

Closure Report nAB1501541211

Site Description

Site Name:	FEDERAL 26 #003H
Company:	Oxy USA, Inc.
Legal Description:	UL C, SECTION 26, TOWNSHIP 22 S, RANGE 31 E
County:	EDDY COUNTY, NM
GPS Coordinates:	32.3680047, -103.7502465

Release Data

Date of Release:	12/15/2014
Type of Release:	PRODUCED WATER & CRUDE OIL
Source of Release:	POLY PRODUCTION LINE
Volume of Release:	16 BBLS PRODUCED WATER & 5 BBLS CRUDE OIL
Volume Recovered:	0 BBLS

Remediation Specifications

Remediation Parameters:	This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been delineated, received an approved plan from the OCD and was remediated. A Closure Report was created and submitted but the Closure Report was not found on the OCD web site. The original Closure Report is therefore attached and being re-submitted for closure approval per Mike Bratcher's instructions.	
Remediation Activities:	FEBRUARY - MARCH 2015	
Plan Sent to OCD:	1/9/2015	
OCD Approval of Plan:	1/20/2015	
Plan Sent to BLM:	1/13/2015	
BLM Approval of Plan:	1/20/2015	

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram		
Pictures		
Lab Summary/Analysis		
Notifications		

Request for Closure

Based on the completion of the remediation plan, BBC International requests closure approval from NMOCD.

Cliff P. Brunson
President, BBC International, Inc.

8/30/2022

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	nAB1501541211
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 8-30-22
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 09/07/2022
 Printed Name: Jennifer Nobui Title: Environmental Specialist A



March 27, 2015

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

AMARILLO
921 North Blvins
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

Subject: **Remediation and Closure Report**
OXY USA Inc.
Federal 26 #003
30-015-26788 2RP-2740
Lease No. NMNM-62590

Dear Mr. Bratcher,

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

OXY USA Inc. (Oxy) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment, completed remediation activities and closure request are submitted herein.

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

Incident Date

The release was discovered on December 15, 2014

OKLAHOMA CITY
7700 North Hudson Avenue
Suite 10
Oklahoma City, Oklahoma 73116
Phone 405.486.7030
Fax 806.467.0622

Background Information

The Oxy Federal 26 #003 is located approximately forty-five (45) miles southeast of Carlsbad, New Mexico. The legal location for this site is Unit Letter C, Section 26, Township 22 South, and Range 31 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.3680047 North and -103.7502465 West.

SAN ANTONIO
13111 Lookout Way
San Antonio, Texas 78233
Phone 210.265.8025
Fax 210.568.2191

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of the Berino complex with 0 to 3 percent slopes, eroded. Drainage courses in this area are normally dry. Ground water in the project vicinity is approximately 401-feet below ground surface (bgs) according to the New Mexico Office of the State Engineer.

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

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

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Toll Free: 866.742.0742
www.talonlpe.com

Incident Description

A 3-inch poly line split causing a release of 16bbls of produced water and 5bbls of oil. No fluids were recovered. The area affected was along the lease road approximately 200-feet southeast of the wellhead. The fluid flowed from the release point down the side of the lease road in the drainage ditch for approximately 1500-feet. Talon mobilized personnel to conduct a site assessment and perform soil sampling within the impacted area.

Remedial Actions Taken

Pursuant to our work plan approved by the BLM and NMOCD, the areas in the vicinity of sample locations S-1, S-5, S-6, S-8, and S-9 were excavated to a depth of 1-foot deep. The area in the vicinity of sample location S-7 was excavated to a depth of 2-feet deep.

The dirt work was performed by others.

All of the contaminated soil was transported to Lea Land, LLC, an approved disposal facility.

The excavation was backfilled with top soil and contoured to match the surrounding terrain. The area in the pasture was seed with the recommended BLM seed mix. Seeding label is attached.

Closure

On behalf of Oxy USA Inc, we respectfully request that no further actions be required and that closure with respect to these releases be granted. A Final C-141 is also attached.

If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

Kimberly M. Wilson
Project Manager

David J. Adkins
District Manager

From: Patterson, Heather, EMNRD
To: "[Kimberly M. Wilson](mailto:Kimberly.M.Wilson)"
Cc: [David Adkins](mailto:David.Adkins); [Christopher Jones@oxy.com](mailto:Christopher.Jones@oxy.com); [Bratcher, Mike, EMNRD](mailto:Bratcher.Mike); [Hughes, Solomon](mailto:Hughes.Solomon)
Subject: RE: Federal 26 #3 * 30-015-26788 * Lease No# NMNM-62590
Date: Tuesday, January 20, 2015 7:04:00 AM
Attachments: image001.png

RE: Oxy * Federal 26 #3 * 30-015-26788 * **2RP-2740**

Kimberly,

This work plan is approved as written. Please advise if excavation depths are not achieved.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Heather Patterson
Environmental Specialist
NMOCD District II
(575)748-1283 ext.101

From: Kimberly M. Wilson [mailto:kwilson@talonlpe.com]
Sent: Tuesday, January 13, 2015 3:35 PM
To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD; Hughes, Solomon
Cc: David Adkins; [Christopher_Jones@oxy.com](mailto:Christopher.Jones@oxy.com)
Subject: Federal 26 #3 * 30-015-26788 * Lease No# NMNM-62590

Hello All,

Attached please find the work plan for the above referenced release.

