

Closure Report

Site Description

| | |
|--------------------|-------------------------------|
| Site Name: | Peaches 19 Federal #1H, SWD |
| Company: | Oxy Permian Ltd. |
| Legal Description: | U/L B, Section 19, T25S, R27E |
| County: | Eddy County, NM |
| GPS Coordinates: | N 32.12176° W 104.22837° |

Release Data

| | |
|--------------------|------------------------------------|
| Date of Release: | 04/20/2015 |
| Type of Release: | Produced water |
| Source of Release: | Vandals/Human error open load line |
| Volume of Release: | 20 bbls |
| Volume Recovered: | Unknown |

Remediation Specifications

| | | |
|-------------------------|--|---------------------------|
| Remediation Parameters: | Excavate the area around S-1 to a depth of 3 feet. Excavate the area around S-2 to a depth of 1 foot. Backfill the site with clean soil. | |
| Remediation Activities: | December 2015 | |
| Plan Sent to OCD: | 05/26/2015 | Email from Talon to NMOCD |
| OCD Approval of Plan: | 06/01/2015 | Email from NMOCD to Talon |
| Plan Sent to BLM: | Unknown | Unknown |
| BLM Approval of Plan: | Unknown | Unknown |

Supporting Documentation

| | |
|------------------|--|
| Initial C-141 | Signed 04/28/2015 |
| Final C-141 | Signed 02/23/2015 |
| Site Diagram | May 2015 |
| Groundwater Plot | <50' |
| TOPO Maps | May 2015 |
| Lab Summary | 04/22/2015 |
| Lab Analysis | 04/22/2015 |
| Correspondence | Request and approval of remediation plan via email |

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

02/26/2016

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

0AB1514948480

| | | | |
|--|--|--|---------------------------------------|
| 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: Peaches 19 Federal #1H SWD | | Facility Type: SWD CTB | |
| Surface Owner: Federal | | Mineral Owner: | |
| | | API No.: 30-015-40250 | |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| B | 19 | 25S | 27E | 330' | North | 2310' | East | Eddy |

Latitude **32.12176598 N** Longitude **-104.22836714 W**

NATURE OF RELEASE

| | | |
|--|---|--|
| Type of Release: Produced Water | Volume of Release: 20 bbls PW | Volume Recovered: Unknown |
| Source of Release: Vandals/Human Error open load Line | Date and Hour of Occurrence 4/20/2015 | Date and Hour of Discovery 4/20/2015 |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? Kimberly Wilson | Date and Hour: | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |


If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken: **The valve on load line was opened by vandals causing a release of 20 barrels of produced water on location at the load out.**

Describe Area Affected and Cleanup Action Taken.* **The impacted area surrounding the produced water load out measuring approximately 60' x 40'. All fluids stayed on location. Talon/LPE has already performed site assessment and soil sampling activities. Waiting on lab results.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC 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, NMOC 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.

OIL CONSERVATION DIVISION

| | | |
|---|---|-----------------------------|
| Signature: | Approved by Environmental Specialist:  | |
| Printed Name: Chris Jones | Approval Date: 5/29/15 | Expiration Date: N/A |
| Title: HES Specialist | Conditions of Approval: | |
| E-mail Address: Christopher.Jones@oxy.com | Remediation per O.C.D. Rules & Guidelines SUBMIT REMEDIATION PROPOSAL NO | |
| Date: 4/28/2015 Phone: 575-628-4121 | Attached <input type="checkbox"/> | |

* Attach Additional Sheets If Necessary

LATER THAN: **6/29/15**

NM OIL CONSERVATION

ARTESIA DISTRICT

MAY 26 2015

RECEIVED

2RP-3020

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 Permian Ltd. | Contact | Casey Summers |
| Address | 6 Desta Drive, Midland, TX 79705 | Telephone No. | (575) 513-8289 |
| Facility Name | Peaches 19 Federal #1 H SWD | Facility Type | SWD CTB |
| Surface Owner | Federal | Mineral Owner | API No. 30-015-40250 |

LOCATION OF RELEASE

| | | | | | | | | |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|-----------------|
| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
| B | 19 | 25S | 27E | 330' | North | 2310' | East | Eddy County, NM |

