

talonlpe.com • 866.742.0742



Soil Assessment and Remediation Work Plan

State CF No 5 * 30-005-60304 * 2RP-3648

Talon Project No. 701047.162.01

Prepared For:

Legacy Reserves Operating, LP
303 W. Wall St. Ste 1300
Midland, TX 79701

Prepared By:

Kimberly M. Wilson
Talon/LPE
408 West Texas
Artesia, New Mexico 88210

May 10, 2016

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

Subject: Soil Assessment and Remediation Work Plan
Legacy Reserves Operating, LP
State CF No. 5
API# 30-005-60304 * 2RP-3648

Dear Mr. Bratcher,

Legacy Reserves Operating, LP (Legacy) 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.

Site Information

The State CF No. 5 is located approximately twenty-four (24) miles east of Roswell, New Mexico. The legal location for this release is Unit Letter K, Section 13, Township 11 South and Range 27 East in Chaves County, New Mexico. More specifically the latitude and longitude for the release are 33.363369 North and -104.1924744 West. A site plan is presented in [Appendix I](#).

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 Simona fine sandy loam. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is comprised of eolian sands. Drainage courses in this area are normally dry.

Ground Water and Site Ranking

According to the Chevron Texaco ground water trend map, the ground water in this area is 150-feet below ground surface (BGS).

Therefore the ranking for this site is a 0 based on the following:

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

Based upon the site ranking of 0, NMOCD Recommended Remedial Action Levels (RRAL) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, 1,000 mg/kg for TPH and 5,000 mg/kg for total chlorides.

Incident Description and Initial Remedial Actions

The horizontal pump and the high-level alarm failed causing the tank to overflow. Approximately 500 barrels were released into the lined containment. An estimated 3-4 barrels breached the containment and flowed approximately 500-feet into the pasture. A vac truck was called to the location to recover the free standing fluids. See initial C-141 presented in [Appendix II](#).

On April 6, 2016, Talon mobilized personnel to begin the preliminary site assessment and to collect initial soil samples from the impacted area with a hand auger to a depth of 0.5 feet deep, where refusal was encountered.

Talon returned to the site with a backhoe was then mobilized for further vertical delineation of the impacted area. Vertical delineation sampling was carried out April 19, 2016. Laboratory results are presented below.

Laboratory Results

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

April 13, 2016

| Sample ID | Depth (feet) | BTEX (mg/kg) | Chlorides (mg/kg) | TPH (mg/kg) GRO | TPH (mg/kg) DRO |
|----------------|--------------|--------------|-------------------|-----------------|-----------------|
| S-1 | 0' | 0.317 | 48 | 81.3 | 8460 |
| Refusal | 0.5' | 3.00 | 80 | 365 | 8130 |

April 26, 2015

| Sample ID | Depth (feet) | BTEX (mg/kg) | Chlorides (mg/kg) | TPH (mg/kg) GRO | TPH (mg/kg) DRO |
|------------|--------------|--------------|-------------------|-----------------|-----------------|
| S-1 | 2' | 5.89 | -- | 165 | 2400 |
| | 3' | 6.7 | -- | 427 | 6440 |
| | 4' | <0.300 | -- | <10 | 20.3 |
| | 5' | <0.300 | -- | <10 | <10 |
| | 6' | <0.300 | -- | <10 | <10 |
| | 9' | <0.300 | -- | <10 | 297 |
| | 10' | <0.300 | -- | <10 | <10 |
| | 11' | <0.300 | -- | <10 | 509 |
| S-2 | 0' | <0.300 | -- | <100 | 32600 |
| | 1' | <0.300 | -- | <10 | 2240 |
| | 2' | <0.300 | -- | <10 | 1400 |
| | 3' | <0.300 | -- | <10 | 11.8 |
| | 4' | <0.300 | -- | <10 | <10 |
| | 5' | <0.300 | -- | <10 | <10 |
| | 7' | <0.300 | -- | <10 | <10 |
| | 9' | <0.300 | -- | <10 | <10 |
| | 11' | <0.300 | -- | <10 | 122 |
| | 12' | <0.300 | -- | <10 | 26.9 |

| Sample ID | Depth (feet) | BTEX (mg/kg) | Chlorides (mg/kg) | TPH (mg/kg) GRO | TPH (mg/kg) DRO |
|------------|-----------------|-----------------|----------------------|--------------------|--------------------|
| S-3 | 0' | <0.300 | -- | <100 | 11600 |
| | 1' | 3.23 | -- | 78.4 | 2960 |
| | 2' | 3.61 | -- | 108 | 3120 |
| | 3' | <0.300 | -- | <10 | 10.9 |
| | 4' | <0.300 | -- | <10 | <10 |
| | 5' | <0.300 | -- | <10 | <10 |
| | 7' | <0.300 | -- | <10 | <10 |
| | 9' | <0.300 | -- | <10 | 31 |
| | 11' | <0.300 | -- | <10 | 64.2 |
| | 12' | <0.300 | -- | <10 | 52 |

--Analyte Not Tested

Proposed Remedial Actions

- The impacted area in the vicinity of sample location S-1 will be excavated to a depth of 3-feet deep. The impacted areas in the vicinity of sample locations of S-2 and S-3 will be excavated to the depth of 1-foot deep.
- The lined tank battery will be flushed with fresh water and a vac truck will be used to remove the excess fluids. The existing pea gravel will be mircoblazed (a bio-remediation agent) and left in place.
- All of the excavated material will be hauled to an NMOCD approved solid waste disposal facility.
- The excavated areas will then be backfilled with new top soil (locally obtained) and contoured to match the surrounding terrain.
- The area will be seeded with the NM State Land Office recommended seed mixture for the area.
- A final closure report documenting all remedial actions and analytical results will be provided to the NMOCD Artesia Office and the BLM along with a Final C-141 Form.