Sol, this flowed down the lease road then off into the pasture.

Respectfully submitted,

Kimberly M. Wilson
Project Manager
Talon/LPE
408 West Texas Avenue
Artesia, New Mexico 88210
Office: 575.746.8768
Fax: 575.746.8905
Cell: 575.602.3826
Emergency: 866.742.0742

Email: kwilson@talonlpe.com

Web: www.talonlpe.com



Better Business Bureau Torch Award for Marketplace Ethics: 2010 Winner, 2009 Finalist

Staples Foundation for Learning Hall of Fame Recipient:2010

ICIC and Business Week- Top 100: 2010, 2009, 2008, 2007, 2006

Inc. 500/5000: 2012, 2011, 2010, 2009, 2008, 2007

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: OXY USA INC	Contact: Chris Jones
Address: 102 S. Main St. Carlsbad, NM 88220	Telephone No.: 575-628-4121
Facility Name: Federal 26 Federal #3H	Facility Type: Well

Surface Owner: Federal	Mineral Owner:	API No.: 30-015-26788 Lease No.: NMNM-62590
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LOCATION OF RELEASE

Unit Letter C	Section 26	Township 22S	Range 31E	Feet from the 610'	North/South Line North	Feet from the 2130'	East/West Line West	County Eddy
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Latitude **32.3680047 N** Longitude **-103.750246 W**

NATURE OF RELEASE

Type of Release: Mixed Fluids	Volume of Release: 5 bbls Oil & 16 bbls PW	Volume Recovered: 0 bbls
Source of Release: 3" Poly Line	Date and Hour of Occurrence 12/15/2014	Date and Hour of Discovery 12/15/2014
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher/OCD - email Jeff Robertson/OCD -- email	
By Whom? Kimberly Wilson	Date and Hour: 12/16/14	
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 3-inch poly line split causing a release of 16bbls of produced water and 5bbls of oil. 0bbls of fluid were recovered. The area affected was along the lease road approximately 200-feet southeast of the wellhead. The fluid flowed from the release point down the side of the lease road in the drainage ditch for approximately 1500-feet.**

Describe Area Affected and Cleanup Action Taken.*
Talon/LPE was contracted by Oxy for the correction of this release. Pursuant to our work plan approved by the BLM and NMOCD, the areas in the vicinity of sample locations S-1, S-5, S-6, S-8, and S-9 were excavated to a depth of 1-foot deep. The area in the vicinity of sample location S-7 was excavated to a depth of 2-feet deep. All of the contaminated soil was transported to Lea Land, LLC, an approved disposal facility. The excavation was backfilled with top soil and contoured to match the surrounding terrain. The area in the pasture was seed with the recommended BLM seed mix. We ask that no further actions be required.

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: Chris Jones		Approved by Environmental Specialist:	
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Christopher.Jones@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 3/27/2015	Phone: 575-628-4121		

Attach Additional Sheets If Necessary



January 9, 2015

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

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

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

OKLAHOMA CITY
7700 North Hudson Avenue
Suite 10
Oklahoma City, Oklahoma 73116
Phone 405.486.7030
Fax 806.467.0622

SAN ANTONIO
13111 Lookout Way
San Antonio, Texas 78233
Phone 210.265.8025
Fax 210.568.2191

Subject: **Soil Assessment and Remediation Work Plan**
Oxy Permian LTD
Federal 26 #003
30-015-26788 (Lease No. NMNM-62590)

Dear Mr. Bratcher,

Oxy Permian (Oxy) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment and proposed remediation activities consist of the following.

Incident Date

The release was discovered on December 15, 2014

Background Information

The Oxy Federal 26 #003 is located approximately forty-five (45) miles southeast of Carlsbad, New Mexico. The legal location for this site is Unit Letter C, Section 26, Township 22 South, and Range 31 East in Eddy county, new Mexico. More specifically the latitude and longitude for the release are 32.3680047 North and - 103.7502465 West.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of the Berino complex with 0 to 3 percent slopes, eroded. Drainage courses in this area are normally dry. Ground water in the project vicinity is approximately 401-feet below ground surface (bgs) according to the New Mexico Office of the State Engineer. The referenced groundwater data is presented in [Appendix II](#).

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

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

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Toll Free: 866.742.0742

Incident Description

A 3-inch poly line split causing a release of 16bbbls of produced water and 5bbbls of oil. 0bbbls of fluid were recovered. The area affected was along the lease road approximately 200-feet southeast of the wellhead. The fluid flowed from the release point down the side of the lease road in the drainage ditch for approximately 1500-feet. Talon mobilized personnel to conduct a site assessment and perform soil sampling within the impacted area. The analytical results from the soil sampling activities are summarized in the table below.