Latitude N 32.12176° Longitude W 104.22836°

NATURE OF RELEASE

| | | | | | |
|-----------------------------|---|---|------------|----------------------------|------------|
| Type of Release | Produced water | Volume of Release | 20 bbls | Volume Recovered | Unknown |
| Source of Release | Vandals/Human Error open load line | Date and Hour of Occurrence | 04/20/2015 | Date and Hour of Discovery | 04/20/2015 |
| Was Immediate Notice Given? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? | | | |
| By Whom? | Date and Hour | | | | |
| Was a Watercourse Reached? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | | | |

If a Watercourse was Impacted, Describe Fully.*


Describe Cause of Problem and Remedial Action Taken.*

The valve on load line was opened by vandals causing a release of 20 barrels of produced water on location at the load out.

Describe Area Affected and Cleanup Action Taken.*

The impacted area surrounding the produced water load out measures approximately 60' x 40'. All fluids stayed on location. Talon/LPE has already performed site assessment and soil sampling activities. Remediation was completed in accordance with the remediation plan approved by Heather Patterson of NMOCD via email on 06/01/2015.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| | | | |
|--|---------------------------------------|------------------|-----------------------------------|
| Signature:  | <u>OIL CONSERVATION DIVISION</u> | | |
| Printed Name: Casey Summers | Approved by Environmental Specialist: | | |
| Title: NM Environmental Advisor | Approval Date: | Expiration Date: | |
| E-mail Address: <u>Casey_Summers@oxy.com</u> | Conditions of Approval: | | Attached <input type="checkbox"/> |
| Date: <u>2-23-16</u> Phone: (575) 513-8289 | | | |

* Attach Additional Sheets If Necessary

From: Patterson, Heather, EMNRD
To: "Kimberly M. Wilson"
Cc: [Robertson, Jeffery](#); [David Adkins](#); [Bratcher, Mike, EMNRD](#); [Amos, James](#); [Christopher Jones@oxy.com](#)
Subject: RE: Peaches 19 CTB
Date: Monday, June 01, 2015 2:04:00 PM
Attachments: image001.png

RE: Oxy USA * Peaches 19 Fed #1H SWD * 30-015-40250 * 2RP-3020

Kimberly,

Your remediation plan for the above listed site is approved as written.

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
Office (575)748-1283 ext.101
Cell (575)703-0228

From: Kimberly M. Wilson [<mailto:kwilson@talonlpe.com>]
Sent: Tuesday, May 26, 2015 1:17 PM
To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD; Amos, James
Cc: Robertson, Jeffery; David Adkins
Subject: Peaches 19 CTB

Please find attached the remediation plan for the above referenced release.

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



May 14, 2015

Mr. Mike Bratcher
NMOCD District 2

AMARILLO
921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

Subject: **Soil Assessment and Remediation Work Plan**
Oxy USA Inc.
Peaches 19 Federal #1 CTB
30-015-40250

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

Dear Mr. Bratcher,

Oxy USA Inc. (Oxy) as 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.

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

Incident Date

The date of release was April 20, 2015

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

Background Information

The Peaches 19 Federal #1 CTB release is located approximately thirty-four (34) miles south of Carlsbad, New Mexico. The legal location for the site is Section 19, Township 25S, Range 27E in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.121770 North and -104.228370 West. A site plan is presented in [Appendix I](#).

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

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 Reagan-Upton association with 0 to 9 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology, Quaternary Age sedimentary deposits, is comprised of alluvial fans and eolian deposits which include alluvium and very gravelly loamy soils underlain by petrocalcic cemented hard caliches. Drainage courses in this area are normally dry. The New Mexico State Engineer web site indicates the nearest ground water data to be in S20-T25S-R27E. The ground water well in Section 20 appears to 351' below ground surface (bgs) and dry. However, the 2005 Chevron/Texaco Water Trend map shows there to be a well in the vicinity of section 20 to be 19-feet to groundwater. The referenced groundwater data is presented in [Appendix II](#).

