

January 12, 2014

AMARILLO 921 North Bivins Amarillo. Texas 79107 Phone 806,467.0607 Fax 806,467.0622

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

ABTESIA

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

Soil Assessment and Remediation Work Plan

Oxy USA WTP Limited Partnership

Government AA Com #1

API: 30-015-21286 – 2RP-2652

AMENDED

HOBBS

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

Dear Mr. Bratcher,

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

MIDLAND 290I State Hwy 349 Midland, Texas 79706 Phone 432.522.2133 Fax 432.522.2180

Background Information

OKLAHOMA CITY 7700 North Hudson Avenue Suite IO Oklahoma City, Oklahoma 73II6 Phone 405.486.7030 Fax 806.467.0622

The Government AA Com No. 1 is located approximately 35 miles southeast of Artesia, New Mexico. The legal location for this release is Unit Letter C, Section 23, Township 20 South, and Range 28 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.564595 North and -104.1504613 West. A site plan is presented in Appendix I.

SAN ANTONIO 13111 Lookout Way San Antonio, Texas 78233 Phone 210.265.8025 Fax 210.568.2191 According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Gypsum land-Reeves complex with 0 to 3 percent slopes The local surface and shallow geology is Holocene to Pleistocene in age and sedimentary deposits, is comprised of residuum weathered gypsum which includes alluvium and eolian sand soils under lain by gypsiferous material, clay loam and hard caliches. According to the Chevron/Texaco Water Trend map shows ground water to be between 50-100 feet below ground level.

The ranking for this site is 10 based on the following:

Depth to ground water 50-100'
Wellhead Protection Area >1000'
Distance to surface water body >1000'

ENVIRONMENTAL CONSULTING ENGINEERING

DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Toll Free: 866.742.0742 www.talonlpe.com

Proposed Remedial Actions

- The impacted area in the vicinity of S-3 and S-4 will be excavated to a minimum depth of 2-feet bgs. Field chlorides titration testing will be used to guide the excavation. Once field results indicate that the impacted soil is below NMOCD Recommended Remedial Action Level's (RRAL's) a confirmation soil samples will be taken to insure all of the impacted material was removed.
- The impacted area in the vicinity of sample point S-2 will be excavated to a depth of 2-feet deep. The impacted areas at sample point S-1 and S-5 will be excavated to a depth of 0.5-feet deep.
- All of the excavated material will be hauled to an NMOCD approved solid waste disposal facility.
- Upon approval by the NMOCD, the excavated areas on location will be backfilled with caliche and re-contoured to match the surrounding location.

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,

Millson

Kimberly M. Wilson

Project Manager

David J. Adkins

District Manager

Incident Description

The stuffing box blew out on the wellhead due to cold weather causing a release of 5 barrels of oil and 10 barrels of produced water. No fluids were recovered. All fluids remained on location. Talon mobilized personnel to conduct a site assessment and conduct soil sampling activities utilizing a hand auger within the impacted areas. The results of our soil sampling activities are summarized in the table below.

