

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company : Linn Operating, Inc	Contact : Ron Ragland	
Address : 600 Travis St., Suite 5100, Houston, TX 77002	Telephone No. : 575-738-1739	
Facility Name : Caprock Maljamar Unit North Injection Station	Facility Type: Injection Station	
Surface Owner : State	Mineral Owner	Lease No. : 306907

LOCATION OF RELEASE

Unit Letter B	Section 19	Township 17S	Range 33E	Feet from the	North/South Line	Feet from the	East/West Line	County LEA
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Latitude 32.8236 N Longitude -103.69769 W

NATURE OF RELEASE

Type of Release : BS&W	Volume of Release : 600 bbls	Volume Recovered: 520 bbls
Source of Release : Injection Line	Date and Hour of Occurrence: 8/26/10 6:00 pm	Date and Hour of Discovery: 8/26/10 6:00 pm
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Left message on recorder	
By Whom? Ron Ragland	Date and Hour : 8/27/10 4:20 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

A below grade 3" diameter fiberglass line ruptured. The injection system was subsequently shut-in, the injection line then excavated and repaired. A vacuum truck was brought to the site and 520 barrels of standing fluids were recovered.

Describe Area Affected and Cleanup Action Taken.*

The impacted area was excavated to 3-foot below ground surface, analytical testing was completed and impacted soil was transported to an approved NMOCD disposal facility. A 20 mil liner was installed and the excavated area was backfilled to grade with new material transported from a local borrow pit. The backfill material was contoured to match the surrounding terrain and will be seeded using the recommended seed mixture for the area.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD 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, NMOCD 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: <i>10/14/11</i>		OIL CONSERVATION DIVISION	
Printed Name: Ron Ragland		Approved by District Supervisor: <i>Environmental Specialist</i>	
Title: Senior Production Specialist		Approval Date: <i>7/5/16</i>	Expiration Date: <i>-</i>
E-mail Address: rragland@linenergy.com		Conditions of Approval:	
Date: 11/14/11 Phone: 575-738-1739		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

IRP-4335

30 025 32426



November 14, 2011

HOBBS OCD

DEC 06 2011

RECEIVED

Mr. Geoffrey Leking
NMOCD District 1
1625 N. French Dr.
Hobbs, NM 88240

Subject: **Remediation and Closure Report**
Linn Operating, Inc
Caprock Maljamar Unit, North Injection Station Trunk Line

Dear Mr. Leking,

Linn Operating, Inc. has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above Caprock Maljamar Unit, North Injection Station Trunk Line release. The incident description, soil sampling results, remediation activities and closure request are submitted herein.

Incident Date

August 26, 2010

Background Information

The Caprock Maljamar Unit, North Injection Station Trunk Line is located approximately five (5) miles southeast of Maljamar, New Mexico. The legal location for the site is Section 19, Township 17 South and Range 33 East in Lea County, New Mexico. More specifically, the latitude and longitude for the release are 32.8236 North and -103.69769 West.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Kimbrough Gravelly Loam land complex soils with 0 to 3 percent slopes. The local surface and shallow geology, Quaternary Age sedimentary deposits, is comprised of calcareous-loamy alluvium and calcareous-loamy eolian sands which includes silty soils underlain by sedimentary rock and hard caliches. Drainage courses in this area are normally dry. The New Mexico State Engineer's web site indicates the nearest ground water data to be in S20-T17S-R33E. The ground water in Section 16 is reported to be at an average depth of 190-feet below ground surface (bgs). The referenced groundwater data and final C-141 is presented in Appendix I.

