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By OCD; Dr. Oberding at 10:23 am, Mar 31, 2015

Sharp Oilfield Services Waste Oil Cleanup Closure Report Section 4, T23S, R37E Lea County, New Mexico RP-3483

March 26, 2015



Prepared for:

Sharp Oilfield Services 211 West Main Gainesville, Texas 76241

By:

Safety & Environmental Solutions, Inc. 703 East Clinton Street Hobbs, New Mexico 88240 (575) 397-0510

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I. Company Contacts

| Representative | Company | Telephone | E-mail | | | |
|-------------------|-------------------------|--------------|---------------------------------------|--|--|--|
| Taylor Allbritton | Sharp Oilfield Services | 940-312-3858 | tallbritton@sharpoilfieldservices.com | | | |
| Bob Allen | SESI | 575-397-0510 | ballen@sesi-nm.com | | | |

II. Background

Safety and Environmental Solutions, Inc. (SESI) was engaged by Sharp Oilfield Services to perform site assessment of a release area located in Section 4 of Township 23 South, Range 37 East, Lea County, New Mexico.

According to the C-141 the cause of release was truck turnover.

III. Surface and Ground Water

The nearest groundwater of record is approximately 1.0 mile south of the site. The New Mexico Office of State Engineer record is in Section 9 Range 37 East and Township 23 South. The reported depth was 100 feet below ground surface (BGS).

IV. Characterization

The target cleanup levels are determined using the *Guidelines for Remediation of Leaks, Spills and Releases* published by the NMOCD (August 13, 1993). Based on the ranking criteria presented below, the applicable Recommended Remediation Action Levels (RRAL) are 10 parts per million (ppm) Benzene, 50 ppm combined benzene, toluene, ethylbenzene, and total xylenes (BTEX), and 5,000 ppm Total Petroleum Hydrocarbons (TPH).

| Depth to Ground Water: | | | |
|---|-----------------------|-----------|---|
| (Vertical distance from contaminants to | Less than 50 feet | 20 points | |
| seasonal high water elevation of | 50 feet to 99 feet | 10 points | |
| groundwater) | >100 feet | 0 points | X |
| Wellhead Protection Area: | | | |
| (Less than 200 feet from a private domestic | Yes | 20 points | |
| water source; or less than 1000 feet from all | No | 0 points | X |
| other water sources) | | | |
| Distance to Surface Water: | | | |
| (Horizontal distance to perennial lakes, | Less than 200 feet | 20 points | |
| ponds, rivers, streams, creeks, irrigation | 200 feet to 1000 feet | 10 points | |
| canals and ditches) | >1000 feet | 0 points | X |
| RANKING SCORE (TOTAL POINTS) | | | 0 |

V. Work Performed

On December 29, 2014, Safety & Environmental Solutions, Inc. was onsite to determine vertical extent of impact. Samples AH-1 and AH-2 was taken at a depth of 1.5', Sample AH-3 was taken at a depth of 2' and sample AH-4 was taken at a depth of 1'. All samples were properly packaged, preserved and transported to a commercial Laboratory, Hobbs New Mexico and analyzed for Benzene, Toluene, Ethylbenzene,

Xylenes, Total BTEX and Chloride (Cl⁻) (Method SM4500Cl-B). The results of the analysis are presented in the table below:

| Sample Date 12/29/2014 | Sample ID | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylenes (mg/kg) | Total BTEX |
|------------------------|------------|--------------------|--------------------|----------------------|--------------------|---------------|
| Depth | Method | | | | | |
| AH-1 at 1.5' | BTEX 8021B | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 |
| AH-2 at 1.5' | BTEX 8021B | < 0.050 | < 0.050 | < 0.050 | < 0.150 | < 0.300 |
| AH-3 at 2' | BTEX 8021B | < 0.050 | < 0.050 | < 0.050 | < 0.150 | < 0.300 |
| AH-4 at 1' | BTEX 8021B | < 0.050 | < 0.050 | < 0.050 | < 0.150 | < 0.300 |

