

November 15, 2011

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

Mr. Mike Bratcher
NMOCD District 2
811 S. 1st Street
Artesia, NM 88210

Subject: **Remediation and Closure Report**
Linn Operating, New Mexico
Turner B No. 103 Release
API # 30-015-26665 – 2RP-565

Dear Mr. Bratcher,

Linn Operating has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced Turner B No. 103 release. The incident description, soil assessment, remediation activities and closure request are submitted herein.

Incident Date

December 10, 2010

Background Information

The Turner B No. 103 is located approximately thirty-one (31) miles southeast of Artesia, New Mexico. The legal location for the site is Section 20, Township 17 South and Range 31 East in Eddy County, New Mexico. More Specifically the latitude and longitude for the release are 32.82372 North and -103.88751 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 Largo Loam soils with 1 to 5 percent slopes. The local surface and shallow geology, Quaternary Age sedimentary deposits, is comprised of piedmont deposits and eolian sands which includes silty soils underlain by hard caliche layers. Drainage courses in this area are normally dry. The New Mexico State Engineer web site indicates the nearest ground water data to be in S7-T18S-R32E. The ground water depth in the area is reported to be at a depth of 430' below ground surface (bgs).

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'

Incident Description

On December 10, 2010 the flow line located at the Turner B No. 103 ruptured. The flow line was taken out of service, repaired and placed back into service. Twelve (12) barrels of produced water and hydrocarbons were released. A vacuum truck was brought to the location and nine (9) barrels of mixed fluids were recovered. The impacted area was located by the pumping unit. The release ran across the location (90'x15') and down the hillside due south of the location. The first flow paths on the hillside are estimated to be 259-feet long by 1 to 2 feet wide. The second flow path which flowed off the location going due west was measured to be 200-feet by 1 to 2 feet wide. There were no pooling areas located at the end of the flow paths.

Actions Taken

On June 20, 2011 Talon personnel mobilized to the site to begin excavation activities. The impacted soil from the location was removed to an average depth of 4-feet deep. The impacted soil was excavated and transported to an NMOCD approved solid waste disposal facility, Lea Land, LLC. The excavated area was left open until approval for the installation of a 1-foot thick compacted clay barrier was obtained from the BLM as required.

On August 3, 2011 Talon personnel mobilized to the site to begin closure soil sampling activities on the sidewalls of the excavation per NMOCD and BLM requirements. Grab soil samples were collected and submitted for laboratory analysis.

The grab soil samples were collected by Talon personnel wearing clean nitrile gloves. The soil samples were placed in laboratory provided sample containers, stored on ice or refrigerated, and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for volatile organics (BTEX) per EPA Method 8021B; total Petroleum Hydrocarbons (TPH) per EPA Method 8015M; and total chlorides via Method SM 4500Cl-B. The complete laboratory report is attached.

Analytical Results

Analytical results detailed on the attached laboratory reports summarized below.

<u>Sample</u>	<u>Chlorides</u>	<u>BTEX</u>	<u>TPH</u>
S-1, north side wall	16 mg/kg	<0.15 mg/kg	<10 mg/kg
S-2, east side wall	112	0.139	25.4
S-3, south side wall	352	<0.15	21.7
S-4, west side wall	<16	<0.15	<10

<u>Sample</u>	<u>Chlorides</u>	<u>BTEX</u>	<u>TPH</u>
S-5, FP-1 * south side wall	576	<0.15	448
S-6, FP-1 * north side wall	112	<0.15	69.9
S-7, FP-2 * west side wall	128 mg/kg	<0.15 mg/kg	212 mg/kg
S-8, FP-2 * east side wall	144	<0.15	190

***Flow Path**

For this site's ranking, New Mexico Oil Conservation District action level criterion for BTEX is 50 mg/kg and TPH is 5,000 mg/kg. The chloride remediation standard is considered to be 1,000 mg/kg.

Closure

On August 9, 2011 BLM accepted the laboratory results and approved installation of a 1-foot thick compacted clay barrier.

Talon personnel returned to the site to begin installing the clay barrier. The excavated area was backfilled to grade with new material transported from a local borrow pit and placed over the top of the 1-foot clay barrier in a 3-foot soil lift. The soil lift was contoured to match the surrounding terrain, a berm was installed around location to prevent future spills and erosion control berms were installed in the pasture area. The location will be seeded using the recommended seed mixture for the area.