The ranking for this site is 0 based on the as following:

Depth to ground water	>100'
Wellhead Protection Area	>1000'
Distance to surface water body	>1000'

AMARILLO

921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

ARTESIA

408 West Texas Ave.
Artesia, New Mexico 88210
Phone 575.746.8768
Fax 575.746.8905

AUSTIN

911 West Anderson Lane
Suite 202
Austin, Texas 78757
Phone 512.989.3428
Fax 512.989.3487

HOBBS

318 East Taylor Street
Hobbs, New Mexico 88240
Phone 575.393.4261
Fax 575.393.4658

MIDLAND

2901 State Hwy 349
Midland, Texas 79706
Phone 432.522.2133
Fax 432.522.2180

SAN ANTONIO

11 Commercial Place
Schertz, Texas 78154
Phone 210.265.8025
Fax 210.568.2191

TULSA

525 South Main Street
Suite 535
Tulsa, Oklahoma 74103
Phone 918.742.0871
Fax 918.382.0232

ENVIRONMENTAL CONSULTING

ENGINEERING

DRILLING

CONSTRUCTION

SPILL MANAGEMENT

GENERAL CONTRACTING

Toll Free: 866.742.0742
www.talonlpe.com

Incident Description

On August 26, 2010 a below grade 3" diameter fiberglass line ruptured. The injection system was subsequently shut-in, the injection line then excavated and repaired. Six hundred (600) barrels of BS&W (basic sediment and water) were released. A vacuum truck was brought to the location and five hundred and twenty (520) barrels of BS&W were recovered. The damaged area of the flow line is located 50-feet to the south of the lease road W-7. The impacted area was measured to be 140-feet long by 50-feet wide.

Actions Taken

On June 1, 2011 Talon personnel mobilized to the site to begin excavation of the chloride impacted area. The affected soil within the impacted area of the release was removed to an average depth of 3-feet transported to a NMOCD approved solid waste disposal facility, Lea Land, LLC as approved in the work plan. The excavated area was left open until approval for installing a 20 mil liner and backfilling of site was obtained from NMOCD.

Multiple sampling and field testing events for chlorides using field titration methods were conducted during the excavation process. The excavation had to be expanded and then re-sampled several times based on the field testing results.

On July 5, 2011 Talon personnel mobilized to the site to begin closure soil sampling activities on the sidewalls of the excavation per NMOCD requirements. Grab soil samples were collected utilizing a hand auger and submitted for laboratory analysis

Following laboratory results and additional excavation activities, Talon personnel again took confirmation samples from the south side-wall of the excavated area on July 14, 2011. A grab soil sample was collected and delivered to the lab on the same day.

Soils samples were collected by Talon personnel wearing clean nitrile gloves. The samples were placed in laboratory provided glassware, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for volatile organics pursuant to EPA Method 8021B; Total Petroleum Hydrocarbons (TPH) per EPA Method 8015M; and Total Chlorides via Method SM4500Cl-B.

Analytical Results

Analytical results detailed on the attached laboratory reports, Appendix II are summarized below.

July 8, 2011

<u>Sample</u>	<u>BTEX</u>	<u>TPH</u>	<u>Chlorides</u>
S-1, west side wall	<0.15	<10	32 mg/kg
S-2, north side wall	<0.15	<10	48
S-3, east side wall	<0.15	<10	32
S-4, south side wall	<0.15	<10	2320

July 18, 2011

<u>Sample</u>	<u>Chlorides</u>
S-4, south side wall	<16 mg/kg

For this site's ranking, New Mexico Oil Conservation District Recommended Remedial Action Levels (RRALs) for BTEX is 50 mg/kg, Benzene is 10 mg/kg and TPH is 5,000 mg/kg.

Closure

On July 26, 2011 Talon personnel returned to the site to begin installing a composite 20 millimeter over the excavated area. The edges of the liner was keyed a minimum of three 3-feet deep into a trench excavated at the boundaries of the impacted area.

The excavated area was subsequently backfilled to grade using new material transported from Lea Land, LLC and placed over the top of the 20 millimeter liner in a 4-foot soil lift. The soil lift was contoured to match the surrounding terrain and will be seeded using the recommended seed mixture for the area.

Conclusions and Recommendations

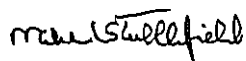
- Ground water in the project vicinity is approximately 190-feet below land surface per the New Mexico State Engineer Database.
- Based on the depth to groundwater and the installation of a 20 mil liner, it is unlikely that the impacts identified from this release will pose a threat to groundwater.