The ranking for this site is **20** Based on the following:

| | | |
|--------------------------|--------------------------------|--------|
| ENVIRONMENTAL CONSULTING | | |
| ENGINEERING | Depth to ground water | <50' |
| DRILLING | Wellhead Protection Area | >1000' |
| CONSTRUCTION | Distance to surface water body | >1000' |
| SPILL MANAGEMENT | | |
| GENERAL CONTRACTING | | |

Incident Description

The valve on load line was opened by vandals causing a release of 20 barrels of produced water on location at the load out. The impacted area surrounding the produced water load out measured approximately 60-feet by 40-feet. All fluids stayed on location. Talon mobilized personnel to conduct a site assessment and perform soil sampling activities at the location. Laboratory results from the soil sampling event are summarized in the table below.

All soil samples were collected by Talon personnel wearing clean nitrile gloves. The soil samples were placed in laboratory provided sample containers, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for TPH (Total Petroleum Hydrocarbons) using EPA Method 8015M, and volatile organics (BTEX) using EPA Method 8021B. The chloride samples were analyzed per Method SM4500Cl-B.

Laboratory Results

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

April 27, 2015

| Sample ID | Depth (feet) | BTEX (mg/kg) | Chlorides (mg/kg) | TPH (mg/kg) GRO | TPH (mg/kg) DRO |
|-----------|--------------|--------------|-------------------|-----------------|-----------------|
| S-1 | 0' | <0.300 | 13200 | <10 | 151 |
| | 1' | <0.300 | 2520 | <10 | <10 |
| | 2' | <0.300 | 1600 | <10 | <10 |
| | 3' | <0.300 | 304 | <10 | <10 |
| S-2 | 0' | <0.300 | 14700 | <10 | 35.3 |
| | 1' | <0.300 | 640 | <10 | <10 |

Based upon the site ranking of **20**, NMOCD Recommended Remedial Action Levels (RRAL's) are 50 mg/kg for BTEX, 10 mg for Benzene, and 100 mg/kg for TPH.


Proposed Remedial Actions

- The impacted area in the vicinity of sample point S-1 will be excavated to a depth of 3-feet deep and the impacted area around S-2 will be excavated to a depth of 1-feet.
- The excavated area will be backfilled with new top soil transported from Lea Land, LLC. The area will be contoured to match the surrounding location.
- A final closure report documenting all remedial actions and analytical results will be provided to the BLM and NMOCD office in Artesia, along with the Final Form C-141.

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,

TALON/LPE

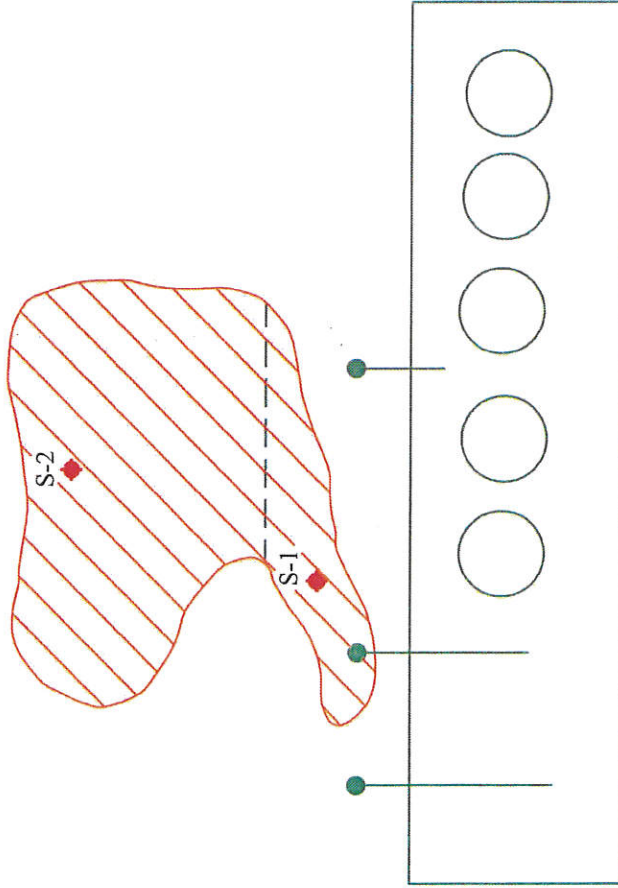
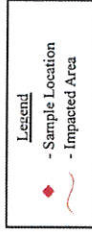