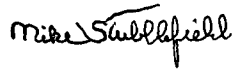
Conclusions and Recommendations

- Ground water in the project vicinity is greater than 400-feet below land surface per the New Mexico State Engineer Database.
- The impacted area has been excavated to a depth of 4-feet deep.
- Based on the depth to groundwater and the installation of a 1-foot thick clay barrier, it is unlikely that the impacts identified from this release will pose a threat to groundwater.
- The results of the sampling and analytical program were approved by the BLM and NMOCD prior to completion of field activities.
- Therefore, on behalf of Linn Operating, we respectfully request that no further actions be required and that closure with respect to this release 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

A handwritten signature in black ink that reads "Mike Stubblefield". The signature is written in a cursive, slightly slanted style.

Mike Stubblefield
Project Manager

A handwritten signature in black ink that reads "David J. Adkins". The signature is written in a cursive, slightly slanted style.

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	Distance	Depth Well	Depth Water	Water Column
RA 11590 POD3			ED	3	1	2	32	17S	31E	603932	3629260	3338	60		
RA 11590 POD4			ED	4	1	1	32	17S	31E	603308	3629253	3456	55		
RA 11590 POD1			ED	2	1	3	32	17S	31E	603315	3628545	4141	158		
RA 10175	SAN		LE	2	1	28	17S	32E	614814	3631005*	10705	158			
CP 00672	STK		LE	4	4	07	18S	32E	612475	3624947*	11242	524	430	94	
CP 00566	DOM		LE	4	4	1	04	18S	32E	614960	3627280*	11973	133	65	68

Average Depth to Water: **247 feet**

Minimum Depth: **65 feet**

Maximum Depth: **430 feet**

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 604226

Northing (Y): 3632586

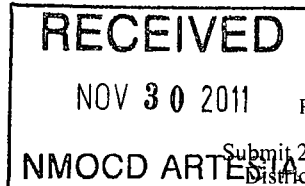
Radius: 12000

*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.

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	Contact : Ron Ragland	
Address : 13694 Lovington Hwy., Loco Hills Mexico 88255	Telephone No. : 575-738-1739	
Facility Name : Turner B #103	Facility Type: Producing well	
Surface Owner : Federal	Mineral Owner	Lease No. : API #30-015-26665 2RP-565

LOCATION OF RELEASE

Unit Letter B	Section 20	Township 17S	Range 31E	Feet from the 1300'	North/South Line FNL	Feet from the 2590'	East/West Line FWL	County Eddy
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Latitude 32.82372 Longitude -103.88751

NATURE OF RELEASE

Type of Release : Oil & Produced Water	Volume of Release : 12 bbls	Volume Recovered: 9 bbls
Source of Release : Flow Line	Date and Hour of Occurrence: 12/10/10 am	Date and Hour of Discovery: 12/10/10 10:00 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Terry Gregston	
By Whom? Dennis Potter	Date and Hour : 12/10/10 11:00 am	
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.*

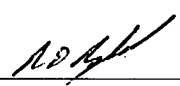
Describe Cause of Problem and Remedial Action Taken.*

The flow line froze and plugged off, the flow line ruptured near the pumping unit. The well was shut-in and the flow line was repaired. A vacuum truck was immediately called to pick up fluids. The impacted soil on the location was excavated and hauled to Lea Land, LLC.

Describe Area Affected and Cleanup Action Taken.*

The impacted area was excavated to 4-foot below ground surface, analytical testing was completed and impacted soil was transported to Lea Land, LLC. A 1-foot thick clay barrier 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, a berm was installed around location and erosion control berms were installed in the pasture area. The location 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: 	OIL CONSERVATION DIVISION		
Printed Name: Ron Ragland	Approved by District Supervisor:		
Title: Senior Production Specialist	Approval Date:	Expiration Date:	
E-mail Address: rragland@linenergy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 11/15/11 Phone: 575-738-1739			

* Attach Additional Sheets If Necessary

APPENDIX II
LABORATORY RESULTS

August 08, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TURNER B #103

Enclosed are the results of analyses for samples received by the laboratory on 08/04/11 8:00.

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.

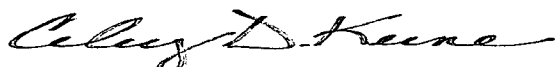
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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: 08/04/2011
 Reported: 08/08/2011
 Project Name: TURNER B #103
 Project Number: 700813.004.01
 Project Location: SEC.20-T17S. R31E

 Sampling Date: 08/03/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-1 NORTHSIDE WALL (H101616-01)

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	08/05/2011	ND	1.80	90.0	2.00	1.92		
Toluene*	<0.050	0.050	08/05/2011	ND	1.74	86.9	2.00	1.49		
Ethylbenzene*	<0.050	0.050	08/05/2011	ND	1.77	88.7	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/05/2011	ND	5.30	88.3	6.00	0.802		