Laboratory Results

See [Appendix III](#) for complete report of laboratory results.

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0	54.3	1010	2830	16100
S-1	1	ND	32	ND	ND
S-1	2	ND	ND	ND	ND
S-1	3	ND	ND	ND	ND
S-2	0	1.48	592	153	3230
S-2	1	ND	ND	ND	ND
S-2	2	ND	ND	ND	ND
S-2	3	ND	ND	ND	ND
S-3	0	ND	464	52.5	2980
S-3	1	ND	48	ND	ND
S-3	2	ND	32	ND	ND
S-3	3	ND	32	ND	ND
S-4	0	ND	256	ND	970
S-4	1	ND	ND	ND	ND
S-4	2	ND	ND	ND	ND
S-5	0	ND	1580	ND	302
S-5	1	ND	48	ND	ND
S-5	2	ND	ND	ND	ND
S-5	3	ND	ND	ND	ND
S-6	0	2.01	17200	182	3420
S-6	1	ND	48	ND	ND
S-6	2	ND	ND	ND	ND
S-6	3	ND	112	ND	ND
S-7	0	19.9	17200	1340	9270
S-7	1	ND	5200	ND	ND
S-7	2	ND	112	ND	ND
S-7	3	ND	80	ND	ND
S-8	0	ND	7330	ND	ND
S-8	1	ND	ND	ND	ND
S-8	2	ND	96	ND	ND
S-8	3	ND	240	ND	ND

S-9	0	ND	7460	ND	ND
S-9	1	ND	48	ND	ND
S-9	2	ND	ND	ND	ND
S-9	3	ND	ND	ND	ND

(ND) Analyte Not Detected

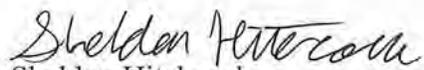
Based upon the site ranking of 0, NMOCD Recommended Remedial Action Levels (RRAL) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, and 5,000 mg/kg for TPH.

Proposed Remedial Actions

- The areas in the vicinity of sample locations S-1, S-5, S-6, S-8, and S-9 will be excavated to a depth of 1-foot bgs.
- The area in the vicinity of sample location S-7 will be excavated to a depth of 2-feet bgs.
- All of the excavated material will be hauled to an NMOCD approved solid waste disposal facility.
- The excavation will be backfilled with top soil and contoured to match the surrounding terrain.
- Once the excavation is backfilled it will be seeded with the recommended BLM seed mixture for this area.

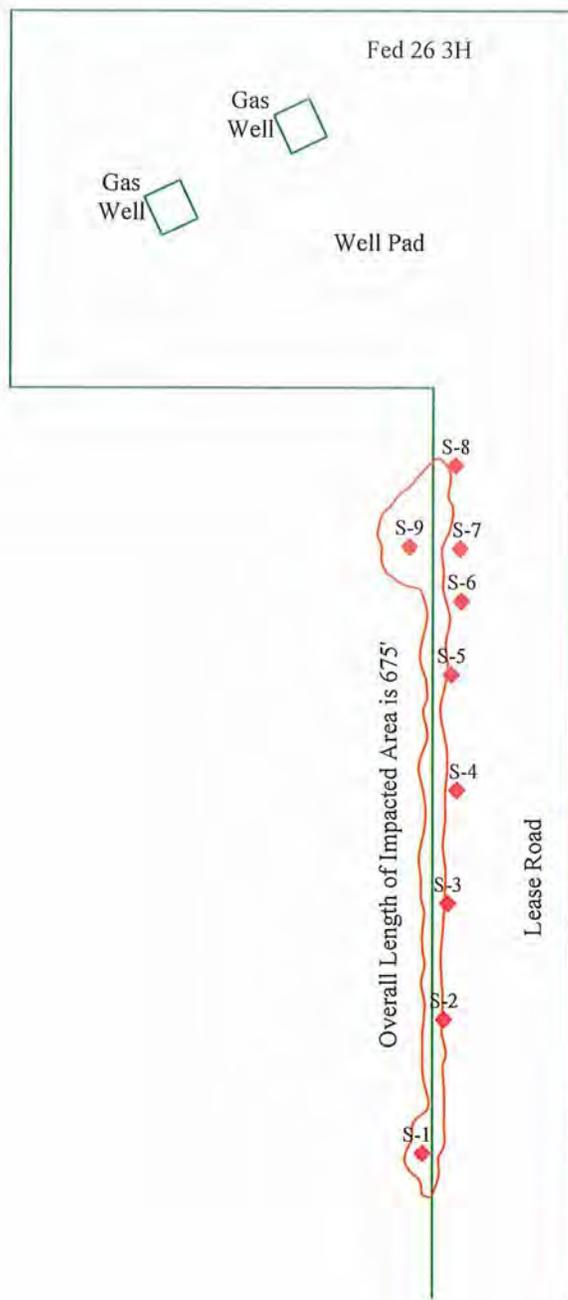
Should you have any questions or if further information is required, please do not hesitate to contact our office at (575)-746-8768