Kimberly M. Wilson
Project Manager



David J. Adkins
District Manager

APPENDIX I
SITE MAP



Date: 05/04/2015

Scale: NTS

Drawn By: TJS

Peaches 19 CTB
Oxy - NM - North
Eddy County, New Mexico
Figure 1 - Site Plan

APPENDIX II
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 03261 POD1 | | | ED | 3 | 2 | 1 | 20 | 25S | 27E | 574007 | 3554006* | 1112 | 351 | | |
| C 03654 POD1 | | CUB | ED | 2 | 3 | 1 | 24 | 25S | 26E | 570654 | 3553773 | 2266 | | | |

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

Basin/County Search:

County: Eddy

UTMNAD83 Radius Search (in meters):

Easting (X): 572898

Northing (Y): 3554093

Radius: 2500

*UTM location was derived from PLSS - see Help

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

District I
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1220 South St. Francis Dr.
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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: Peaches 19 Federal #1H SWD | Facility Type: SWD CTB | |
| Surface Owner: Federal | Mineral Owner: | API No.: 30-015-40250 |

LOCATION OF RELEASE

| | | | | | | | | |
|-------------------------|----------------------|------------------------|---------------------|------------------------------|----------------------------------|-------------------------------|-------------------------------|-----------------------|
| Unit Letter B | Section 19 | Township 25S | Range 27E | Feet from the 330' | North/South Line North | Feet from the 2310' | East/West Line East | County Eddy |
|-------------------------|----------------------|------------------------|---------------------|------------------------------|----------------------------------|-------------------------------|-------------------------------|-----------------------|

Latitude **32.12176598 N** Longitude **-104.22836714 W**

NATURE OF RELEASE

| | | |
|--|---|--|
| Type of Release: Produced Water | Volume of Release: 20 bbls PW | Volume Recovered: Unknown |
| Source of Release: Vandals/Human Error open load Line | Date and Hour of Occurrence 4/20/2015 | Date and Hour of Discovery 4/20/2015 |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? Kimberly Wilson | Date and Hour: | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |
| If a Watercourse was Impacted, Describe Fully.* | | |
| Describe Cause of Problem and Remedial Action Taken: The valve on load line was opened by vandals causing a release of 20 barrels of produced water on location at the load out. | | |
| Describe Area Affected and Cleanup Action Taken.* The impacted area surrounding the produced water load out measuring approximately 60' x 40'. All fluids stayed on location. Talon/LPE has already performed site assessment and soil sampling activities. Waiting on lab results. | | |
| 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: 4/28/2015 | Phone: 575-628-4121 | |

* Attach Additional Sheets If Necessary

APPENDIX III
LABORATORY RESULTS



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

April 27, 2015

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: PEACHES 19 CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/23/15 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/23/2015
Reported: 04/27/2015
Project Name: PEACHES 19 CTB
Project Number: 70060844301
Project Location: EDDY COUNTY, NM

Sampling Date: 04/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 0' (H501054-01)

| 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 | 04/24/2015 | ND | 2.05 | 103 | 2.00 | 2.65 | | | | |
| Toluene* | <0.050 | 0.050 | 04/24/2015 | ND | 1.88 | 93.9 | 2.00 | 0.287 | | | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2015 | ND | 1.76 | 88.2 | 2.00 | 0.848 | | | | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2015 | ND | 5.65 | 94.1 | 6.00 | 1.11 | | | | |
| Total BTEX | <0.300 | 0.300 | 04/24/2015 | ND | | | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 111 % 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 | 13200 | 16.0 | 04/24/2015 | 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 | 04/23/2015 | ND | 208 | 104 | 200 | 0.0576 | | |
| DRO >C10-C28 | 151 | 10.0 | 04/23/2015 | ND | 222 | 111 | 200 | 1.11 | | |

Surrogate: 1-Chlorooctane 79.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 80.0 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 04/23/2015
 Reported: 04/27/2015
 Project Name: PEACHES 19 CTB
 Project Number: 70060844301
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/22/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-1 1' (H501054-02)

| 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 | 04/24/2015 | ND | 2.05 | 103 | 2.00 | 2.65 | |
| Toluene* | <0.050 | 0.050 | 04/24/2015 | ND | 1.88 | 93.9 | 2.00 | 0.287 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2015 | ND | 1.76 | 88.2 | 2.00 | 0.848 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2015 | ND | 5.65 | 94.1 | 6.00 | 1.11 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 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 | 2520 | 16.0 | 04/24/2015 | 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 | 04/24/2015 | ND | 205 | 103 | 200 | 1.77 | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/24/2015 | ND | 217 | 109 | 200 | 2.47 | |