| Sample Date 05/03/2014 | Sample ID | GRO (C ₆ -C₁₀) (mg/kg) | DRO (>C ₁₀ -C ₂₈) (mg/kg) | EXT DRO (>C ₂₈ -C ₃₅) (mg/kg) |
|------------------------|-----------|---|--|--|
| Depth | Method | | | |
| AH-1 at 1.5' | TPH 8015M | <10.0 | <10.0 | <10.0 |
| AH-2 at 1.5' | TPH 8015M | <10.0 | 380 | 120 |
| AH-3 at 2' | TPH 8015M | <10.0 | 52 | <10.0 |
| AH-4 at 1' | TPH 8015M | <10.0 | <10.0 | <10.0 |

| Sample Date 02/25/2015 | Sample ID | Sample ID Total BTEX | Sample ID | GRO (C ₆ -C ₁₀) (mg/kg) | DRO (>C ₁₀ -C ₂₈) (mg/kg) |
|------------------------|------------|----------------------------|-----------|--|--|
| Depth | Method | | Method | | |
| SP-1 Bottom | BTEX 8021B | < 0.300 | TPH 8015M | <10.0 | <10.0 |
| SP-2 Bottom | BTEX 8021B | < 0.300 | TPH 8015M | <10.0 | <10.0 |
| SP-3 Bottom | BTEX 8021B | < 0.300 | TPH 8015M | <10.0 | <10.0 |
| SP-4 Bottom | BTEX 8021B | < 0.300 | TPH 8015M | <10.0 | <10.0 |
| SP-5 West Wall | BTEX 8021B | < 0.300 | TPH 8015M | <10.0 | <10.0 |
| SP-6 West Wall | BTEX 8021B | < 0.300 | TPH 8015M | <10.0 | <10.0 |
| SP-7 East Wall | BTEX 8021B | < 0.300 | TPH 8015M | <10.0 | <10.0 |
| SP-8 East Wall | BTEX 8021B | <0.300 | TPH 8015M | <10.0 | <10.00 |

VI. Closure

The entire impacted area was excavated to a depth of 2' bgs. And all contaminated soil was removed and transported to the Gandy Marley, an NMOCD approved facility. On February 25, 2015 Safety and Environmental Solutions, Inc. personnel were on site following remediation activities to retrieve representative soil samples of the bottom excavation floor, as well as vertical side wall samples. These were sent to a commercial laboratory in Hobbs, NM for analyses. The results returned were within NMOCD guidelines; therefore the excavation was backfilled and returned to grade. No further remediation is required.

Safety and Environmental Solutions, Inc. respectfully requests closure of the regulatory file for this site.

Figures & Appendices VII.

Figure 1 – Vicinity Map Figure 2 – Site Plan

Figure 3 – NMOCD Trend Map

Appendix A – Analytical Results Appendix B – C-141

Figure 1 Vicinity Map

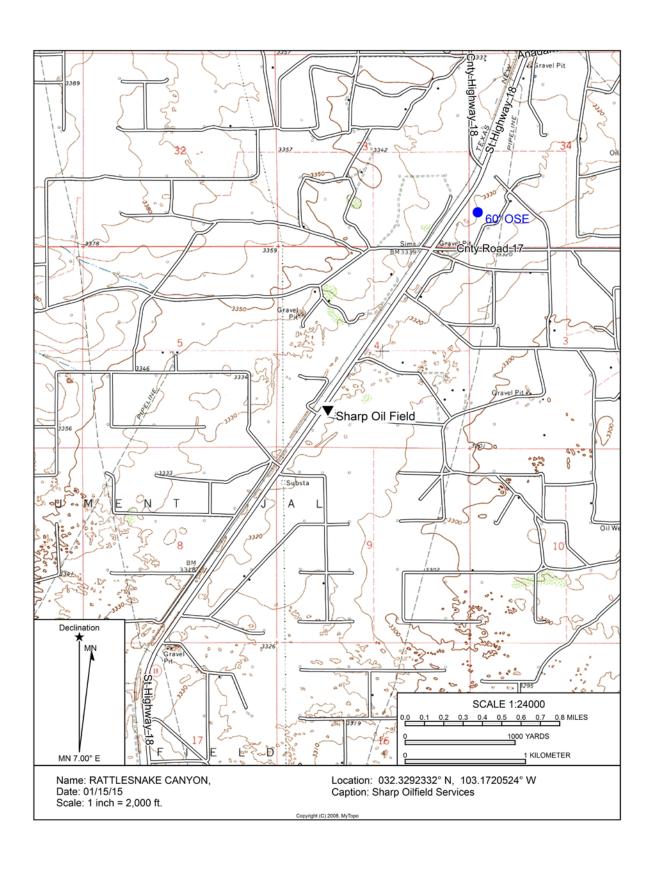


Figure 2 Site Plan



Sharp Oilfield Services

Appendix A Analytical Results



January 05, 2015

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: SHARP WASTE OIL CLEAN-UP

Enclosed are the results of analyses for samples received by the laboratory on 12/29/14 14:30.