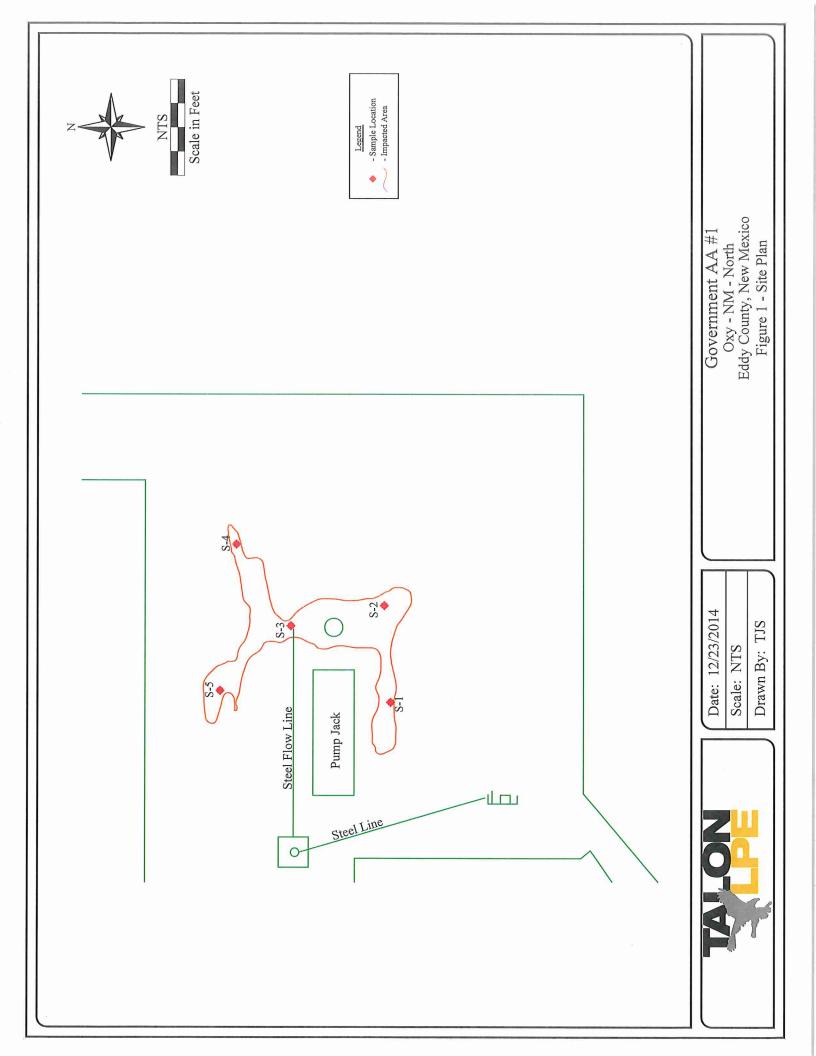
Laboratory Results

See Appendix III for complete report of laboratory results.

| Sample ID | Depth (feet) | BTEX (mg/kg) | Chlorides (mg/kg) | TPH (mg/kg) GRO | TPH (mg/kg) DRO |
|-----------|-----------------|-----------------|----------------------|--------------------|-----------------------|
| S-1 | 0' | 40.9 | 11200 | 474 | 3960 |
| Refusal | 0.5' | < 0.300 | 192 | <10 | 72.1 |
| S-2 | 0' | 7.42 | 8660 | 176 | 3960 |
| | 1' | < 0.300 | 1580 | 34.2 | 2310 |
| | 2' | < 0.300 | 880 | <10 | 313 |
| | 3' | < 0.300 | 1070 | <10 | <10 |
| | 4' | < 0.300 | 624 | <10 | 138 |
| S-3 | 0' | 9.28 | 17400 | 303 | 5020 |
| Refusal | 0.5' | 0.476 | 6160 | 23 | 2860 |
| S-4 | 0, | 55.4 | 14500 | 1260 | 5310 |
| Refusal | 1' | < 0.300 | 2280 | <10 | <10 |
| S-5 | 0' | 130 | 10100 | 2600 | 11600 |
| | 1' | < 0.300 | 336 | <10 | 15.5 |
| | 2' | < 0.300 | 608 | <10 | <10 |
| | 3' | < 0.300 | 384 | <10 | <10 |
| | 4' | < 0.300 | 272 | <10 | <10 |

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

APPENDIX I SITE MAP



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

Sub-

QQQ

Depth Depth Water Distance Well Water Column

POD Number CP 00525

Code basin County 64 16 4 Sec Tws Rng 3 2 1 14 20S 28E

579656 3604847*

1434

Average Depth to Water:

140 feet

Minimum Depth:

140 feet

Maximum Depth:

140 feet

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 579448

Northing (Y): 3603428

Radius: 3000

*UTM location was derived from PLSS - see Help

NM OIL CONSERVATION

ARTESIA DISTRICT

District 1
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

DEC 1 0 2014

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in RECEIVED dance with 19.15.29 NMAC.