Respectfully submitted,


Sheldon Hitchcock
Project Manager


David J. Adkins
District Manager

SITE PLAN



NTS
Scale in Feet

Legend

- ◆ - Sample Location
- - Impacted Area



Date: 01/06/2015
Scale: NTS
Drawn By: TJS

Federal 26 #3H
Oxy - NM - North
Eddy County, New Mexico
Figure 1 - Site Plan

GROUNDWATER DATA
INITIAL C-141



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)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03138			ED	3	3	3	26	22S	31E	617043	3580591*	1419	750		
C 02756			ED	3	4	4	26	22S	31E	618250	3580606*	1726	1998		
C 03152			ED	3	4	4	26	22S	31E	618250	3580606*	1726	938		
C 02685			ED	2	2	2	28	22S	31E	615218	3581978*	2011	900		
C 03150			ED	2	4	4	14	22S	31E	618412	3584025*	2346	981		
C 02416			ED	3	2	4	28	22S	31E	615027	3580973*	2428	800	401	399
C 02757			ED	4	4	4	28	22S	31E	615232	3580571*	2454	4057		
C 02420			ED	4	2	3	28	22S	31E	614423	3580964*	2990	779	450	329
C 02421			ED	4	2	3	28	22S	31E	614423	3580964*	2990	786	450	336
C 02422			ED	4	2	3	28	22S	31E	614423	3580964*	2990	785	450	335
C 02423			ED	4	2	3	28	22S	31E	614423	3580964*	2990	782	450	332
C 02424			ED	4	2	3	28	22S	31E	614423	3580964*	2990	786	450	336
C 02425			ED	4	2	3	28	22S	31E	614423	3580964*	2990	788	450	338
C 02426			ED	4	2	3	28	22S	31E	614423	3580964*	2990	785	450	335

Average Depth to Water: **443 feet**
 Minimum Depth: **401 feet**
 Maximum Depth: **450 feet**

Record Count: 14

UTMNAD83 Radius Search (in meters):

Easting (X): 617229

Northing (Y): 3581998

Radius: 3000

*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
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: OXY USA INC		Contact: Chris Jones
Address: 102 S. Main St. Carlsbad, NM 88220		Telephone No.: 575-628-4121
Facility Name: Federal 26 Federal #3H		Facility Type: Well
Surface Owner: Federal	Mineral Owner:	API No.: 30-015-26788 Lease No.: NMNM-62590

LOCATION OF RELEASE

Unit Letter C	Section 26	Township 22S	Range 31E	Feet from the 610'	North/South Line North	Feet from the 2130'	East/West Line West	County Eddy
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Latitude **32.3680047 N** Longitude **-103.750246 W**

NATURE OF RELEASE

Type of Release: Mixed Fluids	Volume of Release: 5 bbls Oil & 16 bbls PW	Volume Recovered: 0 bbls
Source of Release: 3" Poly Line	Date and Hour of Occurrence 12/15/2014	Date and Hour of Discovery 12/15/2014
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher/OCD -- email Jeff Robertson/OCD -- email	
By Whom? Kimberly Wilson	Date and Hour: 12/16/14	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

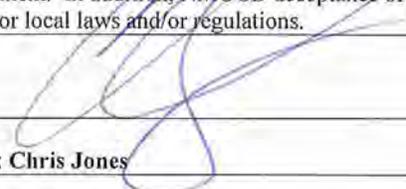
If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* **A 3-inch poly line split causing a release of 16 barrels of produced water and 5 barrels of oil. Talon/LPE was contracted to perform an initial site assessment and soil sampling.**

Describe Area Affected and Cleanup Action Taken.*

The area affected is approximately 200-feet southeast of the wellhead measuring approximately 1500-feet long off the location and down the drainage ditch.

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: 	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Chris Jones	Approved by Environmental Specialist:	
Title: HES Specialist	Approval Date:	Expiration Date:
E-mail Address: Christopher.Jones@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/18/2014 Phone: 575-628-4121		

* Attach Additional Sheets If Necessary

LABORATORY RESULTS



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

January 08, 2015

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: FEDERAL 26 #3H

Enclosed are the results of analyses for samples received by the laboratory on 01/05/15 14:45.

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/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/05/2015
 Reported: 01/08/2015
 Project Name: FEDERAL 26 #3H
 Project Number: 70060838701
 Project Location: SEC 26 T22S, R31E

Sampling Date: 12/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 1 0' (H500018-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	01/06/2015	ND	1.66	82.8	2.00	7.65	
Toluene*	17.7	2.00	01/06/2015	ND	1.68	83.9	2.00	6.21	
Ethylbenzene*	8.19	2.00	01/06/2015	ND	1.60	80.2	2.00	5.48	
Total Xylenes*	28.4	6.00	01/06/2015	ND	4.75	79.1	6.00	6.32	
Total BTEX	54.3	12.0	01/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 89.5 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	01/06/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	2830	100	01/06/2015	ND	186	93.0	200	1.93		
DRO >C10-C28	16100	100	01/06/2015	ND	215	108	200	9.55		