- Based upon the results of the sampling and analytical program, all chemical parameters tested for below the final depth of excavation are below their respective RRLs and approved by the NMOCD prior to completion of field activities.
- Therefore, on behalf of Linn Operating, Inc., we respectfully request that no further actions be required and that closure with respect to this release and that site closure be granted.

Should you have any questions or if further information is required, please do not hesitate to contact us at 575.746.8768.

Respectfully submitted,

TALON/LPE



Mike Stubblefield
Project Manager



David J. Adkins
District Manager

APPENDIX I
GROUNDWATER DATA
FINAL C-141



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

POD Number	Sub basin	Use	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 01883	IND	LE		4	4	4	13	17S	33E	630189	3633119*	260		
L 09891	PRO	LE		3	4	4	16	17S	33E	625163	3633043*	190		
L 10212	SRO	LE		4	4	02		17S	33E	628433	3636412*	273	168	105
Average Depth to Water:												168 feet		
Minimum Depth:												168 feet		
Maximum Depth:												168 feet		

Record Count: 3

PLSS Search:

Township: 17S Range: 33E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

APPENDIX II
LABORATORY RESULTS

July 08, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: CMU NORTH INJECTION STATION

Enclosed are the results of analyses for samples received by the laboratory on 07/05/11 13:18.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

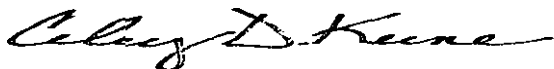
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (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:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	07/05/2011	Sampling Date:	07/05/2011
Reported:	07/08/2011	Sampling Type:	Soil
Project Name:	CMU NORTH INJECTION STATION	Sampling Condition:	Cool & Intact
Project Number:	701378.003.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 19 - 17S - R 35E		

Sample ID: S-1 WESTSIDE WALL (H101380-01)

BTEX 8021B			mg/kg		Analyzed By: CMS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/08/2011	ND	1.91	95.4	2.00	2.61	
Toluene*	<0.050	0.050	07/08/2011	ND	2.07	104	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/08/2011	ND	2.15	107	2.00	5.60	
Total Xylenes*	<0.150	0.150	07/08/2011	ND	6.37	106	6.00	5.71	

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 70-130

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/06/2011	ND	448	112	400	3.64	

TPH 8015M			mg/kg		Analyzed By: ab				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/06/2011	ND	219	110	200	11.8	
DRO >C10-C28	<10.0	10.0	07/06/2011	ND	193	96.5	200	8.62	

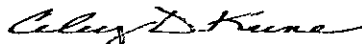
Surrogate: 1-Chlorooctane 100 % 70-130

Surrogate: 1-Chlorooctadecane 105 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	07/05/2011	Sampling Date:	07/05/2011
Reported:	07/08/2011	Sampling Type:	Soil
Project Name:	CMU NORTH INJECTION STATION	Sampling Condition:	Cool & Intact
Project Number:	701378.003.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 19 - 17S - R 35E		

Sample ID: S-2 NORTHSIDEWALL (H101380-02)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2011	ND	1.91	95.4	2.00	2.61	
Toluene*	<0.050	0.050	07/07/2011	ND	2.07	104	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/07/2011	ND	2.15	107	2.00	5.60	
Total Xylenes*	<0.150	0.150	07/07/2011	ND	6.37	106	6.00	5.71	

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/06/2011	ND	448	112	400	3.64	

TPH 8015M	mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/06/2011	ND	219	110	200	11.8	
DRO >C10-C28	<10.0	10.0	07/06/2011	ND	193	96.5	200	8.62	

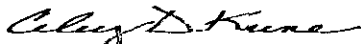
Surrogate: 1-Chlorooctane 99.8 % 70-130

Surrogate: 1-Chlorooctadecane 95.8 % 70-130

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	07/05/2011	Sampling Date:	07/05/2011
Reported:	07/08/2011	Sampling Type:	Soil
Project Name:	CMU NORTH INJECTION STATION	Sampling Condition:	Cool & Intact
Project Number:	701378.003.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 19 - 17S - R 35E		