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

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

Page 1 of 7



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

Analytical Results For:

Safety & Environmental Solutions Bob Allen 703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

 Received:
 12/29/2014

 Reported:
 01/05/2015

 Project Name:
 SHARP WASTE OIL CLEAN-UP

 Project Number:
 SHA-14-001

Sampling Type: Soil Sampling Condition: Cool Sample Received By: Jodi

Sampling Date:

Cool & Intact Jodi Henson

12/29/2014

Project Location: LEA COUNTY, NM

Sample ID: AH-1 1.5' BGS (H403935-01)

| 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 | 12/30/2014 | ND | 1.83 | 91.3 | 2.00 | 6.81 | |
| Toluene* | <0.050 | 0.050 | 12/30/2014 | ND | 1.83 | 91.5 | 2.00 | 5.49 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/30/2014 | ND | 1.75 | 87.3 | 2.00 | 4.81 | |
| Total Xylenes* | <0.150 | 0.150 | 12/30/2014 | ND | 5.27 | 87.9 | 6.00 | 5.31 | |
| Total BTEX | <0.300 | 0.300 | 12/30/2014 | ND | | | | | |

| 97.2 | % 66.2-14. | 2 | | | | | | |
|--------|--------------------|--|---|--|---|--|--|--|
| mg/kg | | Analyze | Analyzed By: MS | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <10.0 | 10.0 | 12/30/2014 | ND | 180 | 90.0 | 200 | 2.63 | |
| <10.0 | 10.0 | 12/30/2014 | ND | 186 | 93.0 | 200 | 9.74 | |
| <10.0 | 10.0 | 12/30/2014 | ND | | | | | |
| | Result <10.0 <10.0 | mg/kg Result Reporting Limit <10.0 | mg/kg Analyze Result Reporting Limit Analyzed <10.0 | mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0 | mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0 | mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank B5 % Recovery <10.0 | mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0 | mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0 |

 Surrogate: 1-Chlorooctane
 89.8 %
 47.2-157

 Surrogate: 1-Chlorooctadecane
 85.8 %
 52.1-176

Cardinal Laboratories *=Accredited Analyte

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Celegy T. Freena

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 7





Safety & Environmental Solutions Bob Allen 703 East Clinton Hobbs NM, 88240 Fax To: (575) 393-4388

 Received:
 12/29/2014
 Sampling Date:
 12/29/2014

 Reported:
 01/05/2015
 Sampling Type:
 Soil

 Project Name:
 SHARP WASTE OIL CLEAN-UP
 Sampling Condition:
 Cool & Intact

 Project Number:
 SHA-14-001
 Sample Received By:
 Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: AH-2 1.5' BGS (H403935-02)

| BTEX 8021B | mg/kg | | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Benzene* | <0.050 | 0.050 | 12/30/2014 | ND | 1.83 | 91.3 | 2.00 | 6.81 | |
| Toluene* | <0.050 | 0.050 | 12/30/2014 | ND | 1.83 | 91.5 | 2.00 | 5.49 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/30/2014 | ND | 1.75 | 87.3 | 2.00 | 4.81 | |
| Total Xylenes* | <0.150 | 0.150 | 12/30/2014 | ND | 5.27 | 87.9 | 6.00 | 5.31 | |
| Total BTEX | <0.300 | 0.300 | 12/30/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 96.7 | % 66.2-14 | 2 | | | | | | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| GRO C6-C10 | <10.0 | 10.0 | 12/30/2014 | ND | 180 | 90.0 | 200 | 2.63 | |
| DRO >C10-C28 | 380 | 10.0 | 12/30/2014 | ND | 186 | 93.0 | 200 | 9.74 | |
| EXT DRO >C28-C35 | 120 | 10.0 | 12/30/2014 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.2 | % 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.0 | % 52.1-17 | ő. | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celecy D. Keena