Surrogate: 1-Chlorooctane 168 % 47.2-157

Surrogate: 1-Chlorooctadecane 335 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T2S, R31E		

Sample ID: S - 1 1' (H500018-02)

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	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	<0.300	0.300	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 85.8 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/06/2015	ND	186	93.0	200	1.93		
DRO >C10-C28	<10.0	10.0	01/06/2015	ND	215	108	200	9.55		

Surrogate: 1-Chlorooctane 61.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 69.0 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 1 2' (H500018-03)

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	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	<0.300	0.300	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 82.9 % 61-154

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	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/06/2015	ND	186	93.0	200	1.93		
DRO >C10-C28	<10.0	10.0	01/06/2015	ND	215	108	200	9.55		

Surrogate: 1-Chlorooctane 60.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 78.0 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 1 3' (H500018-04)

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	01/06/2015	ND	1.66	82.8	2.00	7.65	
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21	
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48	
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32	
Total BTEX	<0.300	0.300	01/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PII) 83.9 % 61-154

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	01/06/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/06/2015	ND	186	93.0	200	1.93	
DRO >C10-C28	<10.0	10.0	01/06/2015	ND	215	108	200	9.55	

Surrogate: 1-Chlorooctane 61.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 69.1 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 2 0' (H500018-05)

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	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	0.085	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	0.198	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	1.19	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	1.48	0.300	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 93.2 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	153	50.0	01/06/2015	ND	186	93.0	200	1.93		
DRO >C10-C28	3230	50.0	01/06/2015	ND	215	108	200	9.55		

Surrogate: 1-Chlorooctane 81.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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Analytical Results For:

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

Received: 01/05/2015
 Reported: 01/08/2015
 Project Name: FEDERAL 26 #3H
 Project Number: 70060838701
 Project Location: SEC 26 T22S, R31E

Sampling Date: 12/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 2 1' (H500018-06)

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	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	<0.300	0.300	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 85.3 % 61-154

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	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/06/2015	ND	186	93.0	200	1.93		
DRO >C10-C28	<10.0	10.0	01/06/2015	ND	215	108	200	9.55		

Surrogate: 1-Chlorooctane 61.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 70.5 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 2 2' (H500018-07)

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	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	<0.300	0.300	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 83.9 % 61-154

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	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/06/2015	ND	186	93.0	200	1.93		
DRO >C10-C28	<10.0	10.0	01/06/2015	ND	215	108	200	9.55		

Surrogate: 1-Chlorooctane 61.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 72.3 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 2 3' (H500018-08)

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	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	<0.300	0.300	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 84.6 % 61-154

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	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/06/2015	ND	186	93.0	200	1.93		
DRO >C10-C28	<10.0	10.0	01/06/2015	ND	215	108	200	9.55		

Surrogate: 1-Chlorooctane 59.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 67.1 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 3 0' (H500018-09)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	<0.200	0.200	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	<0.200	0.200	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	<0.600	0.600	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	<1.20	1.20	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 88.7 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	52.5	50.0	01/06/2015	ND	186	93.0	200	1.93		
DRO >C10-C28	2980	50.0	01/06/2015	ND	215	108	200	9.55		

Surrogate: 1-Chlorooctane 72.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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Caley D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 3 1' (H500018-10)

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	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	<0.300	0.300	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 86.4 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/06/2015	ND	186	93.0	200	1.93		
DRO >C10-C28	<10.0	10.0	01/06/2015	ND	215	108	200	9.55		

Surrogate: 1-Chlorooctane 61.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 70.3 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 3 2' (H500018-11)

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	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	<0.300	0.300	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 85.0 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	186	93.0	200	1.93		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	215	108	200	9.55		

Surrogate: 1-Chlorooctane 64.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 82.4 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T2S, R31E		

Sample ID: S - 3 3' (H500018-12)

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	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	<0.300	0.300	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 86.1 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	186	93.0	200	1.93		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	215	108	200	9.55		

Surrogate: 1-Chlorooctane 58.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 66.0 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 4 0' (H500018-13)

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	01/06/2015	ND	1.66	82.8	2.00	7.65	
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21	
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48	
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32	
Total BTEX	<0.300	0.300	01/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 86.9 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/06/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2015	ND	186	93.0	200	1.93	
DRO >C10-C28	970	10.0	01/07/2015	ND	215	108	200	9.55	

Surrogate: 1-Chlorooctane 64.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 89.3 % 52.1-176

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Analytical Results For:

TALON LPE
 DAVID ADKINS
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 Fax To: (575) 745-8905

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 4 1' (H500018-14)

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	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	<0.300	0.300	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 84.8 % 61-154

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	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	186	93.0	200	1.93		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	215	108	200	9.55		

Surrogate: 1-Chlorooctane 59.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 75.9 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 4 2' (H500018-15)

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	01/06/2015	ND	1.66	82.8	2.00	7.65	
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21	
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48	
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32	
Total BTEX	<0.300	0.300	01/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 84.7% 61-154

