

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: | FEBUARY - 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

Page 6

State of New Mexico
Oil Conservation Division

| | |
|----------------|---------------|
| 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: Jennifer Nobui 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 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

ENVIRONMENTAL CONSULTING
 ENGINEERING
 DRILLING
 CONSTRUCTION
 SPILL MANAGEMENT
 GENERAL CONTRACTING

Toll Free: 866.742.0742
www.talonlpe.com

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

Dear Mr. Bratcher,

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.

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 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' |

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.

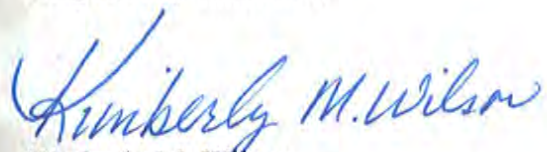
The excavation was backfilled with top soil and contoured to match the surrounding terrain. The area in the pasture was seed with the recommended BLM seed mix. Seeding label is attached.

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"](#)
Cc: [David Adkins](#); Christopher_Jones@oxy.com; [Bratcher, Mike, EMNRD](#); [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
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 |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| C | 26 | 22S | 31E | 610' | North | 2130' | West | Eddy |

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 | | | |
| Title: HES Specialist | Approval Date: | Expiration Date: | Attached <input type="checkbox"/> |
| E-mail Address: Christopher.Jones@oxy.com | Conditions of Approval: | | |
| 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
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MIDLAND
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 Phone 432.522.2133
 Fax 432.522.2180

OKLAHOMA CITY
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 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 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. 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.

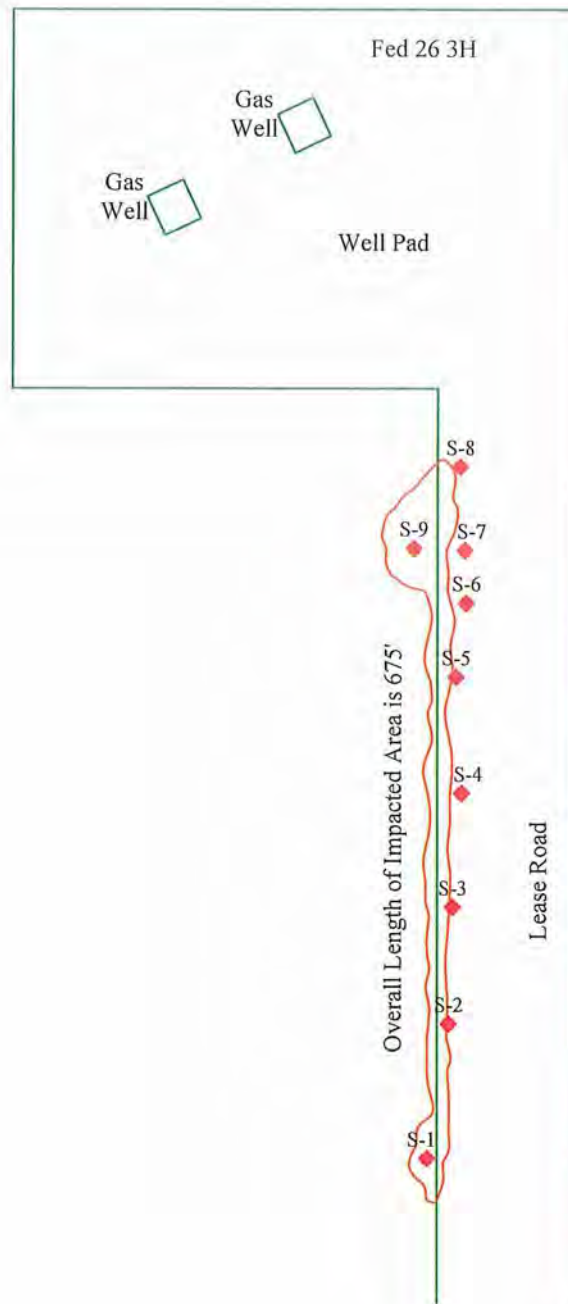
Should you have any questions or if further information is required, please do not hesitate to contact our office at (575)-746-8768

Respectfully submitted,

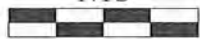

Sheldon Hitchcock
Project Manager


David J. Adkins
District Manager

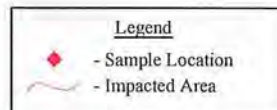
SITE PLAN



NTS



Scale in Feet



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

UTM NAD83 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.