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 7



PHONE (575) 393-2326 $^{\circ}$ 101 E. MARLAND $^{\circ}$ HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions Bob Allen 703 East Clinton Hobbs NM, 88240 Fax To: (575) 393-4388

 Received:
 12/29/2014

 Reported:
 01/05/2015

 Project Name:
 SHARP WASTE OIL CLEAN-UP

Project Number: SHA-14-001
Project Location: LEA COUNTY, NM

Sampling Date: 12/29/2014 Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: AH-3 2' BGS (H403935-03)

| 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 | 12/30/2014 | ND | 1.83 | 91.3 | 2.00 | 6.81 | |
| Toluene* | <0.050 | 0.050 | 12/30/2014 | ND | 1.83 | 91.5 | 2.00 | 5.49 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/30/2014 | ND | 1.75 | 87.3 | 2.00 | 4.81 | |
| Total Xylenes* | <0.150 | 0.150 | 12/30/2014 | ND | 5.27 | 87.9 | 6.00 | 5.31 | |
| Total BTEX | <0.300 | 0.300 | 12/30/2014 | ND | | | | | |

| Surrogate: 4-Bromofluorobenzene (PID | 97.3 | % 66.2-14. | 2 | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|
| 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 | 12/30/2014 | ND | 197 | 98.5 | 200 | 1.82 | |
| DRO >C10-C28 | 52.8 | 10.0 | 12/30/2014 | ND | 231 | 115 | 200 | 0.909 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 12/30/2014 | ND | | | | | |

 Surrogate: 1-Chlorooctane
 85.7 %
 47.2-157

 Surrogate: 1-Chlorooctadecane
 84.9 %
 52.1-176

Cardinal Laboratories *=Accredited Analyte

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Celeog D. Freena

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 7



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

12/29/2014

Cool & Intact

Jodi Henson

Soil

Analytical Results For:

Safety & Environmental Solutions Bob Allen 703 East Clinton Hobbs NM, 88240 Fax To: (575) 393-4388

12/29/2014 Sampling Date: Received: Reported: 01/05/2015 Sampling Type: SHARP WASTE OIL CLEAN-UP Sampling Condition: Project Name: Project Number: SHA-14-001 Sample Received By:

Project Location: LEA COUNTY, NM

| BTEX 8021B | mg/kg | | Analyze | Analyzed By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/30/2014 | ND | 1.83 | 91.3 | 2.00 | 6.81 | |
| Toluene* | <0.050 | 0.050 | 12/30/2014 | ND | 1.83 | 91.5 | 2.00 | 5.49 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/30/2014 | ND | 1.75 | 87.3 | 2.00 | 4.81 | |
| Total Xylenes* | <0.150 | 0.150 | 12/30/2014 | ND | 5.27 | 87.9 | 6.00 | 5.31 | |
| Total BTEX | <0.300 | 0.300 | 12/30/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.9 | % 66.2-14 | 12 | | | | | | |
| 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 | 12/30/2014 | ND | 197 | 98.5 | 200 | 1.82 | |
| DRO >C10-C28 | <10.0 | 10.0 | 12/30/2014 | ND | 231 | 115 | 200 | 0.909 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 12/30/2014 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.3 | % 47.2-15 | 7 | | | | | | |
| | | | | | | | | | |

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Celecy D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

| ND | Analyte NOT DETECTED at or above the reporting limit |
|----|--|
| | |

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C
 Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 6 of 7

Sampler Name: FROM roject #: 5HA-(4-00) Project Owner: 5HA-Q OI Project O ddress: roject Manager: Boh Allen ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 993-2226 Fax (505) 993-2476 ompany Name: Safety & Environmental Solutions, Inc. Lab I.D. oject Location: Sampler - UPS - Bus - Other: Delivered By: (Circle One) † Cardinal cannot accept verbal changes. Please fax written changes to 575,993 476 Hobbs 703 East Clinton Lez Courty Sample I.D. 2025 JUNIO State; NM Zip: 88240 1430 5.4% COMP # CONTAINERS GROUNDWATER WASTEWATER Cool Intact Pyes Pyes No No SLUDGE Henroy Address: Attn: OTHER: Company: ased upon any of the above stated ACID/BASE SS KICE/COOL BILL TO Same 12/29 1130 Zip: (2/29 12/29 1040 SAMPLING CHAIN-OF-CUSTODY AND ANALYSIS REQUEST Phone Result: Fax Result: REMARKS: (220 TIME (8015) □ No Add'I Fax#: ANALYSIS REQUEST Page_ nduding atomey's fees. Page 7 of 7



March 24, 2015

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: WASTE OIL CLEANUP

Enclosed are the results of analyses for samples received by the laboratory on 02/25/15 15:30.