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	01/06/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2015	ND	186	93.0	200	1.93	
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	215	108	200	9.55	

Surrogate: 1-Chlorooctane 62.6% 47.2-157

Surrogate: 1-Chlorooctadecane 80.1% 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 5 0' (H500018-16)

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	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	<0.300	0.300	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 85.1 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1580	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GR0 C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	302	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 59.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 91.9 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T2S, R31E		

Sample ID: S - 5 1' (H500018-17)

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	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	<0.300	0.300	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 84.8 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 58.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 79.7 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 5 2' (H500018-18)

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	01/06/2015	ND	1.66	82.8	2.00	7.65		
Toluene*	<0.050	0.050	01/06/2015	ND	1.68	83.9	2.00	6.21		
Ethylbenzene*	<0.050	0.050	01/06/2015	ND	1.60	80.2	2.00	5.48		
Total Xylenes*	<0.150	0.150	01/06/2015	ND	4.75	79.1	6.00	6.32		
Total BTEX	<0.300	0.300	01/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PII) 83.8 % 61-154

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	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 62.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 94.3 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 5 3' (H500018-19)

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	01/07/2015	ND	1.66	82.8	2.00	8.00		
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87		
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00		
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88		
Total BTEX	<0.300	0.300	01/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 78.9 % 61-154

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	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 57.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 68.1 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 6 0' (H500018-20)

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	01/07/2015	ND	1.66	82.8	2.00	8.00		
Toluene*	0.201	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87		
Ethylbenzene*	0.295	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00		
Total Xylenes*	1.52	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88		
Total BTEX	2.01	0.300	01/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 87.6 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	17200	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	182	100	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	3420	100	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 73.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 112 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T2S, R31E		

Sample ID: S - 6 1' (H500018-21)

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	01/07/2015	ND	1.66	82.8	2.00	8.00		
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87		
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00		
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88		
Total BTEX	<0.300	0.300	01/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 77.3 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 62.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 80.6 % 52.1-176

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
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 Fax To: (575) 745-8905

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 6 2' (H500018-22)

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	01/07/2015	ND	1.66	82.8	2.00	8.00	
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87	
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00	
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88	
Total BTEX	<0.300	0.300	01/07/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 78.6 % 61-154

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	01/06/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88	
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54	

Surrogate: 1-Chlorooctane 62.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 76.6 % 52.1-176

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Analytical Results For:

TALON LPE
 DAVID ADKINS
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 Fax To: (575) 745-8905

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 6 3' (H500018-23)

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	01/07/2015	ND	1.66	82.8	2.00	8.00		
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87		
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00		
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88		
Total BTEX	<0.300	0.300	01/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 80.0 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 64.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 71.6 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 7 0' (H500018-24)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.062	0.050	01/07/2015	ND	1.66	82.8	2.00	8.00	
Toluene*	4.64	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87	
Ethylbenzene*	3.09	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00	
Total Xylenes*	12.1	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88	
Total BTEX	19.9	0.300	01/07/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17200	16.0	01/06/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1340	100	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	9270	100	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 181 % 47.2-157

Surrogate: 1-Chlorooctadecane 224 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 7 1' (H500018-25)

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	01/07/2015	ND	1.66	82.8	2.00	8.00		
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87		
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00		
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88		
Total BTEX	<0.300	0.300	01/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 81.5 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5200	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 60.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 74.2 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 7 2' (H500018-26)

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	01/07/2015	ND	1.66	82.8	2.00	8.00		
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87		
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00		
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88		
Total BTEX	<0.300	0.300	01/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 78.4 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 62.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 85.5 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/05/2015
 Reported: 01/08/2015
 Project Name: FEDERAL 26 #3H
 Project Number: 70060838701
 Project Location: SEC 26 T22S, R31E

Sampling Date: 12/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 7 3' (H500018-27)

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	01/07/2015	ND	1.66	82.8	2.00	8.00	
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87	
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00	
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88	
Total BTEX	<0.300	0.300	01/07/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 79.4 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/06/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88	
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54	

Surrogate: 1-Chlorooctane 65.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 76.8 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 8 0' (H500018-28)

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	01/07/2015	ND	1.66	82.8	2.00	8.00		
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87		
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00		
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88		
Total BTEX	<0.300	0.300	01/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 78.8 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7330	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 62.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 82.5 % 52.1-176

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Analytical Results For:

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

Received: 01/05/2015
 Reported: 01/08/2015
 Project Name: FEDERAL 26 #3H
 Project Number: 70060838701
 Project Location: SEC 26 T22S, R31E

Sampling Date: 12/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 8 1' (H500018-29)

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	01/07/2015	ND	1.66	82.8	2.00	8.00	
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87	
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00	
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88	
Total BTEX	<0.300	0.300	01/07/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 78.8 % 61-154

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	01/06/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88	
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54	

Surrogate: 1-Chlorooctane 63.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 82.8 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T2S, R31E		

Sample ID: S - 8 2' (H500018-30)