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

Attachments:

- Appendix I Site Plan
- Appendix II Initial C-141
- Appendix III Laboratory Results

APPENDIX I

SITE MAP

Legacy State CF #5



Google earth

© 2016 Google
© 2016 Europa Technologies

100 ft



APPENDIX II

INITIAL C-141

NM OIL CONSERVATION

ARTESIA DISTRICT

APR 14 2016

RECEIVED

Form C-141
Revised August 8, 2011

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

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

Release Notification and Corrective Action

DABIW1103315

240974

OPERATOR

☒ Initial Report ☐ Final Report

| | |
|--|-----------------------------|
| Name of Company: Legacy Reserves Operating, LP | Contact: Freddie Gibbs |
| Address: 303 W. Wall St. Ste 1300, Midland, TX 79701 | Telephone No.: 432-664-1692 |
| Facility Name: State CF #5 | Facility Type: Battery |

| | | |
|----------------------|----------------|-----------------------|
| Surface Owner: State | Mineral Owner: | API No.: 30-005-60304 |
|----------------------|----------------|-----------------------|

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|----------------|
| Unit Letter K | Section 13 | Township 11S | Range 27E | Feet from the 1980 | North/South Line South | Feet from the 1980 | East/West Line West | County: Chaves |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|----------------|

Latitude 33.363369 N Longitude -104.1924744 W

NATURE OF RELEASE

| | | |
|--|---|----------------------------|
| Type of Release: Mixed fluids | Volume of Release: 500 bbls | Volume Recovered: Unknown |
| Source of Release: Tank overflow | Date and Hour of Occurrence: 9/2015 | Date and Hour of Discovery |
| 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.*

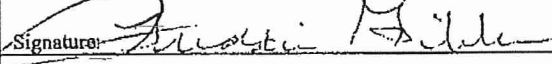

Describe Cause of Problem and Remedial Action Taken.* The horizontal pump and the high-level alarm failed causing the tank to overflow. Approximately 500 barrels were released into the lined containment. An estimated 3-4 barrels breached the containment and flowed approximately 500-feet into the pasture. A vac truck was called to the location to recover the free standing fluids.

Describe Area Affected and Cleanup Action Taken.*

Talon/LPE was retained by Legacy Reserves to develop a work plan and remediate the affected area in the pasture. Initial sampling activities were conducted on 4/6/2016.

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.

OIL CONSERVATION DIVISION

| | | |
|--|---|----------------------|
| Signature:  | Approved by Environmental Specialist:  | |
| Printed Name: Freddie Gibbs | Approval Date: 4/19/16 | Expiration Date: N/A |
| Title: Production Superintendent | Conditions of Approval: | |
| E-mail Address: fgibbs@legacyp.com | Attached <input type="checkbox"/> | |
| Date: 4/8/2016 Phone: 432-664-1692 | Remediation per O.C.D. Rules & Guidelines | |

* Attach Additional Sheets If Necessary

SUBMIT REMEDIATION PROPOSAL NO.
LATER THAN: 5/20/16

2RP-3648

APPENDIX III
LABORATORY RESULTS



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

April 13, 2016

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: STATE CF #5

Enclosed are the results of analyses for samples received by the laboratory on 04/07/16 12:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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: 04/07/2016
 Reported: 04/13/2016
 Project Name: STATE CF #5
 Project Number: 701047.162.01
 Project Location: CHAVES COUNTY, NM

 Sampling Date: 04/06/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-1 0' (H600750-01)

| 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 | 04/08/2016 | ND | 1.97 | 98.5 | 2.00 | 1.73 | |
| Toluene* | <0.050 | 0.050 | 04/08/2016 | ND | 1.86 | 92.8 | 2.00 | 3.49 | |
| Ethylbenzene* | 0.317 | 0.050 | 04/08/2016 | ND | 1.64 | 82.2 | 2.00 | 4.52 | |
| Total Xylenes* | <0.150 | 0.150 | 04/08/2016 | ND | 5.09 | 84.9 | 6.00 | 4.15 | |
| Total BTEX | 0.317 | 0.300 | 04/08/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 135 % 73.6-140

| 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 | 04/08/2016 | ND | 416 | 104 | 400 | 0.00 | |

| 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 | 81.3 | 50.0 | 04/08/2016 | ND | 185 | 92.4 | 200 | 1.37 | | |
| DRO >C10-C28 | 8460 | 50.0 | 04/08/2016 | ND | 180 | 89.8 | 200 | 6.73 | | |

Surrogate: 1-Chlorooctane 88.8 % 35-147

Surrogate: 1-Chlorooctadecane 298 % 28-171

Cardinal Laboratories

*=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: 04/07/2016
Reported: 04/13/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: CHAVES COUNTY, NM

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 0.5' (R) (H600750-02)

| 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 | 04/08/2016 | ND | 1.97 | 98.5 | 2.00 | 1.73 | |
| Toluene* | 0.261 | 0.200 | 04/08/2016 | ND | 1.86 | 92.8 | 2.00 | 3.49 | |
| Ethylbenzene* | <0.200 | 0.200 | 04/08/2016 | ND | 1.64 | 82.2 | 2.00 | 4.52 | |
| Total Xylenes* | 2.74 | 0.600 | 04/08/2016 | ND | 5.09 | 84.9 | 6.00 | 4.15 | |
| Total BTEX | 3.00 | 1.20 | 04/08/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 130 % 73.6-140

| 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 | 04/08/2016 | ND | 416 | 104 | 400 | 0.00 | |

| 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 | 365 | 50.0 | 04/08/2016 | ND | 185 | 92.4 | 200 | 1.37 | | |
| DRO >C10-C28 | 8130 | 50.0 | 04/08/2016 | ND | 180 | 89.8 | 200 | 6.73 | | |

Surrogate: 1-Chlorooctane 138 % 35-147

Surrogate: 1-Chlorooctadecane 257 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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. |
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