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

Celey D. Keine

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



Safety & Environmental Solutions Bob Allen 703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 02/25/2015 Sampling Date: 02/25/2015

Reported: 03/24/2015 Sampling Type: Soil

Project Name: WASTE OIL CLEANUP Sampling Condition: Cool & Intact
Project Number: SHA-14-001 Sample Received By: Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP-1 BOTTOM (H500538-01)

| BTEX 8021B | mg/kg | | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2015 | ND | 1.96 | 98.1 | 2.00 | 2.69 | |
| Toluene* | <0.050 | 0.050 | 02/28/2015 | ND | 1.79 | 89.3 | 2.00 | 2.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2015 | ND | 2.05 | 103 | 2.00 | 2.86 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2015 | ND | 5.52 | 92.0 | 6.00 | 3.40 | |
| Total BTEX | <0.300 | 0.300 | 02/28/2015 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 % | 61-154 | ! | | | | | | |
| 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 | 02/27/2015 | ND | 208 | 104 | 200 | 0.0756 | |
| DRO >C10-C28 | <10.0 | 10.0 | 02/27/2015 | ND | 191 | 95.7 | 200 | 2.78 | |
| Surrogate: 1-Chlorooctane | 79.6 | % 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.0 | % 52.1-17 | 6 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Safety & Environmental Solutions Bob Allen

703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 02/25/2015 Sampling Date: 02/25/2015

Reported: 03/24/2015 Sampling Type: Soil

Project Name: WASTE OIL CLEANUP Sampling Condition: Cool & Intact
Project Number: SHA-14-001 Sample Received By: Jodi Henson

Sample ID: SP-2 BOTTOM (H500538-02)

LEA COUNTY, NM

Project Location:

| BTEX 8021B | mg/kg | | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2015 | ND | 1.96 | 98.1 | 2.00 | 2.69 | |
| Toluene* | <0.050 | 0.050 | 02/28/2015 | ND | 1.79 | 89.3 | 2.00 | 2.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2015 | ND | 2.05 | 103 | 2.00 | 2.86 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2015 | ND | 5.52 | 92.0 | 6.00 | 3.40 | |
| Total BTEX | <0.300 | 0.300 | 02/28/2015 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9 | % 61-154 | ! | | | | | | |
| 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 | 02/27/2015 | ND | 208 | 104 | 200 | 0.0756 | |
| DRO >C10-C28 | <10.0 | 10.0 | 02/27/2015 | ND | 191 | 95.7 | 200 | 2.78 | |
| Surrogate: 1-Chlorooctane | 81.6 | % 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.2 | % 52.1-17 | 6 | | | | | | |

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Safety & Environmental Solutions Bob Allen 703 East Clinton

Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 02/25/2015 Sampling Date: 02/25/2015

Reported: 03/24/2015 Sampling Type: Soil

Project Name: WASTE OIL CLEANUP Sampling Condition: Cool & Intact
Project Number: SHA-14-001 Sample Received By: Jodi Henson

Sample ID: SP-3 BOTTOM (H500538-03)

LEA COUNTY, NM

Project Location:

| BTEX 8021B | mg/kg | | Analyze | d By: ms | | | | | |
|--------------------------------------|----------------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 0.050 | | 02/28/2015 | ND | 1.96 | 98.1 | 2.00 | 2.69 | |
| Toluene* | <0.050 | 0.050 | 02/28/2015 | ND | 1.79 | 89.3 | 2.00 | 2.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2015 | ND | 2.05 | 103 | 2.00 | 2.86 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2015 | ND | 5.52 | 92.0 | 6.00 | 3.40 | |
| Total BTEX | <0.300 | 0.300 | 02/28/2015 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9 | % 61-154 | 1 | | | | | | |
| 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 | 02/27/2015 | ND | 208 | 104 | 200 | 0.0756 | |
| DRO >C10-C28 | <10.0 | 10.0 | 02/27/2015 | ND | 191 | 95.7 | 200 | 2.78 | |
| Surrogate: 1-Chlorooctane | 79.4 % 47.2-15 | | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.1 | % 52.1-17 | 6 | | | | | | |