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	01/07/2015	ND	1.66	82.8	2.00	8.00		
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87		
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00		
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88		
Total BTEX	<0.300	0.300	01/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 80.2 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 62.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 78.7 % 52.1-176

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
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 Fax To: (575) 745-8905

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T2S, R31E		

Sample ID: S - 8 3' (H500018-31)

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	01/07/2015	ND	1.66	82.8	2.00	8.00		
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87		
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00		
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88		
Total BTEX	<0.300	0.300	01/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 81.7% 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 62.7% 47.2-157

Surrogate: 1-Chlorooctadecane 78.6% 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T2S, R31E		

Sample ID: S - 9 0' (H500018-32)

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	01/07/2015	ND	1.66	82.8	2.00	8.00		
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87		
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00		
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88		
Total BTEX	<0.300	0.300	01/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 81.3 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7460	16.0	01/06/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 63.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 84.8 % 52.1-176

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Analytical Results For:

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

Received:	01/05/2015	Sampling Date:	12/29/2014
Reported:	01/08/2015	Sampling Type:	Soil
Project Name:	FEDERAL 26 #3H	Sampling Condition:	Cool & Intact
Project Number:	70060838701	Sample Received By:	Jodi Henson
Project Location:	SEC 26 T22S, R31E		

Sample ID: S - 9 1' (H500018-33)

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	01/07/2015	ND	1.66	82.8	2.00	8.00	
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87	
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00	
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88	
Total BTEX	<0.300	0.300	01/07/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 80.0 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/06/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88	
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54	

Surrogate: 1-Chlorooctane 64.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 93.7 % 52.1-176

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Analytical Results For:

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

Received: 01/05/2015
 Reported: 01/08/2015
 Project Name: FEDERAL 26 #3H
 Project Number: 70060838701
 Project Location: SEC 26 T22S, R31E

Sampling Date: 12/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 9 2' (H500018-34)

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	01/07/2015	ND	1.66	82.8	2.00	8.00		
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87		
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00		
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88		
Total BTEX	<0.300	0.300	01/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 79.8 % 61-154

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	01/06/2015	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 65.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 96.1 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/05/2015
 Reported: 01/08/2015
 Project Name: FEDERAL 26 #3H
 Project Number: 70060838701
 Project Location: SEC 26 T22S, R31E

Sampling Date: 12/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 9 3' (H500018-35)

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	01/07/2015	ND	1.66	82.8	2.00	8.00		
Toluene*	<0.050	0.050	01/07/2015	ND	1.65	82.4	2.00	7.87		
Ethylbenzene*	<0.050	0.050	01/07/2015	ND	1.56	77.8	2.00	9.00		
Total Xylenes*	<0.150	0.150	01/07/2015	ND	4.66	77.6	6.00	8.88		
Total BTEX	<0.300	0.300	01/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 81.4 % 61-154

Chloride, SM4500CI-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	01/06/2015	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/07/2015	ND	184	91.9	200	2.88		
DRO >C10-C28	<10.0	10.0	01/07/2015	ND	184	92.2	200	6.54		

Surrogate: 1-Chlorooctane 63.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 77.9 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BIETO

ANALYSIS REQUEST

Company Name: Talon/PE		P.O. #:														
Project Manager: D. Perkins		Company:														
Address: 408 W. Texas Ave.		Attn:														
City: Artesia		Address:														
Phone #: 575-746-8768		City:														
State: NM zip: 88210		State:														
Fax #: 575-746-8905		Zip:														
Project #: 20060838201		Project Owner:	OZU													
Project Name: Federal 26 #3H		Project Location: Sec 26 T29S, R31E														
Sampler Name: G. Garcia		Phone #:														
FOR LAB USE ONLY		Fax #:														
Lab I.D. H50018	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	ANALYSIS	REMARKS
	01	S-1 0-	✓	✓									12:34	11:30	TPH	BTER
	02	S-1 1-	✓	✓									11:33	11:36		
	03	S-1 2-	✓	✓									11:37	11:39		
	04	S-1 3-	✓	✓									11:54	11:56		
	05	S-2 0-	✓	✓									11:58	11:59		
	06	S-2 1-	✓	✓									12:00	12:00		
	07	S-2 2-	✓	✓									12:05	12:05		
	08	S-2 3-	✓	✓									12:06	12:06		
	09	S-3 0-	✓	✓									12:08	12:08		

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Reinitiated By: [Signature]
 Date: 8/15
 Received By: [Signature]
 Date: 8/15

Delivered By: (Circle One) UPS Bus Other: 5:22
 Sample Condition: Cool Intact Yes No No

Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 #211

CHECKED BY: [Signature]
 REMARKS: OF 56122215
 Pg. 1127869
 Task, 01616161
 Client 2019