Surrogate: 4-Bromofluorobenzene (PIL) 96.7 % 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	16.0	16.0	08/04/2011	ND	368	92.0	400	12.2		

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	08/06/2011	ND	190	95.2	200	1.22	
DRO >C10-C28	<10.0	10.0	08/06/2011	ND	172	85.9	200	1.73	

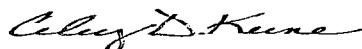
Surrogate: 1-Chlorooctane 110 % 70-130

Surrogate: 1-Chlorooctadecane 121 % 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: 08/04/2011
Reported: 08/08/2011
Project Name: TURNER B #103
Project Number: 700813.004.01
Project Location: SEC.20-T17S. R31E

Sampling Date: 08/03/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-2 EASTSIDE WALL (H101616-02)

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	08/05/2011	ND	1.80	90.0	2.00	1.92	
Toluene*	0.139	0.050	08/05/2011	ND	1.74	86.9	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/05/2011	ND	1.77	88.7	2.00	1.31	
Total Xylenes*	<0.150	0.150	08/05/2011	ND	5.30	88.3	6.00	0.802	

Surrogate: 4-Bromofluorobenzene (PIL) 97.4 % 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	112	16.0	08/04/2011	ND	368	92.0	400	12.2		

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	08/06/2011	ND	190	95.2	200	1.22	
DRO >C10-C28	25.4	10.0	08/06/2011	ND	172	85.9	200	1.73	

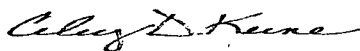
Surrogate: 1-Chlorooctane 98.9 % 70-130

Surrogate: 1-Chlorooctadecane 109 % 70-130

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

 Received: 08/04/2011
 Reported: 08/08/2011
 Project Name: TURNER B #103
 Project Number: 700813.004.01
 Project Location: SEC.20-T17S. R31E

 Sampling Date: 08/03/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-3 SOUTHSIDE WALL (H101616-03)

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	08/05/2011	ND	1.80	90.0	2.00	1.92		
Toluene*	<0.050	0.050	08/05/2011	ND	1.74	86.9	2.00	1.49		
Ethylbenzene*	<0.050	0.050	08/05/2011	ND	1.77	88.7	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/05/2011	ND	5.30	88.3	6.00	0.802		

Surrogate: 4-Bromofluorobenzene (PIL) 95.7 % 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	352	16.0	08/04/2011	ND	368	92.0	400	12.2		

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	08/06/2011	ND	210	105	200	0.924	
DRO >C10-C28	21.7	10.0	08/06/2011	ND	193	96.5	200	2.13	

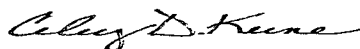
Surrogate: 1-Chlorooctane 105 % 70-130

Surrogate: 1-Chlorooctadecane 119 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 ARTESIA NM, 88210
 Fax To: (575) 745-8905

 Received: 08/04/2011
 Reported: 08/08/2011
 Project Name: TURNER B #103
 Project Number: 700813.004.01
 Project Location: SEC.20-T17S. R31E

 Sampling Date: 08/03/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-4 WESTSIDE WALL (H101616-04)

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	08/05/2011	ND	1.80	90.0	2.00	1.92	
Toluene*	<0.050	0.050	08/05/2011	ND	1.74	86.9	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/05/2011	ND	1.77	88.7	2.00	1.31	
Total Xylenes*	<0.150	0.150	08/05/2011	ND	5.30	88.3	6.00	0.802	

Surrogate: 4-Bromofluorobenzene (PIL) 95.8 % 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	<16.0	16.0	08/04/2011	ND	368	92.0	400	12.2	

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	08/06/2011	ND	210	105	200	0.924	
DRO >C10-C28	<10.0	10.0	08/06/2011	ND	193	96.5	200	2.13	

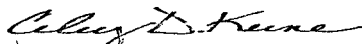
Surrogate: 1-Chlorooctane 108 % 70-130

Surrogate: 1-Chlorooctadecane 119 % 70-130

Cardinal Laboratories

* = Accredited Analyte

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 ARTESIA NM, 88210
 Fax To: (575) 745-8905

 Received: 08/04/2011
 Reported: 08/08/2011
 Project Name: TURNER B #103
 Project Number: 700813.004.01
 Project Location: SEC.20-T17S. R31E

 Sampling Date: 08/03/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-5 FP-1 SOUTHSIDE WALL (H101616-05)