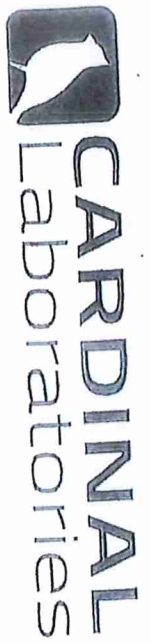
Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | |
|---|----------------|--------------------|--------------|-------------|------------|-------------------------|-----|--------------|--------|-------------|----------|--------------------------|--------|------------------------|-----------|-------------------|------|-----------------|--|-----------------------------|--|
| Company Name: Talon/LPE | | P.O. #: | | | | | | | | | | | | | | | | | | | |
| Project Manager: David Perkins | | Company: Talon/LPE | | | | | | | | | | | | | | | | | | | |
| Address: 408 W. Texas Ave. | | Attn: | | | | | | | | | | | | | | | | | | | |
| City: Artesia | | Address: | | | | | | | | | | | | | | | | | | | |
| State: NM Zip: 88210 | | City: | | | | | | | | | | | | | | | | | | | |
| Phone #: 575-746-8768 Fax #: 575-746-8905 | | State: Zip: | | | | | | | | | | | | | | | | | | | |
| Project #: 701047-16201 Project Owner: Legacy | | Phone #: | | | | | | | | | | | | | | | | | | | |
| Project Name: State LP #5 | | Fax #: | | | | | | | | | | | | | | | | | | | |
| Project Location: Charles LK | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Kim Wilson | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE/COOL | OTHER: | DATE | TIME | Chlorides | TPH | BTEX | | | | |
| 4400750 | 9-1 0' 0.5 (R) | 6 | 1 | 1 | | | | | | | | | 4/6/16 | 2:30 | 1 | 1 | 1 | | | | |
| 2 | 3-1 0.5 (R) | 6 | 1 | 1 | | | | | | | | | 4/6/16 | 2:32 | 1 | 1 | 1 | | | | |
| PLEASE NOTE: Liability and Damages, Cardinal's liability and claims are limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed void and null and voided by Cardinal within 30 days after completion of the analysis. 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. | | | | | | | | | | | | | | | | | | | | | |
| Relinquished By: Kim Wilson | | Date: 4/1/16 | | Time: 11:00 | | Received By: Kim Wilson | | Date: 4/1/16 | | Time: 12:05 | | Sample Condition: Intact | | Checked By: Kim Wilson | | Phone Result: Yes | | Fax Result: Yes | | Add'l Phone #: Add'l Fax #: | |
| Relinquished By: Kim Wilson | | Date: 4/1/16 | | Time: 11:00 | | Received By: Kim Wilson | | Date: 4/1/16 | | Time: 12:05 | | Sample Condition: Intact | | Checked By: Kim Wilson | | Phone Result: Yes | | Fax Result: Yes | | Add'l Phone #: Add'l Fax #: | |
| Delivered By: (Circle One) | | Date: 4/1/16 | | Time: 11:00 | | Received By: Kim Wilson | | Date: 4/1/16 | | Time: 12:05 | | Sample Condition: Intact | | Checked By: Kim Wilson | | Phone Result: Yes | | Fax Result: Yes | | Add'l Phone #: Add'l Fax #: | |
| Sampler - UPS - Bus - Other: | | Date: 4/1/16 | | Time: 11:00 | | Received By: Kim Wilson | | Date: 4/1/16 | | Time: 12:05 | | Sample Condition: Intact | | Checked By: Kim Wilson | | Phone Result: Yes | | Fax Result: Yes | | Add'l Phone #: Add'l Fax #: | |

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



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

April 26, 2016

KIMBERLY WILSON

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: STATE CF #5

Enclosed are the results of analyses for samples received by the laboratory on 04/20/16 9:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

 Received: 04/20/2016
 Reported: 04/26/2016
 Project Name: STATE CF #5
 Project Number: 701047.162.01
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/19/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-1 2' (H600850-01)

| 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 | 04/20/2016 | ND | 2.10 | 105 | 2.00 | 2.15 | |
| Toluene* | 0.129 | 0.050 | 04/20/2016 | ND | 2.01 | 100 | 2.00 | 2.78 | |
| Ethylbenzene* | 0.837 | 0.050 | 04/20/2016 | ND | 1.82 | 91.1 | 2.00 | 2.81 | |
| Total Xylenes* | 4.92 | 0.150 | 04/20/2016 | ND | 5.67 | 94.5 | 6.00 | 2.65 | |
| Total BTX | 5.89 | 0.300 | 04/20/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 140 % 73.6-140

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 165 | 10.0 | 04/20/2016 | ND | 186 | 93.0 | 200 | 8.42 | |
| DRO >C10-C28 | 2400 | 10.0 | 04/20/2016 | ND | 212 | 106 | 200 | 8.92 | |

Surrogate: 1-Chlorooctane 103 % 35-147

Surrogate: 1-Chlorooctadecane 117 % 28-171

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 3' (H600850-02)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|-----------------------|--------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/20/2016 | ND | 2.10 | 105 | 2.00 | 2.15 | |
| Toluene* | 0.092 | 0.050 | 04/20/2016 | ND | 2.01 | 100 | 2.00 | 2.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/20/2016 | ND | 1.82 | 91.1 | 2.00 | 2.81 | |
| Total Xylenes* | 6.61 | 0.150 | 04/20/2016 | ND | 5.67 | 94.5 | 6.00 | 2.65 | |
| Total BTEX | 6.70 | 0.300 | 04/20/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 150 % 73.6-140

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 427 | 10.0 | 04/20/2016 | ND | 186 | 93.0 | 200 | 8.42 | |
| DRO >C10-C28 | 6440 | 10.0 | 04/20/2016 | ND | 212 | 106 | 200 | 8.92 | |

Surrogate: 1-Chlorooctane 144 % 35-147

Surrogate: 1-Chlorooctadecane 190 % 28-171

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Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 4' (H600850-03)

| 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 | 04/20/2016 | ND | 2.10 | 105 | 2.00 | 2.15 | |
| Toluene* | <0.050 | 0.050 | 04/20/2016 | ND | 2.01 | 100 | 2.00 | 2.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/20/2016 | ND | 1.82 | 91.1 | 2.00 | 2.81 | |
| Total Xylenes* | <0.150 | 0.150 | 04/20/2016 | ND | 5.67 | 94.5 | 6.00 | 2.65 | |
| Total BTEX | <0.300 | 0.300 | 04/20/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 73.6-140

| 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 | 04/20/2016 | ND | 186 | 93.0 | 200 | 8.42 | |
| DRO >C10-C28 | 20.3 | 10.0 | 04/20/2016 | ND | 212 | 106 | 200 | 8.92 | |

Surrogate: 1-Chlorooctane 75.2 % 35-147

Surrogate: 1-Chlorooctadecane 80.3 % 28-171

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Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 5' (H600850-04)

| 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 | 04/20/2016 | ND | 2.10 | 105 | 2.00 | 2.15 | |
| Toluene* | <0.050 | 0.050 | 04/20/2016 | ND | 2.01 | 100 | 2.00 | 2.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/20/2016 | ND | 1.82 | 91.1 | 2.00 | 2.81 | |
| Total Xylenes* | <0.150 | 0.150 | 04/20/2016 | ND | 5.67 | 94.5 | 6.00 | 2.65 | |
| Total BTX | <0.300 | 0.300 | 04/20/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 112 % 73.6-140

| 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 | 04/20/2016 | ND | 186 | 93.0 | 200 | 8.42 | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/20/2016 | ND | 212 | 106 | 200 | 8.92 | |

Surrogate: 1-Chlorooctane 92.1 % 35-147

Surrogate: 1-Chlorooctadecane 102 % 28-171

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

 Received: 04/20/2016
 Reported: 04/26/2016
 Project Name: STATE CF #5
 Project Number: 701047.162.01
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/19/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-1 6' (H600850-05)

| 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 | 04/20/2016 | ND | 2.10 | 105 | 2.00 | 2.15 | |
| Toluene* | <0.050 | 0.050 | 04/20/2016 | ND | 2.01 | 100 | 2.00 | 2.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/20/2016 | ND | 1.82 | 91.1 | 2.00 | 2.81 | |
| Total Xylenes* | <0.150 | 0.150 | 04/20/2016 | ND | 5.67 | 94.5 | 6.00 | 2.65 | |
| Total BTEX | <0.300 | 0.300 | 04/20/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 112 % 73.6-140

| 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 | 04/20/2016 | ND | 186 | 93.0 | 200 | 8.42 | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/20/2016 | ND | 212 | 106 | 200 | 8.92 | |