| | | | Rele | ease Notific | ation | and Co | rrective A | ction | Ļ | | | |
|----------------|---------------------------------|-----------------|--------------|---|-----------------------|------------------------------|-----------------------------------|----------------|-------------------------|---|-----------------------|--------------------|
| MARIL | 1344 | 5536 | 2. | | | OPERAT | OR | | | al Report | | Final Report |
| Name of Co | ompany: O | XY ÚSA Li | mited Pa | rtnership 192 | | | | | | * | | |
| | | St. Carlsba | | 88220 | | | No.: 575-628-41 | 21 | | | | |
| Facility Na | me: Govern | ıment AA# | 1 | | I | Facility Typ | e: Well | | | *************************************** | | |
| Surface Ow | ner: Feder | al | | Mineral O | wner: | | | | API No | o.: 30-015-2 | 21286 | |
| | | | | LOCA | TION | OF REI | LEASE | | | | | |
| Unit Letter C | Section 23 | Township 20S | Range 28E | Feet from the 660' | North/S | South Line | Feet from the 1980' | East/V West | Vest Line | County Eddy | | |
| | | | I | atitude <u>32.564</u> | 15954 N | Longitude | -104.1504613 | W | | | | |
| | (*) | | | | | OF RELI | | | | | | |
| Type of Rele | ease: Mixed | Fluids on | PW | | | Volume of 10 bbls PV | Release: 5 bbls | Oil & | Volume I | Recovered: (|) bbls | |
| Source of Re | elease: Stuffi | ng Box | • | | | Date and H | lour of Occurrent | ce | Date and 11/18/20 | Hour of Dis | covery | |
| Was Immedi | iate Notice C | | | | | If YES, To | Whom? | | | | | |
| | | | Yes _ | No Not Re | equired | Mike Brat Jim Amo | cher & Heather s @ BLM | Patters | on @ NM | OCD | | |
| By Whom? I | | | | | | | lour: 11/18/2014 | | | | | |
| Was a Water | rcourse Reac | | Yes 🗵 | No | | If YES, Vo | lume Impacting | the Wate | ercourse. | | | |
| If a Waterco | urse was lini | nacted, Descri | be Fully. | k | | L | | | | | | |
| | | , | , | | | | | | | | | |
| | | | | | | | | | | | | |
| D " 0 | CD 11 | | P. L. L. | m t w mi | | | | | | | | |
| barrels of o | il and 10 ba | rrels of produ | dial Actio | n Taken.* The stu er. No fluids were | uffing bo e recove | ox blew out o red. Talon/ | on the wellhead LPE was contra | due to c | old weathe perform a | er causing a n initial site | release assessi | e of 5 ment and |
| soil samplin | | and Cleanup A | Action Tal | cen.* | ~ | | | | | | | |
| | | ound the well | | | | | | | | | | |
| I hereby cert | tify that the i | nformation gi | ven abovi | is true and comp | lete to th | ne best of my | knowledge and i | ındersta | nd that our | suant to NM | OCD 11 | ulce and |
| regulations a | all operators | are required to | o report ai | nd/or file certain r | elease no | otifications a | nd perform corre | ctive act | ions for rel | eases which | may en | ndanger |
| public health | h or the envir | onment. The | acceptan | ce of a C-141 repo | ort by the | e,NMOCD m | arked as "Final F | Report" o | loes not rel | ieve the ope | rator of | liability |
| or the enviro | operations in onincent. In a | ddition, NMC | CD accep | otance of a C-141 | report de | oes not reliev | e the operator of | respons | ibility for c | or, surface was | ater, nur with any | nan neam |
| federal, state | e, or local lay | vs and/or regu | lations. | | | | | | | | *** | |
| | 1 1 | | | | | | OIL CON | SERV | 'ATION | DIVISIO | <u>NC</u> | |
| Signature: | chr. | Para | | | | | | J. P. | 1/ / | | | |
| Printed Nam | ne: Chris Jon | ies | | | | Approved by | En SisaadaBy S | Specialis | (4 Bres | APPENCER_ | = | |
| Title: HES | Specialist | | - | | | Approval Da | te: 12/10 | 14 | Expiration | Date: N/ | A | |
| E-mail Addı | ress: Christo | pher.Jones@ | oxy.com | | | Conditions o | f Approval: | | | Attached | . [| |
| Date: 11/19 | 9/2014 | | Phone: | 575-628-4121 | 7 | emediatio | n per O.C.D | Rules | s & Guld | lelines | . [] | |
| * Attach Add | | ets If Necess | | | | | EMEDIATION | PRO | POSAL | AO — | 00 | |
| | | | | | 't | ATER THA | M: [[[] | 17_ | (| | LKF | P-2652 |

APPENDIX III LABORATORY RESULTS



December 02, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: GOVERNMENT AA #1

Enclosed are the results of analyses for samples received by the laboratory on 11/24/14 15:15.