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ANALYSIS REQUEST

Company Name: Talon/PE		P.O. #:		
Project Manager: D. Perkins		Company:		
Address: 408 W. Texas Ave.		Attr:		
City: Artesia		Address:		
Phone #: 575-746-8768		City:		
State: NM zip: 88210		State:		
Fax #: 575-746-8905		Zip:		
Project #: 70066830201		Project Owner:	OCY	
Project Name: Federal 26 #34		City:	R31E	
Project Location: Section 22S, R31E		Phone #:		
Sampler Name: G. Socia		Fax #:		
FOR LAB USE ONLY	LABORATORY ONLY	PREPARED BY	SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX
		GROUNDWATER	WASTEWATER	SOIL
		OIL	SLUDGE	OTHER :
		ACID/BASE:	ICE / COOL	OTHER :
		DATE	TIME	
H50018	11	5:22	12:29	TPH
	12	5:32	12:16	BTEX
	13	5:40	12:20	Total Chlorides
	14	5:41	12:25	
	15	5:42	12:30	
	16	5:50	12:33	
	17	5:51	12:37	
	18	5:52	12:40	
	19	5:53	12:50	
	20	5:54		

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Relinquished By: [Signature]

Types: [Signature]

Received By: [Signature]

Date: [Signature]

Time: [Signature]

Delivered By: (Circle One)

Sample Condition Cool Intact

CHECKED BY: [Signature]

Sampler - UPS - Bus - Other:

5:20

Yes No

Yes No

2014

Phone Result: Yes No Add'l Phone #:
Fax Result: Yes No Add'l Fax #:

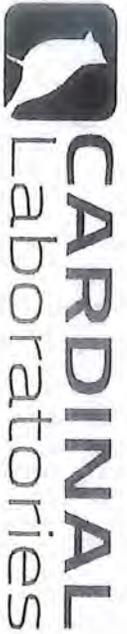
REMARKS: OP, 66172715

PJ, 1127869

Task 01010101

Element, 2019

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon/LPE
Project Manager: D. McKinn
Address: 408 W. Texas Ave. **State:** NM **zip:** 88210
City: Artesia
Phone #: 575-746-8768 **Fax #:** 575-746-8905
Project #: 2060838701 **Project Owner:**
Project Name: Federal # 34
Project Location: Sec 28, T 22S, R 31E
Sampler Name: G. Baccs

P.O. #:
Company: ORY
Attn:
Address:
City:
State: **Zip:**
Phone #:
Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
H500018	S-G 1-	/		/		/		/			12-24-14	12:55	TPH
	S-G 2-	/		/		/		/			12:54		BTEX
	S-G 3-	/		/		/		/			1:03		Total chlorides
	S-7 0-	/		/		/		/			1:04		
	S-7 1-	/		/		/		/			1:08		
	S-7 2-	/		/		/		/			1:10		
	S-7 3-	/		/		/		/			1:15		
	S-8 0-	/		/		/		/			1:20		
	S-8 1-	/		/		/		/			1:23		
	S-8 2-	/		/		/		/			1:25		

PLUMBER NOTE: Labby and Damara, Garden's labby and others available for any down during weather based in contract or not, shall be limited to the amount paid by the client for the analysis. All orders including those for reanalysis and any other extra whatever not be deemed void unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors and/or related to the performance of services provided by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature] **Date:** 11/5/2015 **Received By:** [Signature] **Date:** 8/14/15

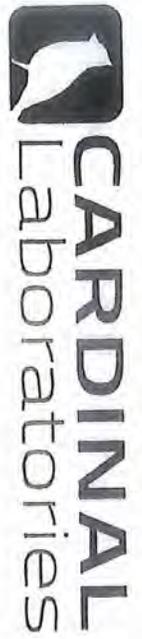
Delivered By: (Circle One) **Sampler - UPS - Bus - Other:** 5:22

Sample Condition: Cool Intact Yes No No

CHECKED BY: [Signature]

REMARKS: 6P, 56172115
Pg 1127869
Task 01610101
21 cent 2019

3 of 4



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ANALYSIS REQUEST

Company Name: Talon/LPE		P.O. #:														
Project Manager: D Adkins		Company: Gray														
Address: 408 W. Texas Ave.		Attn:														
City: Artesia	State: NM Zip: 88210	Address:														
Phone #: 575-746-8768	Fax #: 575-746-8905	City:														
Project #: 20200803201	Project Owner: Gray	State:														
Project Name: Federal 20 #3H		Zip:														
Project Location: Sec 26, T12S, R31E		Phone #:														
Sampler Name: G. Baeza		Fax #:														
FOR LAB USE ONLY																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	ANALYSIS REQUEST	
H500018	S-8 3-	/											12-29-14 1:30	1	TPH	
	S-9 5-	/											12-29-14 1:23	1	BTE2	
	S-9 1-	/											12-29-14 1:36	1		
	S-9 2-	/											12-29-14 1:39	1		
	S-9 3-	/											12-29-14 1:41	1	Total chlorides	

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Relinquished By: *[Signature]*

Received By: *[Signature]*

Date: 8/15/15

Time: 5:22

Sample Condition: Cool Intact

Delivered By: (Circle One) UPS Bus Other:

CHECKED BY: *[Signature]*

REMARKS: OP, 54122715
 PJ, 1122869
 Task 01610101
 8/15/15

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

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District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 139381

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 139381
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	9/7/2022