Sample ID: S-3 EASTSIDE WALL (H101380-03)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/07/2011	ND	1.91	95.4	2.00	2.61		
Toluene*	<0.050	0.050	07/07/2011	ND	2.07	104	2.00	3.05		
Ethylbenzene*	<0.050	0.050	07/07/2011	ND	2.15	107	2.00	5.60		
Total Xylenes*	<0.150	0.150	07/07/2011	ND	6.37	106	6.00	5.71		

Surrogate: 4-Bromofluorobenzene (PIL) 116 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/06/2011	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/06/2011	ND	219	110	200	11.8	
DRO >C10-C28	<10.0	10.0	07/06/2011	ND	193	96.5	200	8.62	

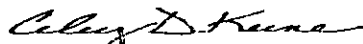
Surrogate: 1-Chlorooctane 92.1 % 70-130

Surrogate: 1-Chlorooctadecane 92.1 % 70-130

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	07/05/2011	Sampling Date:	07/05/2011
Reported:	07/08/2011	Sampling Type:	Soil
Project Name:	CMU NORTH INJECTION STATION	Sampling Condition:	Cool & Intact
Project Number:	701378.003.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 19 - 17S - R 35E		

Sample ID: S-4 SOUTHSIDE WALL (H101380-04)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2011	ND	1.91	95.4	2.00	2.61	
Toluene*	<0.050	0.050	07/07/2011	ND	2.07	104	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/07/2011	ND	2.15	107	2.00	5.60	
Total Xylenes*	<0.150	0.150	07/07/2011	ND	6.37	106	6.00	5.71	

Surrogate: 4-Bromofluorobenzene (PIL) 112 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	07/06/2011	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/06/2011	ND	219	110	200	11.8	
DRO >C10-C28	<10.0	10.0	07/06/2011	ND	193	96.5	200	8.62	

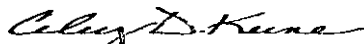
Surrogate: 1-Chlorooctane 101 % 70-130

Surrogate: 1-Chlorooctadecane 106 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

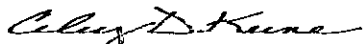
Notes and Definitions

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

[illegible]

Relinquished By:	Date:	Received By:	Phone Result:	Yes	No	Add'l Phone #:
<i>me (S. Stapfeld)</i>	7/5/2011	<i>Jacki Benson</i>	Fax Result:	Yes	No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:			
	Time: 1:18 PM					
	Date:					
	Time:					
Delivered By: (Circle One)	Sample Condition		CHECKED BY:			
Sampler - UPS - Bus - Other:	Cool	Intact	(Initials)			
	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<i>Jacki</i>			
	<input type="checkbox"/> No	<input type="checkbox"/> No				

Page 7 of 7

July 18, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: CMU NORTH INJECTION STATION

Enclosed are the results of analyses for samples received by the laboratory on 07/14/11 14:47.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

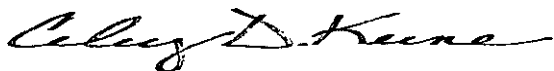
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (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:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	07/14/2011	Sampling Date:	07/14/2011
Reported:	07/18/2011	Sampling Type:	Soil
Project Name:	CMU NORTH INJECTION STATION	Sampling Condition:	Cool & Intact
Project Number:	701378.003.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 19 - 17S - R 33E		

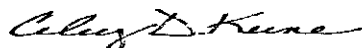
Sample ID: S-4 SOUTHSIDE WALL (H101456-01)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/15/2011	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

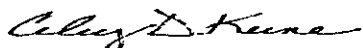
Notes and Definitions

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

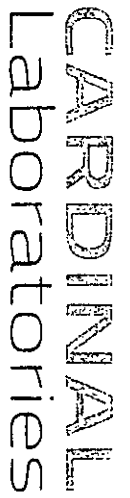
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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