Surrogate: 1-Chlorooctane 79.3 % 35-147

Surrogate: 1-Chlorooctadecane 86.8 % 28-171

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

 Received: 04/20/2016
 Reported: 04/26/2016
 Project Name: STATE CF #5
 Project Number: 701047.162.01
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/19/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-1 9' (H600850-06)

| 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 | 04/21/2016 | ND | 1.90 | 95.2 | 2.00 | 2.53 | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.83 | 91.3 | 2.00 | 3.48 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.65 | 82.7 | 2.00 | 3.67 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.15 | 85.9 | 6.00 | 3.39 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 73.6-140

| 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 | 04/20/2016 | ND | 186 | 93.0 | 200 | 8.42 | |
| DRO >C10-C28 | 297 | 10.0 | 04/20/2016 | ND | 212 | 106 | 200 | 8.92 | |

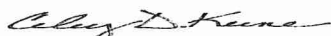
Surrogate: 1-Chlorooctane 77.5 % 35-147

Surrogate: 1-Chlorooctadecane 92.9 % 28-171

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Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 10' (H600850-07)

| 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 | 04/21/2016 | ND | 1.90 | 95.2 | 2.00 | 2.53 | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.83 | 91.3 | 2.00 | 3.48 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.65 | 82.7 | 2.00 | 3.67 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.15 | 85.9 | 6.00 | 3.39 | |
| Total BTX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.6-140

| 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 | 04/20/2016 | ND | 186 | 93.0 | 200 | 8.42 | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/20/2016 | ND | 212 | 106 | 200 | 8.92 | |


Surrogate: 1-Chlorooctane 78.6 % 35-147

Surrogate: 1-Chlorooctadecane 85.9 % 28-171

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Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 11' (H600850-08)

| 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 | 04/21/2016 | ND | 1.90 | 95.2 | 2.00 | 2.53 | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.83 | 91.3 | 2.00 | 3.48 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.65 | 82.7 | 2.00 | 3.67 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.15 | 85.9 | 6.00 | 3.39 | |
| Total BTEx | <0.300 | 0.300 | 04/21/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 110 % 73.6-140

| 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 | 04/20/2016 | ND | 186 | 93.0 | 200 | 8.42 | |
| DRO >C10-C28 | 509 | 10.0 | 04/20/2016 | ND | 212 | 106 | 200 | 8.92 | |

Surrogate: 1-Chlorooctane 81.3 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 12' (H600850-09)

| 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 | 04/21/2016 | ND | 1.90 | 95.2 | 2.00 | 2.53 | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.83 | 91.3 | 2.00 | 3.48 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.65 | 82.7 | 2.00 | 3.67 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.15 | 85.9 | 6.00 | 3.39 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 73.6-140

| 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 | 04/20/2016 | ND | 188 | 94.2 | 200 | 9.74 | |
| DRO >C10-C28 | 71.2 | 10.0 | 04/20/2016 | ND | 215 | 107 | 200 | 1.32 | |


Surrogate: 1-Chlorooctane 91.6 % 35-147

Surrogate: 1-Chlorooctadecane 96.5 % 28-171

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Analytical Results For:

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

 Received: 04/20/2016
 Reported: 04/26/2016
 Project Name: STATE CF #5
 Project Number: 701047.162.01
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/19/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-2 0' (H600850-10)

| 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 | 04/21/2016 | ND | 1.90 | 95.2 | 2.00 | 2.53 | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.83 | 91.3 | 2.00 | 3.48 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.65 | 82.7 | 2.00 | 3.67 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.15 | 85.9 | 6.00 | 3.39 | |
| Total BTX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PII) 111 % 73.6-140

| 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 | <100 | 100 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | |
| DRO >C10-C28 | 32600 | 100 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | |

Surrogate: 1-Chlorooctane 91.1 % 35-147

Surrogate: 1-Chlorooctadecane 2010 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-2 1' (H600850-11)

| 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 | 04/21/2016 | ND | 1.90 | 95.2 | 2.00 | 2.53 | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.83 | 91.3 | 2.00 | 3.48 | |
| Ethylbenzene* | 0.070 | 0.050 | 04/21/2016 | ND | 1.65 | 82.7 | 2.00 | 3.67 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.15 | 85.9 | 6.00 | 3.39 | |
| Total BTX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 114 % 73.6-140

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 33.7 | 10.0 | 04/20/2016 | ND | 188 | 94.2 | 200 | 9.74 | |
| DRO >C10-C28 | 2240 | 10.0 | 04/20/2016 | ND | 215 | 107 | 200 | 1.32 | |

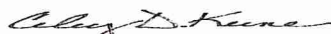
Surrogate: 1-Chlorooctane 87.1 % 35-147

Surrogate: 1-Chlorooctadecane 178 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 04/20/2016
 Reported: 04/26/2016
 Project Name: STATE CF #5
 Project Number: 701047.162.01
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/19/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-2 2' (H600850-12)

| BTEx 8021B | | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.90 | 95.2 | 2.00 | 2.53 | | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.83 | 91.3 | 2.00 | 3.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.65 | 82.7 | 2.00 | 3.67 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.15 | 85.9 | 6.00 | 3.39 | | |
| Total BTEX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 111 % 73.6-140

| 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 | 04/20/2016 | ND | 188 | 94.2 | 200 | 9.74 | | | |
| DRO >C10-C28 | 1400 | 10.0 | 04/20/2016 | ND | 215 | 107 | 200 | 1.32 | | | |

Surrogate: 1-Chlorooctane 86.6 % 35-147

Surrogate: 1-Chlorooctadecane 164 % 28-171

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Analytical Results For:

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

 Received: 04/20/2016
 Reported: 04/26/2016
 Project Name: STATE CF #5
 Project Number: 701047.162.01
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/19/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-2 3' (H600850-13)

| BTEX 8021B | | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.90 | 95.2 | 2.00 | 2.53 | | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.83 | 91.3 | 2.00 | 3.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.65 | 82.7 | 2.00 | 3.67 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.15 | 85.9 | 6.00 | 3.39 | | |
| Total BTEX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 112 % 73.6-140

| 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 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | | | |
| DRO >C10-C28 | 11.8 | 10.0 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | | | |


Surrogate: 1-Chlorooctane 83.0 % 35-147

Surrogate: 1-Chlorooctadecane 89.9 % 28-171

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Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-2 4' (H600850-14)

| 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 | 04/21/2016 | ND | 1.90 | 95.2 | 2.00 | 2.53 | | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.83 | 91.3 | 2.00 | 3.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.65 | 82.7 | 2.00 | 3.67 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.15 | 85.9 | 6.00 | 3.39 | | |
| Total BTX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 73.6-140

| 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 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | | | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | | | |


Surrogate: 1-Chlorooctane 75.6 % 35-147

Surrogate: 1-Chlorooctadecane 78.2 % 28-171

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Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-2 5' (H600850-15)

| 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 | 04/21/2016 | ND | 1.90 | 95.2 | 2.00 | 2.53 | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.83 | 91.3 | 2.00 | 3.48 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.65 | 82.7 | 2.00 | 3.67 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.15 | 85.9 | 6.00 | 3.39 | |
| Total BTX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 111 % 73.6-140

| 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 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | |

Surrogate: 1-Chlorooctane 81.7 % 35-147

Surrogate: 1-Chlorooctadecane 89.6 % 28-171

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Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-2 7' (H600850-16)

| 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 | 04/21/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | | |
| Total BTEX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 73.6-140

| 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 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | | | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | | | |


Surrogate: 1-Chlorooctane 79.7 % 35-147

Surrogate: 1-Chlorooctadecane 87.1 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 04/20/2016
 Reported: 04/26/2016
 Project Name: STATE CF #5
 Project Number: 701047.162.01
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/19/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-2 9' (H600850-17)

| BTEX 8021B | | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/21/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | | |
| Total BTEX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 73.6-140

| 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 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | | | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | | | |

Surrogate: 1-Chlorooctane 84.7 % 35-147

Surrogate: 1-Chlorooctadecane 94.4 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-2 11' (H600850-18)

| 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 | 04/21/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 104 % 73.6-140

| 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 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | |
| DRO >C10-C28 | 122 | 10.0 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | |

Surrogate: 1-Chlorooctane 72.6 % 35-147

Surrogate: 1-Chlorooctadecane 95.3 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 04/20/2016
 Reported: 04/26/2016
 Project Name: STATE CF #5
 Project Number: 701047.162.01
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/19/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-2 12' (H600850-19)

| 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 | 04/21/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | | |
| Total BTX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 73.6-140

| 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 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | | | |
| DRO >C10-C28 | 26.9 | 10.0 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | | | |

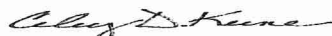
Surrogate: 1-Chlorooctane 84.9 % 35-147

Surrogate: 1-Chlorooctadecane 93.1 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-3 0' (H600850-20)

| 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 | 04/21/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | |
| Toluene* | <0.050 | 0.050 | 04/21/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 73.6-140

| 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 | <100 | 100 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | |
| DRO >C10-C28 | 11600 | 100 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | |

Surrogate: 1-Chlorooctane 78.4 % 35-147

Surrogate: 1-Chlorooctadecane 582 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-3 1' (H600850-21)

| BTEX 8021B | | mg/kg | Analyzed By: MS | | | | S-04 | | |
|-----------------------|--------------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/21/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | |
| Toluene* | 0.094 | 0.050 | 04/21/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | |
| Total Xylenes* | 3.13 | 0.150 | 04/21/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | |
| Total BTEX | 3.23 | 0.300 | 04/21/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 158 % 73.6-140

| TPH 8015M | | mg/kg | Analyzed By: MS | | | | | | |
|------------------------|-------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 78.4 | 10.0 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | |
| DRO >C10-C28 | 2960 | 10.0 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | |

Surrogate: 1-Chlorooctane 95.4 % 35-147

Surrogate: 1-Chlorooctadecane 134 % 28-171

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-3 2' (H600850-22)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|----------------|--------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/22/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | |
| Toluene* | 0.103 | 0.050 | 04/22/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | |
| Total Xylenes* | 3.51 | 0.150 | 04/22/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | |
| Total BTEX | 3.61 | 0.300 | 04/22/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 165 % 73.6-140

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 108 | 10.0 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | |
| DRO >C10-C28 | 3120 | 10.0 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | |

Surrogate: 1-Chlorooctane 96.8 % 35-147

Surrogate: 1-Chlorooctadecane 123 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-3 3' (H600850-23)

| BTEX 8021B | | | mg/kg | | Analyzed By: MS | | | | |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/22/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | |
| Toluene* | <0.050 | 0.050 | 04/22/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 73.6-140

| 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 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | |
| DRO >C10-C28 | 10.9 | 10.0 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | |

Surrogate: 1-Chlorooctane 84.8 % 35-147

Surrogate: 1-Chlorooctadecane 89.2 % 28-171

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Analytical Results For:

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

 Received: 04/20/2016
 Reported: 04/26/2016
 Project Name: STATE CF #5
 Project Number: 701047.162.01
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/19/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-3 4' (H600850-24)

| 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 | 04/22/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | | |
| Toluene* | <0.050 | 0.050 | 04/22/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | | |
| Total BTEX | <0.300 | 0.300 | 04/22/2016 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 73.6-140

| 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 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | | | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | | | |


Surrogate: 1-Chlorooctane 81.4 % 35-147

Surrogate: 1-Chlorooctadecane 86.9 % 28-171

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Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-3 5' (H600850-25)

| 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 | 04/22/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | | |
| Toluene* | <0.050 | 0.050 | 04/22/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | | |
| Total BTX | <0.300 | 0.300 | 04/22/2016 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PII) 106 % 73.6-140

| 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 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | | | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | | | |

Surrogate: 1-Chlorooctane 82.3 % 35-147

Surrogate: 1-Chlorooctadecane 84.5 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 04/20/2016
 Reported: 04/26/2016
 Project Name: STATE CF #5
 Project Number: 701047.162.01
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/19/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-3 7' (H600850-26)

| BTEx 8021B | | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/22/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | | |
| Toluene* | <0.050 | 0.050 | 04/22/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | | |
| Total BTEX | <0.300 | 0.300 | 04/22/2016 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PII) 105 % 73.6-140

| 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 | 04/21/2016 | ND | 188 | 94.2 | 200 | 9.74 | | | |
| DRO >C10-C28 | <10.0 | 10.0 | 04/21/2016 | ND | 215 | 107 | 200 | 1.32 | | | |

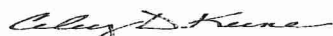
Surrogate: 1-Chlorooctane 80.9 % 35-147

Surrogate: 1-Chlorooctadecane 86.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 04/20/2016
 Reported: 04/26/2016
 Project Name: STATE CF #5
 Project Number: 701047.162.01
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/19/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-3 9' (H600850-27)

| BTEX 8021B | | | mg/kg | | Analyzed By: MS | | | | |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/22/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | |
| Toluene* | <0.050 | 0.050 | 04/22/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.6-140

| 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 | 04/21/2016 | ND | 182 | 91.1 | 200 | 1.92 | |
| DRO >C10-C28 | 31.6 | 10.0 | 04/21/2016 | ND | 199 | 99.6 | 200 | 4.69 | |