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

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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



TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

11/24/2014

12/02/2014

Sampling Date:

11/21/2014

Reported:

Sampling Type:

Soil

Project Name:

GOVERNMENT AA #1

Sampling Condition:

Cool & Intact

Project Number:

70060838501

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY, NM

Sample ID: S-1 0' (H403618-01)

| BTEX 8021B | mg/ | mg/kg Analyzed By: CK | | | | | | | |
|--------------------------------------|--------|-----------------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.385 | 0.200 | 12/01/2014 | ND | 1.60 | 80.0 | 2.00 | 13.3 | |
| Toluene* | 7.02 | 0.200 | 12/01/2014 | ND | 1.61 | 80.7 | 2.00 | 12.3 | |
| Ethylbenzene* | 2.24 | 0.200 | 12/01/2014 | ND | 1.58 | 79.0 | 2.00 | 13.8 | |
| Total Xylenes* | 31.2 | 0.600 | 12/01/2014 | ND | 4.75 | 79.2 | 6.00 | 14.1 | |
| Total BTEX | 40.9 | 1.20 | 12/01/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 110 % | 61-154 | 6 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 11200 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: ms | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 474 | 10.0 | 11/26/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | 3960 | 10.0 | 11/26/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 161 9 | % 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 190 9 | 6 52.1-17 | 6 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received: Reported: 11/24/2014

12/02/2014

GOVERNMENT AA #1

Project Name: Project Number:

Project Location:

70060838501 EDDY COUNTY, NM Sampling Date:

11/21/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-1 .5 (R) REFUSAL (H403618-02)

| BTEX 8021B | mg/ | kg | Analyzed By: CK | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/01/2014 | ND | 1.60 | 0.08 | 2.00 | 13.3 | |
| Toluene* | <0.050 | 0.050 | 12/01/2014 | ND | 1.61 | 80.7 | 2.00 | 12.3 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/01/2014 | ND | 1.58 | 79.0 | 2.00 | 13.8 | |
| Total Xylenes* | <0.150 | 0.150 | 12/01/2014 | ND | 4.75 | 79.2 | 6.00 | 14.1 | |
| Total BTEX | <0.300 | 0.300 | 12/01/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 102 % | 61-154 | | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 11/26/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | 72.1 | 10.0 | 11/26/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 116% | 6 47.2-15 | 7 | | | = | | | |
| Surrogate: 1-Chlorooctadecane | 135 % | 6 52.1-17 | 6 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keene



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

Received:

DTEV 0021D

11/24/2014

Reported:

12/02/2014

Project Name:

GOVERNMENT AA #1

Project Number:

70060838501

Project Location:

EDDY COUNTY, NM

Sampling Date:

11/21/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-2 0' (H403618-03)

| BTEX 8021B | mg/kg | | Analyzed By: CK | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|-------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.111 | 0.100 | 12/01/2014 | ND | 1.60 | 80.0 | 2.00 | 13.3 | |
| Toluene* | 0.746 | 0.100 | 12/01/2014 | ND | 1.61 | 80.7 | 2.00 | 12.3 | |
| Ethylbenzene* | 0.373 | 0.100 | 12/01/2014 | ND | 1.58 | 79.0 | 2.00 | 13.8 | |
| Total Xylenes* | 6.19 | 0.300 | 12/01/2014 | ND | 4.75 | 79.2 | 6.00 | 14.1 | |
| Total BTEX | 7.42 | 0.600 | 12/01/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 106 9 | % 61-154 | | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 8660 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: ms | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 176 | 10.0 | 11/26/2014 | ND | . 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | 3960 | 10.0 | 11/26/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 141 9 | % 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 190 | % 52.1-17 | 6 | | | | | | |

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*=Accredited Analyte

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Celey D. Keene



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

Received:

11/24/2014

12/02/2014

Reported: Project Name:

GOVERNMENT AA #1

Project Number:

70060838501

Project Location:

EDDY COUNTY, NM

Sampling Date:

11/21/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-2 1' (H403618-04)

| BTEX 8021B | ng/kg Analyzed By: CK | | | | | | | | |
|--------------------------------------|-----------------------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/01/2014 | ND | 1.60 | 80.0 | 2.00 | 13.3 | |
| Toluene* | <0.050 | 0.050 | 12/01/2014 | ND | 1.61 | 80.7 | 2.00 | 12.3 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/01/2014 | ND | 1.58 | 79.0 | 2.00 | 13.8 | |
| Total Xylenes* | <0.150 | 0.150 | 12/01/2014 | ND | 4.75 | 79.2 | 6.00 | 14.1 | |
| Total BTEX | <0.300 | 0.300 | 12/01/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 99.3 9 | 61-154 | | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1580 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: ms | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 34.2 | 10.0 | 11/26/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | 2310 | 10.0 | 11/26/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 109 9 | 6 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 183 % | 6 52.1-170 | 6 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celley D. Keene



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

Received:

11/24/2014

Sampling Date:

11/21/2014

Reported:

12/02/2014

Sampling Type:

Soil

Project Name:

GOVERNMENT AA #1

Sampling Condition:

Cool & Intact

Project Number:

70060838501

Project Location:

EDDY COUNTY, NM

Sample Received By:

Jodi Henson

Sample ID: S-2 2' (H403618-05)

| TEX 8021B mg/kg | | kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/01/2014 | ND | 1.60 | 80.0 | 2.00 | 13.3 | |
| Toluene* | <0.050 | 0.050 | 12/01/2014 | ND | 1.61 | 80.7 | 2.00 | 12.3 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/01/2014 | ND | 1.58 | 79.0 | 2.00 | 13.8 | |
| Total Xylenes* | <0.150 | 0.150 | 12/01/2014 | ND | 4.75 | 79.2 | 6.00 | 14.1 | |
| Total BTEX | <0.300 | 0.300 | 12/01/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 96.9 9 | % 61-154 | | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 880 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 11/26/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | 313 | 10.0 | 11/26/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 113 % | 6 47.2-157 | _ | | | | | | |
| Surrogate: 1-Chlorooctadecane | 142 % | 6 52.1-176 | i | | | | | | |

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Celeg & Kreene



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

Received:

11/24/2014

Reported:

Sampling Date:

11/21/2014

12/02/2014

Sampling Type:

Soil

Project Name:

GOVERNMENT AA #1

Sampling Condition:

Cool & Intact

Project Number:

70060838501

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY, NM

Sample ID: S-2 3' (H403618-06)

| BTEX 8021B | mg/ | mg/kg Analyzed By: CK | | | | | | | |
|--------------------------------------|--------|-----------------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.65 | 82.7 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 81.8 | 2.00 | 10.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 82.1 | 2.00 | 9.64 | |
| Total Xylenes* | <0.150 | 0.150 | 12/02/2014 | ND | 5.00 | 83.4 | 6.00 | 10.1 | |
| Total BTEX | <0.300 | 0.300 | 12/02/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 100 % | % 61-154 | | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1070 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 11/27/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | <10.0 | 10.0 | 11/27/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 107 9 | % 47.2-157 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 121 9 | 52.1-170 | 5 | | | | | | |

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

Received: Reported: 11/24/2014

12/02/2014

Project Name:

GOVERNMENT AA #1

Project Number:

70060838501

Project Location:

EDDY COUNTY, NM

Sampling Date:

11/21/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-2 4' (H403618-07)

| BTEX 8021B | mg/l | kg | Analyzed By: CK | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.65 | 82.7 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 81.8 | 2.00 | 10.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 82.1 | 2.00 | 9.64 | |
| Total Xylenes* | <0.150 | 0.150 | 12/02/2014 | ND | 5.00 | 83.4 | 6.00 | 10.1 | |
| Total BTEX | <0.300 | 0.300 | 12/02/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 99.69 | 61-154 | | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 624 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 11/26/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | 138 | 10.0 | 11/26/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 109 % | 6 47.2-15 | 7 | | | | | | |
| | | | | | | | | | |