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	08/05/2011	ND	1.80	90.0	2.00	1.92	
Toluene*	<0.050	0.050	08/05/2011	ND	1.74	86.9	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/05/2011	ND	1.77	88.7	2.00	1.31	
Total Xylenes*	<0.150	0.150	08/05/2011	ND	5.30	88.3	6.00	0.802	

Surrogate: 4-Bromofluorobenzene (PIL) 95.5 % 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	576	16.0	08/04/2011	ND	368	92.0	400	12.2	
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	08/07/2011	ND	210	105	200	0.924	
DRO >C10-C28	448	10.0	08/07/2011	ND	193	96.5	200	2.13	

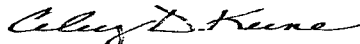
Surrogate: 1-Chlorooctane 114 % 70-130

Surrogate: 1-Chlorooctadecane 119 % 70-130

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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: 08/04/2011
Reported: 08/08/2011
Project Name: TURNER B #103
Project Number: 700813.004.01
Project Location: SEC.20-T17S. R31E

Sampling Date: 08/03/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-6 FP-1 NORTHSIDE WALL (H101616-06)

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	08/05/2011	ND	1.80	90.0	2.00	1.92		
Toluene*	<0.050	0.050	08/05/2011	ND	1.74	86.9	2.00	1.49		
Ethylbenzene*	<0.050	0.050	08/05/2011	ND	1.77	88.7	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/05/2011	ND	5.30	88.3	6.00	0.802		

Surrogate: 4-Bromofluorobenzene (PIE) 97.1 % 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	112	16.0	08/04/2011	ND	368	92.0	400	12.2		
TPH 8015M		mg/kg		Analyzed By: ab						

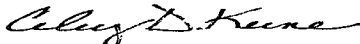
Surrogate: 1-Chlorooctane 104 % 70-130

Surrogate: 1-Chlorooctadecane 116 % 70-130

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

Received: 08/04/2011
Reported: 08/08/2011
Project Name: TURNER B #103
Project Number: 700813.004.01
Project Location: SEC.20-T17S. R31E

Sampling Date: 08/03/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-7 FP-2 WESTSIDE WALL (H101616-07)

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	08/05/2011	ND	1.80	90.0	2.00	1.92	
Toluene*	<0.050	0.050	08/05/2011	ND	1.74	86.9	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/05/2011	ND	1.77	88.7	2.00	1.31	
Total Xylenes*	<0.150	0.150	08/05/2011	ND	5.30	88.3	6.00	0.802	

Surrogate: 4-Bromofluorobenzene (PIL) 96.0 % 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	128	16.0	08/04/2011	ND	368	92.0	400	12.2	
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	08/07/2011	ND	210	105	200	0.924	
DRO >C10-C28	212	10.0	08/07/2011	ND	193	96.5	200	2.13	

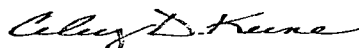
Surrogate: 1-Chlorooctane 120 % 70-130

Surrogate: 1-Chlorooctadecane 129 % 70-130

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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: 08/04/2011
Reported: 08/08/2011
Project Name: TURNER B #103
Project Number: 700813.004.01
Project Location: SEC.20-T17S. R31E

Sampling Date: 08/03/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-8 FP-2 EASTSIDE WALL (H101616-08)

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	08/05/2011	ND	1.80	90.0	2.00	1.92	
Toluene*	<0.050	0.050	08/05/2011	ND	1.74	86.9	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/05/2011	ND	1.77	88.7	2.00	1.31	
Total Xylenes*	<0.150	0.150	08/05/2011	ND	5.30	88.3	6.00	0.802	

Surrogate: 4-Bromofluorobenzene (PIL) 98.2 % 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	144	16.0	08/04/2011	ND	368	92.0	400	12.2	
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	08/07/2011	ND	210	105	200	0.924	
DRO >C10-C28	190	10.0	08/07/2011	ND	193	96.5	200	2.13	

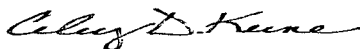
Surrogate: 1-Chlorooctane 119 % 70-130

Surrogate: 1-Chlorooctadecane 126 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

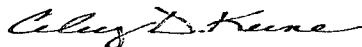
Notes and Definitions

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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Relinquished By:	Date: 8/3/2011	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: 4:21 PM		Scott Jensen	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date: 8/4/11	Received By:	REMARKS:	
Time: 8:00		Joelle Benson		
Delivered By: (Circle One)		Sample Condition		
		Cool Intact		
		<input type="checkbox"/> Yes <input type="checkbox"/> Yes		
		<input type="checkbox"/> No <input type="checkbox"/> No		
Sampler - UPS - Bus - Other:		CHECKED BY:		
		(Initials)		