Surrogate: 1-Chlorooctane 91.4 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/20/2016
Reported: 04/26/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-3 11' (H600850-28)

| 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 | 04/22/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | | |
| Toluene* | <0.050 | 0.050 | 04/22/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | | |
| Total BTEx | <0.300 | 0.300 | 04/22/2016 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 103 % 73.6-140

| 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 | 04/21/2016 | ND | 182 | 91.1 | 200 | 1.92 | | | |
| DRO >C10-C28 | 64.2 | 10.0 | 04/21/2016 | ND | 199 | 99.6 | 200 | 4.69 | | | |

Surrogate: 1-Chlorooctane 85.1 % 35-147

Surrogate: 1-Chlorooctadecane 96.5 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 04/20/2016
 Reported: 04/26/2016
 Project Name: STATE CF #5
 Project Number: 701047.162.01
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/19/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-3 12' (H600850-29)

| 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 | 04/22/2016 | ND | 2.14 | 107 | 2.00 | 2.41 | |
| Toluene* | <0.050 | 0.050 | 04/22/2016 | ND | 2.06 | 103 | 2.00 | 2.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2016 | ND | 1.87 | 93.6 | 2.00 | 3.31 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2016 | ND | 5.74 | 95.6 | 6.00 | 3.02 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 103 % 73.6-140

| 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 | 04/21/2016 | ND | 182 | 91.1 | 200 | 1.92 | |
| DRO >C10-C28 | 52.0 | 10.0 | 04/21/2016 | ND | 199 | 99.6 | 200 | 4.69 | |

Surrogate: 1-Chlorooctane 98.2 % 35-147

Surrogate: 1-Chlorooctadecane 110 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

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. |
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 1 of 3