52.1-176

127%

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Surrogate: 1-Chlorooctadecane

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Fax To:

(575) 745-8905

Received:

11/24/2014

Sampling Date:

11/21/2014

Reported:

12/02/2014

Sampling Type:

Soil

Project Name:

GOVERNMENT AA #1

Sampling Condition:

Cool & Intact

Project Number:

70060838501

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY, NM

Sample ID: S-3 0' (H403618-08)

| BTEX 8021B | mg/kg Analyzed By: CK | | | d By: CK | | | | | |
|--------------------------------------|-----------------------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.200 | 0.200 | 12/02/2014 | ND | 1.65 | 82.7 | 2.00 | 10.4 | |
| Toluene* | 0.854 | 0.200 | 12/02/2014 | ND | 1.64 | 81.8 | 2.00 | 10.1 | |
| Ethylbenzene* | 0.472 | 0.200 | 12/02/2014 | ND | 1.64 | 82.1 | 2.00 | 9.64 | |
| Total Xylenes* | 7.95 | 0.600 | 12/02/2014 | ND | 5.00 | 83.4 | 6.00 | 10.1 | |
| Total BTEX | 9.28 | 1.20 | 12/02/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 104 % | 61-154 | ! | | | | , | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 17400 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: ms | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 303 | 10.0 | 11/27/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | 5020 | 10.0 | 11/27/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 168 % | 6 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 203 9 | 6 52.1-17 | 6 | | | | | | |

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

Received: Reported: 11/24/2014

12/02/2014

Project Name: Project Number: **GOVERNMENT AA #1**

Project Location:

70060838501 EDDY COUNTY, NM Sampling Date:

11/21/2014

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: S-3 .5' (R) REFUSAL (H403618-09)

| BTEX 8021B | mg/kg Analyzed By: CK | | | | | | | | |
|--------------------------------------|-----------------------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.65 | 82.7 | 2.00 | 10.4 | |
| Toluene* | 0.066 | 0.050 | 12/02/2014 | ND | 1.64 | 81.8 | 2.00 | 10.1 | |
| Ethylbenzene* | 0.113 | 0.050 | 12/02/2014 | ND | 1.64 | 82.1 | 2.00 | 9.64 | |
| Total Xylenes* | 0.298 | 0.150 | 12/02/2014 | ND | 5.00 | 83.4 | 6.00 | 10.1 | |
| Total BTEX | 0.476 | 0.300 | 12/02/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 103 % | 61-154 | | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 6160 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: ms | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 23.0 | 10.0 | 11/26/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | 2860 | 10.0 | 11/26/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | | | 7 | | | | | | |
| | 128 9 | 6 47.2-15 | / | | | | | | |

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received: Reported: 11/24/2014

12/02/2014

Project Name:

GOVERNMENT AA #1

Project Number:

70060838501

Project Location:

EDDY COUNTY, NM

Sampling Date:

11/21/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-4 0' (H403618-10)

| BTEX 8021B | mg/ | kg | Analyzed By: CK | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <1.00 | 1.00 | 12/02/2014 | ND | 1.65 | 82.7 | 2.00 | 10.4 | |
| Toluene* | 10.2 | 1.00 | 12/02/2014 | ND | 1.64 | 81.8 | 2.00 | 10.1 | |
| Ethylbenzene* | 2.93 | 1.00 | 12/02/2014 | ND | 1.64 | 82.1 | 2.00 | 9.64 | |
| Total Xylenes* | 42.3 | 3.00 | 12/02/2014 | ND | 5.00 | 83.4 | 6.00 | 10.1 | |
| Total BTEX | 55.4 | 6.00 | 12/02/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 104 % | % 61-154 | | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 14500 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: ms | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 1260 | 10.0 | 11/26/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | 5310 | 10.0 | 11/26/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 205 9 | % 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 202 9 | % 52.1-17 | 6 | | | | | | |

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Fax To:

(575) 745-8905

Received:

11/24/2014

Sampling Date:

11/21/2014

Reported:

12/02/2014

Sampling Type:

Soil

Project Name:

GOVERNMENT AA #1

Sampling Condition:

Cool & Intact

Project Number:

70060838501

Project Location:

EDDY COUNTY, NM

Sample Received By:

Jodi Henson

Sample ID: S-4 1'(R) REFUSAL (H403618-11)

| BTEX 8021B | mg/ | kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.65 | 82.7 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 81.8 | 2.00 | 10.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 82.1 | 2.00 | 9.64 | |
| Total Xylenes* | <0.150 | 0.150 | 12/02/2014 | ND | 5.00 | 83.4 | 6.00 | 10.1 | |
| Total BTEX | <0.300 | 0.300 | 12/02/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 103 % | 61-154 | | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2280 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| 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 | 11/27/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | <10.0 | 10.0 | 11/27/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 121 9 | 6 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 138 9 | 6 52.1-17 | 6 | | | | | | |

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Fax To:

(575) 745-8905

Analyzed By CV

Received: Reported:

RTEV 9021R

11/24/2014

12/02/2014

Project Name:

GOVERNMENT AA #1

Project Number: Project Location: 70060838501 EDDY COUNTY, NM

mallea

Sampling Date:

11/21/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-5 0' (H403618-12)

| BTEX 8021B | mg/kg | | Analyzed By: CK | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------------------------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <2.00 | 2.00 | 12/02/2014 | ND | 1.65 | 82.7 | 2.00 | 10.4 | |
| Toluene* | 20.5 | 2.00 | 12/02/2014 | ND | 1.64 | 81.8 | 2.00 | 10.1 | |
| Ethylbenzene* | 6.96 | 2.00 | 12/02/2014 | ND | 1.64 | 82.1 | 2.00 | 9.64 | |
| Total Xylenes* | 102 | 6.00 | 12/02/2014 | ND | 5.00 | 83.4 | 6.00 | 10.1 | |
| Total BTEX | 130 | 12.0 | 12/02/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 104 9 | % 61-154 | | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 10100 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| 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 | 2600 | 10.0 | 11/26/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | 11600 | 10.0 | 11/26/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 312 9 | % 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 281 | % 52.1-17 | 6 | | | | | | |

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Received:

11/24/2014

Sampling Date:

11/21/2014

Reported:

12/02/2014

Sampling Type:

Soil

Project Name:

GOVERNMENT AA #1

Sampling Condition:

Cool & Intact

Project Number:

70060838501

Project Location:

EDDY COUNTY, NM

Sample Received By:

Jodi Henson

Sample ID: S-5 1' (H403618-13)

| BTEX 8021B | mg/ | kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.65 | 82.7 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 81.8 | 2.00 | 10.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 82.1 | 2.00 | 9.64 | |
| Total Xylenes* | <0.150 | 0.150 | 12/02/2014 | ND | 5.00 | 83.4 | 6.00 | 10.1 | |
| Total BTEX | <0.300 | 0.300 | 12/02/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | % 61-154 | | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 11/26/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | 15.5 | 10.0 | 11/26/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 121 | % 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 134 | % 52.1-17 | 6 | | | | | | |

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*=Accredited Analyte

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Celeg & Kreene



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

11/24/2014

Reported: 12/02/2014

Project Name: **GOVERNMENT AA #1**

Project Number: 70060838501 Project Location:

EDDY COUNTY, NM

Sampling Date:

11/21/2014

Sampling Type: Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: S-5 2' (H403618-14)

Received:

| BTEX 8021B | mg/ | kg | Analyzed By: CK | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.65 | 82.7 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 81.8 | 2.00 | 10.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 82.1 | 2.00 | 9.64 | |
| Total Xylenes* | <0.150 | 0.150 | 12/02/2014 | ND | 5.00 | 83.4 | 6.00 | 10.1 | |
| Total BTEX | <0.300 | 0.300 | 12/02/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 100 % | 61-154 | | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 608 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| 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 | 11/26/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | <10.0 | 10.0 | 11/26/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 120 % | 6 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 131 % | 6 52.1-176 | 6 | | | | | | |

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:

11/24/2014

Reported:

12/02/2014

Project Name:

GOVERNMENT AA #1

Project Number:

70060838501

Project Location:

EDDY COUNTY, NM

Sampling Date:

Soil

Sampling Type: Sampling Condition:

Sample Received By:

Cool & Intact

11/21/2014

Jodi Henson

Sample ID: S-5 3' (H403618-15)

| BTEX 8021B | mg/ | kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.65 | 82.7 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 81.8 | 2.00 | 10.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 82.1 | 2.00 | 9.64 | |
| Total Xylenes* | <0.150 | 0.150 | 12/02/2014 | ND | 5.00 | 83.4 | 6.00 | 10.1 | |
| Total BTEX | <0.300 | 0.300 | 12/02/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | 6 61-154 | | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 384 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| 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 | 11/26/2014 | ND | 197 | 98.5 | 200 | 2.78 | |
| DRO >C10-C28 | <10.0 | 10.0 | 11/26/2014 | ND | 208 | 104 | 200 | 0.274 | |
| Surrogate: 1-Chlorooctane | 124 % | 6 47.2-157 | 7 | | | | | | 1700 |
| Surrogate: 1-Chlorooctadecane | 140 % | 6 52.1-170 | 5 | | | | | | |

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*=Accredited Analyte

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Celeg & Keine



TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

DTEV 0031D

11/24/2014

Reported:

12/02/2014

Project Name:

GOVERNMENT AA #1

Project Number: Project Location: 70060838501 EDDY COUNTY, NM Sampling Date:

11/21/2014

Sampling Type:

Sampling Condition:

Soil

Sample Received By:

Cool & Intact Jodi Henson

rojest zosatiom

| Sample ID: S-5 4' (H | I403618-16) |
|----------------------|-------------|
|----------------------|-------------|

| BTEX 8021B | mg/kg | | Analyzed By: CK | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.65 | 82.7 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 81.8 | 2.00 | 10.1 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/02/2014 | ND | 1.64 | 82.1 | 2.00 | 9.64 | |
| Total Xylenes* | <0.150 | 0.150 | 12/02/2014 | ND | 5.00 | 83.4 | 6.00 | 10.1 | |
| Total BTEX | <0.300 | 0.300 | 12/02/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 99.49 | % 61-154 | | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 272 | 16.0 | 11/25/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 11/25/2014 | ND | 197 | 98.7 | 200 | 0.107 | |
| DRO >C10-C28 | <10.0 | 10.0 | 11/25/2014 | ND | 198 | 99.1 | 200 | 1.15 | |
| Surrogate: 1-Chlorooctane | 126 % | 6 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 143 % | 6 52.1-176 | 6 | | | | | | |

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Celey D. Keine



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey & Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| 101 East Marland, Hobbs, NM 88240 | (575) 393-2326 FAX (575) 393-2476 | lame: Talon/LPE |
|-----------------------------------|-----------------------------------|-----------------|

| | (575) 393-2326 FAX (575) 393-2476 | | | | ANIAL VOIC DECLIECT |
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| Project Manager: | er: (Jalla) as | | P.O. #: CP 56152516 | | |
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| City: Artosia | State: NM | Zip: 88210 | Atta Chis Cornes | , | |
| Phone #: 575 | -746-8768 F | 46-8905 | Address P. 1128469 | S | |
| Project #: 74 | 105 | OSM | 品 たべるちによる8 | <i>3</i> ° | |
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| analyses. All claims incl service. In no event shall | anayesa, Ali Cainta including trose for hegingence and any outsing consequental damages, including without limitation, business intemptions, loss of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business intermitation, business and the above stated reasons or otherwise. | without limitation, business interruption | ultation, businees interruptions, loss of use, or loss of profits incurred by client, its subsidiarie and less of whether such claim is based upon any of the above stated reasons or otherwise. | | |
| affiliates or successors a | artillates or successors arising out of or related to the performance of services hereunder by Cardinal, re- | by Cardinal, regardless of wrether such that | Phone Result: | tesult: | Add'l Phone #: |

5.26 Time: Delivered By: (Circle One)

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 Sampler - UPS - Bus - Other:



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Received Received | Received By: Received By: Repeived By: Remarks: Sample Condition CHECKED BY: Cool Juract No N |
|---|--|
| Time: Received By: Time: Sample Condition CHECKED BY: Cool Intact (Initial) | Circle One) Cool Infact Infact |
| | - Bus - Other: |