Surrogate: 1-Chlorooctane 96.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 91.7 % 52.1-176

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/23/2015
Reported: 04/27/2015
Project Name: PEACHES 19 CTB
Project Number: 70060844301
Project Location: EDDY COUNTY, NM

Sampling Date: 04/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 2' (H501054-03)

| BTEX 8021B | | | mg/kg | | Analyzed By: ms | | | | |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/24/2015 | ND | 2.05 | 103 | 2.00 | 2.65 | |
| Toluene* | <0.050 | 0.050 | 04/24/2015 | ND | 1.88 | 93.9 | 2.00 | 0.287 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2015 | ND | 1.76 | 88.2 | 2.00 | 0.848 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2015 | ND | 5.65 | 94.1 | 6.00 | 1.11 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 112 % 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 | 1600 | 16.0 | 04/24/2015 | 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 | 04/24/2015 | ND | 205 | 103 | 200 | 1.77 | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/24/2015 | ND | 217 | 109 | 200 | 2.47 | |

Surrogate: 1-Chlorooctane 98.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 94.3 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/23/2015
Reported: 04/27/2015
Project Name: PEACHES 19 CTB
Project Number: 70060844301
Project Location: EDDY COUNTY, NM

Sampling Date: 04/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 3' (H501054-04)

| 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 | 04/24/2015 | ND | 2.05 | 103 | 2.00 | 2.65 | |
| Toluene* | <0.050 | 0.050 | 04/24/2015 | ND | 1.88 | 93.9 | 2.00 | 0.287 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2015 | ND | 1.76 | 88.2 | 2.00 | 0.848 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2015 | ND | 5.65 | 94.1 | 6.00 | 1.11 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 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 | 304 | 16.0 | 04/24/2015 | 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 | 04/24/2015 | ND | 205 | 103 | 200 | 1.77 | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/24/2015 | ND | 217 | 109 | 200 | 2.47 | |

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 98.0 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/23/2015
Reported: 04/27/2015
Project Name: PEACHES 19 CTB
Project Number: 70060844301
Project Location: EDDY COUNTY, NM

Sampling Date: 04/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-2 0' (H501054-05)

| 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 | 04/24/2015 | ND | 2.05 | 103 | 2.00 | 2.65 | |
| Toluene* | <0.050 | 0.050 | 04/24/2015 | ND | 1.88 | 93.9 | 2.00 | 0.287 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2015 | ND | 1.76 | 88.2 | 2.00 | 0.848 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2015 | ND | 5.65 | 94.1 | 6.00 | 1.11 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 115 % 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 | 14700 | 16.0 | 04/24/2015 | 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 | 04/24/2015 | ND | 205 | 103 | 200 | 1.77 | |
| DRO >C10-C28 | 35.3 | 10.0 | 04/24/2015 | ND | 217 | 109 | 200 | 2.47 | |

Surrogate: 1-Chlorooctane 99.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 97.3 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/23/2015
Reported: 04/27/2015
Project Name: PEACHES 19 CTB
Project Number: 70060844301
Project Location: EDDY COUNTY, NM

Sampling Date: 04/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-2 1' (H501054-06)

| 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 | 04/24/2015 | ND | 2.05 | 103 | 2.00 | 2.65 | |
| Toluene* | <0.050 | 0.050 | 04/24/2015 | ND | 1.88 | 93.9 | 2.00 | 0.287 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2015 | ND | 1.76 | 88.2 | 2.00 | 0.848 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2015 | ND | 5.65 | 94.1 | 6.00 | 1.11 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 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 | 640 | 16.0 | 04/24/2015 | 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 | 04/24/2015 | ND | 205 | 103 | 200 | 1.77 | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/24/2015 | ND | 217 | 109 | 200 | 2.47 | |

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 100 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

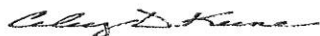
Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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101 East Marland, Hobbs, NM 88240
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