12/16/14 7:36 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

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 | | <input checked="" type="checkbox"/> Initial Report | <input type="checkbox"/> 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 | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| C | 26 | 22S | 31E | 610' | North | 2130' | West | Eddy |

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:  | | 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: 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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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 T2S, 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 (PIC) 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 | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| 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

Cardinal Laboratories

* = Accredited Analyte

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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 T2S, R31E

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

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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* = Accredited Analyte

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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 - 1 2' (H500018-03)

| BTX 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 BTX | <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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*=Accredited Analyte

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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 - 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 (PIL) 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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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 - 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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* = Accredited Analyte

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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 T2S, R31E

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

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
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 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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*=Accredited Analyte

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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 T2S, R31E

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

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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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 T2S, R31E

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

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 (PIL) 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
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 - 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
Reported: 01/08/2015
Project Name: FEDERAL 26 #3H
Project Number: 70060838701
Project Location: SEC 26 T2S, R31E

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

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

| BTX 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 BTX | <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
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 - 4 0' (H500018-13)

| BTX 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 BTX | <0.300 | 0.300 | 01/06/2015 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 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
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 T2S, R31E

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

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 (PIL) 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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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 - 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
Reported: 01/08/2015
Project Name: FEDERAL 26 #3H
Project Number: 70060838701
Project Location: SEC 26 T2S, R31E

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

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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* = Accredited Analyte

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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 T2S, R31E

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

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

| BTX 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 BTX | <0.300 | 0.300 | 01/06/2015 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 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
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 - 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 (PIE) 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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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 T2S, R31E

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

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 (PIL) 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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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 - 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 (PIL) 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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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 T2S, R31E

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

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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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 T2S, R31E

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

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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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 - 6 3' (H500018-23)

| BTX 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 BTX | <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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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 - 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 (PIL) 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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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 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
Reported: 01/08/2015
Project Name: FEDERAL 26 #3H
Project Number: 70060838701
Project Location: SEC 26 T2S, R31E

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

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

| BTX 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 BTX | <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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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 T2S, 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)

| BTX 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 BTX | <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
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 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 T2S, 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 (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 | <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
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 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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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 - 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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* = Accredited Analyte

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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 0' (H500018-32)

| BTX 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 BTX | <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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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 1' (H500018-33)

| BTX 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 BTX | <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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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 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 (PIL) 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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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 (PIL) 81.4 % 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 | <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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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 |

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Celey 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

| | | | | | |
|-------------------------------------|-------------|------------------------------|--------------|------------------|------------|
| Company Name: Talon/PE | | P.O. #: | | ANALYSIS REQUEST | |
| Project Manager: D. H. Kins | | 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: OZy | | | |
| Project Location: Sec 26 T22S, R31E | | Phone #: | | | |
| Sample Name: G. Garcia | | Fax #: | | | |
| FOR LAB USE ONLY | | PRESERV | | SAMPLING | |
| 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 | | |
| H500018 | S-1 0- | ✓ | ✓ | 12:30 | 11:30 |
| 01 | S-1 1- | ✓ | ✓ | 11:33 | 11:33 |
| 02 | S-1 2- | ✓ | ✓ | 11:36 | 11:36 |
| 03 | S-1 3- | ✓ | ✓ | 11:39 | 11:39 |
| 04 | S-1 4- | ✓ | ✓ | 11:50 | 11:50 |
| 05 | S-1 5- | ✓ | ✓ | 11:53 | 11:53 |
| 06 | S-1 6- | ✓ | ✓ | 12:00 | 12:00 |
| 07 | S-1 7- | ✓ | ✓ | 12:06 | 12:06 |
| 08 | S-1 8- | ✓ | ✓ | 12:08 | 12:08 |
| 09 | S-1 9- | ✓ | ✓ | | |
| 10 | S-1 10- | ✓ | ✓ | | |
| RECEIVED BY: [Signature] | | RECEIVED BY: [Signature] | | | |
| DELIVERED BY: [Signature] | | DELIVERED BY: [Signature] | | | |
| SAMPLER - UPS - BUS - OTHER: | | SAMPLER - UPS - BUS - OTHER: | | | |
| CHECKED BY: [Signature] | | CHECKED BY: [Signature] | | | |
| REMARKS: | | REMARKS: | | | |
| 5.72 | | 5.72 | | | |
| #44 | | #44 | | | |



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

Page 39 of 41



ANALYSIS REQUEST

Page 40 of 41



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon/LPE

Project Manager: D Adkins

Address: 408 W. Texas Ave.

City: Artesia

Phone #: 575-746-8768

State: NM Zip: 88210

Project #: 2066083201 Project Owner: City

Project Name: Federal 2C #314

Project Location: Sps 26, T225, R31E

Sampler Name: C. Baez

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

ANALYSIS REQUEST

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | DATE | TIME | TPH | BTE2 | Total chlorides |
|----------|-------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|---------------|------|-----|------|-----------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | | | | | |
| H500018 | S-8 3- | / | | / | | | | | | 12-29-14 1:30 | | / | | |
| | S-9 5- | / | | / | | | | | | 12-29-14 1:23 | | / | | |
| | S-9 1- | / | | / | | | | | | 12-29-14 1:36 | | / | | |
| | S-9 2- | / | | / | | | | | | 12-29-14 1:39 | | / | | |
| | S-9 3- | / | | / | | | | | | 12-29-14 1:41 | | / | | |

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Relinquished By:

Received By:

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

REMARKS:

OP, 54122715

Pj, 1122869

Tus 01010101

ELCmt, 2019

4 of 4

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

5:22

Sample Condition
Cool ☐ Yes ☐ No
Intact ☐ Yes ☐ No

CHECKED BY: (initials)

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

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 |