ANALYSIS REQUEST

| | | | |
|-----------------------------|-------------|-----------------------|--------------|
| Company Name: Talon/LPE | | P.O. #: | |
| Project Manager: Kim Wilson | | Company: Talon/LPE | |
| Address: 408 W. Texas Ave. | | Attn: | |
| City: Artesia | | State: NM Zip: 88210 | |
| Phone #: 575-746-8768 | | Fax #: 575-746-8905 | |
| Project #: 701047.16.2.01 | | Project Owner: Legacy | |
| Project Name: State of NM | | City: | |
| Project Location: Eddy Co | | State: Zip: | |
| Sampler Name: Kim Wilson | | Phone #: | |
| Fax #: | | | |
| FOR LAB USE ONLY | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS |
| HL00850 | 1 | 2' | 1 |
| | 2 | 3' | 1 |
| | 3 | 4' | 1 |
| | 4 | 5' | 1 |
| | 5 | 6' | 1 |
| | 6 | 7' | 1 |
| | 7 | 8' | 1 |
| | 8 | 9' | 1 |
| | 9 | 10' | 1 |
| | 10 | 11' | 1 |
| | 11 | 12' | 1 |
| | 12 | 13' | 1 |
| | 13 | 14' | 1 |
| | 14 | 15' | 1 |
| | 15 | 16' | 1 |
| | 16 | 17' | 1 |
| | 17 | 18' | 1 |
| | 18 | 19' | 1 |
| | 19 | 20' | 1 |
| | 20 | 21' | 1 |
| | 21 | 22' | 1 |
| | 22 | 23' | 1 |
| | 23 | 24' | 1 |
| | 24 | 25' | 1 |
| | 25 | 26' | 1 |
| | 26 | 27' | 1 |
| | 27 | 28' | 1 |
| | 28 | 29' | 1 |
| | 29 | 30' | 1 |
| | 30 | 31' | 1 |
| | 31 | 32' | 1 |
| | 32 | 33' | 1 |
| | 33 | 34' | 1 |
| | 34 | 35' | 1 |
| | 35 | 36' | 1 |
| | 36 | 37' | 1 |
| | 37 | 38' | 1 |
| | 38 | 39' | 1 |
| | 39 | 40' | 1 |
| | 40 | 41' | 1 |
| | 41 | 42' | 1 |
| | 42 | 43' | 1 |
| | 43 | 44' | 1 |
| | 44 | 45' | 1 |
| | 45 | 46' | 1 |
| | 46 | 47' | 1 |
| | 47 | 48' | 1 |
| | 48 | 49' | 1 |
| | 49 | 50' | 1 |
| | 50 | 51' | 1 |
| | 51 | 52' | 1 |
| | 52 | 53' | 1 |
| | 53 | 54' | 1 |
| | 54 | 55' | 1 |
| | 55 | 56' | 1 |
| | 56 | 57' | 1 |
| | 57 | 58' | 1 |
| | 58 | 59' | 1 |
| | 59 | 60' | 1 |
| | 60 | 61' | 1 |
| | 61 | 62' | 1 |
| | 62 | 63' | 1 |
| | 63 | 64' | 1 |
| | 64 | 65' | 1 |
| | 65 | 66' | 1 |
| | 66 | 67' | 1 |
| | 67 | 68' | 1 |
| | 68 | 69' | 1 |
| | 69 | 70' | 1 |
| | 70 | 71' | 1 |
| | 71 | 72' | 1 |
| | 72 | 73' | 1 |
| | 73 | 74' | 1 |
| | 74 | 75' | 1 |
| | 75 | 76' | 1 |
| | 76 | 77' | 1 |
| | 77 | 78' | 1 |
| | 78 | 79' | 1 |
| | 79 | 80' | 1 |
| | 80 | 81' | 1 |
| | 81 | 82' | 1 |
| | 82 | 83' | 1 |
| | 83 | 84' | 1 |
| | 84 | 85' | 1 |
| | 85 | 86' | 1 |
| | 86 | 87' | 1 |
| | 87 | 88' | 1 |
| | 88 | 89' | 1 |
| | 89 | 90' | 1 |
| | 90 | 91' | 1 |
| | 91 | 92' | 1 |
| | 92 | 93' | 1 |
| | 93 | 94' | 1 |
| | 94 | 95' | 1 |
| | 95 | 96' | 1 |
| | 96 | 97' | 1 |
| | 97 | 98' | 1 |
| | 98 | 99' | 1 |
| | 99 | 100' | 1 |
| | 100 | 101' | 1 |
| | 101 | 102' | 1 |
| | 102 | 103' | 1 |
| | 103 | 104' | 1 |
| | 104 | 105' | 1 |
| | 105 | 106' | 1 |
| | 106 | 107' | 1 |
| | 107 | 108' | 1 |
| | 108 | 109' | 1 |
| | 109 | 110' | 1 |
| | 110 | 111' | 1 |
| | 111 | 112' | 1 |
| | 112 | 113' | 1 |
| | 113 | 114' | 1 |
| | 114 | 115' | 1 |
| | 115 | 116' | 1 |
| | 116 | 117' | 1 |
| | 117 | 118' | 1 |
| | 118 | 119' | 1 |
| | 119 | 120' | 1 |
| | 120 | 121' | 1 |
| | 121 | 122' | 1 |
| | 122 | 123' | 1 |
| | 123 | 124' | 1 |
| | 124 | 125' | 1 |
| | 125 | 126' | 1 |
| | 126 | 127' | 1 |
| | 127 | 128' | 1 |
| | 128 | 129' | 1 |
| | 129 | 130' | 1 |
| | 130 | 131' | 1 |
| | 131 | 132' | 1 |
| | 132 | 133' | 1 |
| | 133 | 134' | 1 |
| | 134 | 135' | 1 |
| | 135 | 136' | 1 |
| | 136 | 137' | 1 |
| | 137 | 138' | 1 |
| | 138 | 139' | 1 |
| | 139 | 140' | 1 |
| | 140 | 141' | 1 |
| | 141 | 142' | 1 |
| | 142 | 143' | 1 |
| | 143 | 144' | 1 |
| | 144 | 145' | 1 |
| | 145 | 146' | 1 |
| | 146 | 147' | 1 |
| | 147 | 148' | 1 |
| | 148 | 149' | 1 |
| | 149 | 150' | 1 |
| | 150 | 151' | 1 |
| | 151 | 152' | 1 |
| | 152 | 153' | 1 |
| | 153 | 154' | 1 |
| | 154 | 155' | 1 |
| | 155 | 156' | 1 |
| | 156 | 157' | 1 |
| | 157 | 158' | 1 |
| | 158 | 159' | 1 |
| | 159 | 160' | 1 |
| | 160 | 161' | 1 |
| | 161 | 162' | 1 |
| | 162 | 163' | 1 |
| | 163 | 164' | 1 |
| | 164 | 165' | 1 |
| | 165 | 166' | 1 |
| | 166 | 167' | 1 |
| | 167 | 168' | 1 |
| | 168 | 169' | 1 |
| | 169 | 170' | 1 |
| | 170 | 171' | 1 |
| | 171 | 172' | 1 |
| | 172 | 173' | 1 |
| | 173 | 174' | 1 |
| | 174 | 175' | 1 |
| | 175 | 176' | 1 |
| | 176 | 177' | 1 |
| | 177 | 178' | 1 |
| | 178 | 179' | 1 |
| | 179 | 180' | 1 |
| | 180 | 181' | 1 |
| | 181 | 182' | 1 |
| | 182 | 183' | 1 |
| | 183 | 184' | 1 |
| | 184 | 185' | 1 |
| | 185 | 186' | 1 |
| | 186 | 187' | 1 |
| | 187 | 188' | 1 |
| | 188 | 189' | 1 |
| | 189 | 190' | 1 |
| | 190 | 191' | 1 |
| | 191 | 192' | 1 |
| | 192 | 193' | 1 |
| | 193 | 194' | 1 |
| | 194 | 195' | 1 |
| | 195 | 196' | 1 |
| | 196 | 197' | 1 |
| | 197 | 198' | 1 |
| | 198 | 199' | 1 |
| | 199 | 200' | 1 |
| | 200 | 201' | 1 |
| | 201 | 202' | 1 |
| | 202 | 203' | 1 |
| | 203 | 204' | 1 |
| | 204 | 205' | 1 |
| | 205 | 206' | 1 |
| | 206 | 207' | 1 |
| | 207 | 208' | 1 |
| | 208 | 209' | 1 |
| | 209 | 210' | 1 |
| | 210 | 211' | 1 |
| | 211 | 212' | 1 |
| | 212 | 213' | 1 |
| | 213 | 214' | 1 |
| | 214 | 215' | 1 |
| | 215 | 216' | 1 |
| | 216 | 217' | 1 |
| | 217 | 218' | 1 |
| | 218 | 219' | 1 |
| | 219 | 220' | 1 |
| | 220 | 221' | 1 |
| | 221 | 222' | 1 |
| | 222 | 223' | 1 |
| | 223 | 224' | 1 |
| | 224 | 225' | 1 |
| | 225 | 226' | 1 |
| | 226 | 227' | 1 |
| | 227 | 228' | 1 |
| | 228 | 229' | 1 |
| | 229 | 230' | 1 |
| | 230 | 231' | 1 |
| | 231 | 232' | 1 |
| | 232 | 233' | 1 |
| | 233 | 234' | 1 |
| | 234 | 235' | 1 |
| | 235 | 236' | 1 |
| | 236 | 237' | 1 |
| | 237 | 238' | 1 |
| | 238 | 239' | 1 |
| | 239 | 240' | 1 |
| | 240 | 241' | 1 |
| | 241 | 242' | 1 |
| | 242 | 243' | 1 |
| | 243 | 244' | 1 |
| | 244 | 245' | 1 |
| | 245 | 246' | 1 |
| | 246 | 247' | 1 |
| | 247 | 248' | 1 |
| | 248 | 249' | 1 |
| | 249 | 250' | 1 |
| | 250 | 251' | 1 |
| | 251 | 252' | 1 |
| | 252 | 253' | 1 |
| | 253 | 254' | 1 |
| | 254 | 255' | 1 |
| | 255 | 256' | 1 |
| | 256 | 257' | 1 |
| | 257 | 258' | 1 |
| | 258 | 259' | 1 |
| | 259 | 260' | 1 |
| | 260 | 261' | 1 |
| | 261 | 262' | 1 |
| | 262 | 263' | 1 |
| | 263 | 264' | 1 |
| | 264 | 265' | 1 |
| | 265 | 266' | 1 |
| | 266 | 267' | 1 |
| | 267 | 268' | 1 |
| | 268 | 269' | 1 |
| | 269 | 270' | 1 |
| | 270 | 271' | 1 |
| | 271 | 272' | 1 |
| | 272 | 273' | 1 |
| | 273 | 274' | 1 |
| | 274 | 275' | 1 |
| | 275 | 276' | 1 |
| | 276 | 277' | 1 |
| | 277 | 278' | 1 |
| | 278 | 279' | 1 |
| | 279 | 280' | 1 |
| | 280 | 281' | 1 |
| | 281 | 282' | 1 |
| | 282 | 283' | 1 |
| | 283 | 284' | 1 |
| | 284 | 285' | 1 |
| | 285 | 286' | 1 |
| | 286 | 287' | 1 |
| | 287 | 288' | 1 |
| | 288 | 289' | 1 |
| | 289 | 290' | 1 |
| | 290 | 291' | 1 |
| | 291 | 292' | 1 |
| | 292 | 293' | 1 |
| | 293 | 294' | 1 |
| | 294 | 295' | 1 |
| | 295 | 296' | 1 |
| | 296 | 297' | 1 |
| | 297 | 298' | 1 |
| | 298 | 299' | 1 |
| | 299 | 300' | 1 |
| | 300 | 301' | 1 |
| | 301 | 302' | 1 |
| | 302 | 303' | 1 |
| | 303 | 304' | 1 |
| | 304 | 305' | 1 |
| | 305 | 306' | 1 |
| | 306 | 307' | 1 |
| | 307 | 308' | 1 |
| | 308 | 309' | 1 |
| | 309 | 310' | 1 |
| | 310 | 311' | 1 |
| | 311 | 312' | 1 |
| | 312 | 313' | 1 |
| | 313 | 314' | 1 |
| | 314 | 315' | 1 |
| | 315 | 316' | 1 |
| | 316 | 317' | 1 |
| | 317 | 318' | 1 |
| | 318 | 319' | 1 |
| | 319 | 320' | 1 |
| | 320 | 321' | 1 |
| | 321 | 322' | 1 |
| | 322 | 323' | 1 |
| | 323 | 324' | 1 |
| | 324 | 325' | 1 |
| | 325 | 326' | 1 |
| | 326 | 327' | 1 |
| | 327 | 328' | 1 |
| | 328 | 329' | 1 |
| | 329 | 330' | 1 |
| | 330 | 331' | 1 |
| | 331 | 332' | 1 |
| | 332 | 333' | 1 |
| | 333 | 334' | 1 |
| | 334 | 335' | 1 |
| | 335 | 336' | 1 |
| | 336 | 337' | 1 |
| | 337 | 338' | 1 |
| | 338 | 339' | 1 |
| | 339 | 340' | 1 |
| | 340 | 341' | 1 |
| | 341 | 342' | 1 |
| | 342 | 343' | 1 |
| | 343 | 344' | 1 |
| | 344 | 345' | 1 |
| | 345 | 346' | 1 |
| | 346 | 347' | 1 |
| | 347 | 348' | 1 |
| | 348 | 349' | 1 |
| | 349 | 350' | 1 |
| | 350 | 351' | 1 |
| | 351 | 352' | 1 |
| | 352 | 353' | 1 |
| | 353 | 354' | 1 |
| | 354 | 355' | 1 |
| | 355 | 356' | 1 |
| | 356 | 357' | 1 |
| | 357 | 358' | 1 |
| | 358 | 359' | 1 |
| | 359 | 360' | 1 |
| | 360 | 361' | 1 |
| | 361 | 362' | 1 |
| | 362 | 363' | 1 |
| | 363 | 364' | 1 |
| | 364 | 365' | 1 |
| | 365 | 366' | 1 |
| | 366 | 367' | 1 |
| | 367 | 368' | 1 |
| | 368 | 369' | 1 |
| | 369 | 370' | 1 |
| | 370 | 371' | 1 |
| | 371 | 372' | 1 |
| | 372 | 373' | 1 |
| | 373 | 374' | 1 |
| | 374 | 375' | 1 |
| | 375 | 376' | 1 |
| | 376 | 377' | 1 |
| | 377 | 378' | 1 |
| | 378 | 379' | 1 |
| | 379 | 380' | 1 |
| | 380 | 381' | 1 |
| | 381 | 382' | 1 |
| | 382 | 383' | 1 |
| | 383 | 384' | 1 |
| | 384 | 385' | 1 |
| | 385 | 386' | 1 |
| | 386 | 387' | 1 |
| | 387 | 388' | 1 |
| | 388 | 389' | 1 |
| | 389 | 390' | 1 |
| | 390 | 391' | 1 |
| | 391 | 392' | 1 |
| | 392 | 393' | 1 |
| | 393 | 394' | 1 |
| | 394 | 395' | 1 |
| | 395 | 396' | 1 |
| | 396 | 397' | 1 |
| | 397 | 398' | 1 |
| | 398 | 399' | |



