

February 04, 2019

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: TRUNK LINE

Enclosed are the results of analyses for samples received by the laboratory on 01/30/19 16:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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

Analytical Results For:

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

 Received: 01/30/2019
 Reported: 02/04/2019
 Project Name: TRUNK LINE
 Project Number: FAS-19-002
 Project Location: NONE GIVEN

 Sampling Date: 01/30/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: TT 1 - SURFACE (H900345-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	52000	16.0	02/02/2019	ND	416	104	400	3.77		

Sample ID: TT 1 - 1' (H900345-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6130	16.0	02/02/2019	ND	416	104	400	3.77		

Sample ID: TT 2 - SURFACE (H900345-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/02/2019	ND	416	104	400	3.77		

Sample ID: TT 2 - 1' (H900345-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3560	16.0	02/02/2019	ND	416	104	400	3.77		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

 Received: 01/30/2019
 Reported: 02/04/2019
 Project Name: TRUNK LINE
 Project Number: FAS-19-002
 Project Location: NONE GIVEN

 Sampling Date: 01/30/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: TT 3 - SURFACE (H900345-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	40400	16.0	02/02/2019	ND	416	104	400	3.77		

Sample ID: TT 3 - 1' (H900345-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	02/02/2019	ND	416	104	400	3.77		

Sample ID: TT 4 - SURFACE (H900345-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/02/2019	ND	416	104	400	3.77		

Sample ID: TT 4 - 1' (H900345-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1230	16.0	02/02/2019	ND	416	104	400	3.77		

Sample ID: TT 5 - SURFACE (H900345-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13500	16.0	02/02/2019	ND	416	104	400	3.77		

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Analytical Results For:

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

Received: 01/30/2019
Reported: 02/04/2019
Project Name: TRUNK LINE
Project Number: FAS-19-002
Project Location: NONE GIVEN

Sampling Date: 01/30/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: TT 5 - 1' (H900345-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6400	16.0	02/02/2019	ND	416	104	400	3.77		

Sample ID: TT 6 - SURFACE (H900345-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	40800	16.0	02/02/2019	ND	416	104	400	3.77	

Sample ID: TT 6 - 1' (H900345-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3560	16.0	02/02/2019	ND	416	104	400	3.77	

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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

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Safety and Environmental Solutions						P.O. #:		BILL TO								ANALYSIS REQUEST							
Project Manager: Bob Allen																							
Address: 703 East Clinton, PO Box 1613						Company: Same																	
City: Hobbs State: NM Zip: 88240						Attn:																	
Phone #: 575 397-0510 Fax #: 575 393-4388						Address:																	
Project #: FAS - 19-002 Project Owner:						City:																	
Project Name: Trunkline						State: Zip:																	
Project Location:						Phone #:																	
Sample Name: Bob allen						Fax #:																	
FOR LAB USE ONLY																							
Lab I.D.						Sample I.D.																	
H9DD345						(G)RAB OR (C)OMP.																	
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(575) 393-2326 FAX (575) 393-2476

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Relinquished By: <i>1</i>	Date: <i>10/10/10</i>	Received By: <i>1</i>	Phone Resu
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Return to Sender (If Not Delivered by Carrier, Addressed to Return to Sender, and Address is Opened Upon Mail or Other Above Stated Reasons of Undeliverability)			
Relinquished By: <i>[Signature]</i>	Date: <i>1/30/14</i>	Received By: <i>[Signature]</i>	
Relinquished By: <i>[Signature]</i>	Date: <i>1/30/14</i>	Received By: <i>[Signature]</i>	
Delivered By: (Circle One)	Time: <i>10:53</i>	Sample Condition	CHECKED BY: <i>[Signature]</i>
Sampler - UPS - Bus - Other: <i>3.50 / #97</i>		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)
		Yes <input type="checkbox"/> No <input type="checkbox"/>	
		Yes <input type="checkbox"/> No <input type="checkbox"/>	
REMARKS: <i>email: T.Zargatz@a&Ses-NA.com</i>			