company: Same			
Hobbs State:	NM Zip: 88240	Aftn:			
le #: 575-397-0510 Fax #:	575-393-4388	Address:			
284-14-82	Project Owner: MAS COCANTO City:	City:	5		
ime:	-	State: Zip:	15		
Project Location: Cost Cost		Phone #:			
Sampler Name:					
	MATRIX	PRESERV. SAMPLING			
	RS TER		PIX	2	
Lab I.D. Sample I.D.	UDGE	HER:	87 Ch		
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affiliates or successors and in out of or related to the performance of services hereunder by	der by Cardinal, regardless of whether such claim	Cardinal, regardiless of whether such claim is based upon any of life above stated reasons or otherwise. Phone Res	Yes	Add Phone #:	
Sambler Reliniquished:	Received by:		Fax Result. D Yes D No REMARKS:	Add'l Fax #:	
Date:	Received By:	Charles I	4.		
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Delivered By: (Circle One)	Temp. Sample Condition	ion CHECKED BY:			
Sampler - UPS - Bus - Other:	1.88 Tres Tres				
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Appendix B Final C-141

Appendix C Site Photographs

Photo Documentation

Mas Operating Co., B.V. Lynch A #2

Section 34, T-20S, R-34E





Well Head (Leak Source)







Spill Run Area looking northwest





Spill Run Area Looking North



Excavation 03-13-15 Northwest



Excavation 03-13-15 North view



Spill Run Area looking West



Excavation 03-13-15 Westward



Excavation 03-13-15 Northeast



Backfill Northwest 03-13-15



Backfill Northeast 03-13-15



Backfill Westward 03-13-15



Backfill North 03-13-15

Appendix D Groundwater Study



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

	POD Sub-		Q							_	Depth	
POD Number CP 00654	Code basin Cour	ity 6				Tws 20S		X 640103	Y 3605947*	Well 60	Water (Column
CP 00655	LE		3	1	14	20S	34E	637294	3605108*	210		
CP 00656	LE	4	4	4	04	20S	34E	635342	3607391* 🌕	225		
CP 00657	LE		3	3	17	20S	34E	632465	3604239* 🎒	165		
CP 00665	LE		1	4	24	20S	34E	639740	3603128* 🎒	698	270	428
CP 00750	LE		3	4	07	20S	34E	631639	3605834* 🎒	320		
CP 00799	LE	4	3	4	34	20S	34E	636666	3599364* 🌑	100		
CP 00800	LE	2	2	2	22	20S	34E	637007	3603994* 🎒	220		
CP 01204 POD1	LE	3	1	1	25	20S	34E	638755	3602250 🌑	370		
CP 01288 POD1	LE	4	4	2	34	20S	34E	637134	3600204 🌕	1255	757	498
CP 01289 POD1	LE	4	4	2	34	20S	34E	637037	3600261 🌑	1222	651	571
CP 01330 POD1	LE	3	2	1	34	20S	34E	636197	3600483 🌑	1349	683	666
CP 01334 POD1	LE	3	2	4	35	20S	34E	638402	3599879 🌑	1253	732	521
CP 01335 POD1	LE	4	1	4	35	20S	34E	638205	3599736 🌑	1307	735	572
CP 01352 POD1	LE	3	1	4	34	20S	34E	636559	3599716 🌑	1254	785	469

Average Depth to Water: 659 feet

Minimum Depth: **270 feet**Maximum Depth: **785 feet**

(In feet)

Record Count: 15

PLSS Search:

Township: 20S Range: 34E