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

Page 2 of 3

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2922.



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 3 of 3

| | | | | | | | | | | | | | | |
|----------------------------|-------------|--------------------|--------------|------------------|----------|----------|--------|------------|----------|--------|---------|------|-----|------|
| Company Name: Talon/LPE | | P.O. #: | | ANALYSIS REQUEST | | | | | | | | | | |
| Project Manager: | | Company: Talon/LPE | | | | | | | | | | | | |
| Address: 408 W. Texas Ave. | | Attn: | | | | | | | | | | | | |
| City: Artesia | | Address: | | | | | | | | | | | | |
| Phone #: 575-746-8768 | | City: | | | | | | | | | | | | |
| Fax #: 575-746-8905 | | State: | | | | | | | | | | | | |
| Project #: | | Zip: | | | | | | | | | | | | |
| Project Name: | | Phone #: | | | | | | | | | | | | |
| Project Location: | | Fax #: | | | | | | | | | | | | |
| Sampler Name: | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | PRESERV. | SAMPLING | | | | | | | | |
| | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE/COOL | OTHER: | DATE | TIME | TPH | BTEX |
| H1000850 | 5-3-1' | | | | | | | | | | 4/19/16 | | | |
| 21 | 5-3-1' | | | | | | | | | | | | | |
| 22 | 5-3-2' | | | | | | | | | | | | | |
| 23 | 5-3-3' | | | | | | | | | | | | | |
| 24 | 5-3-4' | | | | | | | | | | | | | |
| 25 | 5-3-5' | | | | | | | | | | | | | |
| 26 | 5-3-7' | | | | | | | | | | | | | |
| 27 | 5-3-9' | | | | | | | | | | | | | |
| 28 | 5-3-11' | | | | | | | | | | | | | |
| 29 | 5-3-12' | | | | | | | | | | | | | |

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Relinquished By: Tom Miller Date: 4/20/16 Received By: Bob Page Date: 4/20/16
Relinquished By: Bob Page Date: 4/20/16 Received By: Bob Page Date: 4/20/16
Delivered By: (Circle One) Bob Page Sample Condition: Intact Checked By: Bob Page
Sampler: UPS - Bus - Other: 2.22 Cool: Yes Intact: Yes No: No No: No

Phone Results: ☐ Yes ☐ No Add'l Phone #: 575-746-8768
Fax Results: ☐ Yes ☐ No Add'l Fax #: 575-746-8905
REMARKS: #54