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Safety & Environmental Solutions Bob Allen

703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 02/25/2015 Sampling Date: 02/25/2015

Reported: 03/24/2015 Sampling Type: Soil

Project Name: WASTE OIL CLEANUP Sampling Condition: Cool & Intact
Project Number: SHA-14-001 Sample Received By: Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP-4 BOTTOM (H500538-04)

| BTEX 8021B | mg/kg | | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|---------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2015 | ND | 1.96 | 98.1 | 2.00 | 2.69 | |
| Toluene* | <0.050 | 0.050 | 02/28/2015 | ND | 1.79 | 89.3 | 2.00 | 2.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2015 | ND | 2.05 | 103 | 2.00 | 2.86 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2015 | ND | 5.52 | 92.0 | 6.00 | 3.40 | |
| Total BTEX | <0.300 | 0.300 | 02/28/2015 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 61-154 | 1 | | | | | | |
| 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 | 02/27/2015 | ND | 211 | 106 | 200 | 0.431 | |
| DRO >C10-C28 | <10.0 | 10.0 | 02/27/2015 | ND | 210 | 105 | 200 | 0.00906 | |
| Surrogate: 1-Chlorooctane | 102 9 | % 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 9 | % 52.1-17 | 6 | | | | | | |

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Safety & Environmental Solutions Bob Allen

703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 02/25/2015 Sampling Date: 02/25/2015

Reported: 03/24/2015 Sampling Type: Soil

Project Name: WASTE OIL CLEANUP Sampling Condition: Cool & Intact
Project Number: SHA-14-001 Sample Received By: Jodi Henson

Sample ID: SP-5 WEST WALL (H500538-05)

LEA COUNTY, NM

Project Location:

| BTEX 8021B | mg/kg | | Analyze | d By: ms | | | | | |
|--------------------------------------|-------------|-----------------|------------|--------------|------|------------|---------------|---------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2015 | ND | 1.96 | 98.1 | 2.00 | 2.69 | |
| Toluene* | <0.050 | 0.050 | 02/28/2015 | ND | 1.79 | 89.3 | 2.00 | 2.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2015 | ND | 2.05 | 103 | 2.00 | 2.86 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2015 | ND | 5.52 | 92.0 | 6.00 | 3.40 | |
| Total BTEX | <0.300 | 0.300 | 02/28/2015 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 % 61-15 | | 4 | | | | | | |
| 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 | 02/27/2015 | ND | 211 | 106 | 200 | 0.431 | |
| DRO >C10-C28 | <10.0 | 10.0 | 02/27/2015 | ND | 210 | 105 | 200 | 0.00906 | |
| Surrogate: 1-Chlorooctane | 108 9 | % 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 9 | 52.1-17 | 6 | | | | | | |

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Safety & Environmental Solutions Bob Allen 703 East Clinton

Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 02/25/2015 Sampling Date: 02/25/2015

Reported: 03/24/2015 Sampling Type: Soil

Project Name: WASTE OIL CLEANUP Sampling Condition: Cool & Intact
Project Number: SHA-14-001 Sample Received By: Jodi Henson

LEA COUNTY, NM

Sample ID: SP-6 WEST WALL (H500538-06)

Project Location:

| 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 | 02/28/2015 | ND | 1.96 | 98.1 | 2.00 | 2.69 | |
| Toluene* | <0.050 | 0.050 | 02/28/2015 | ND | 1.79 | 89.3 | 2.00 | 2.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2015 | ND | 2.05 | 103 | 2.00 | 2.86 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2015 | ND | 5.52 | 92.0 | 6.00 | 3.40 | |
| Total BTEX | <0.300 | 0.300 | 02/28/2015 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 61-154 | | | | | | | |
| 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 | | 02/27/2015 | ND | 211 | 106 | 200 | 0.431 | |
| DRO >C10-C28 | <10.0 | 10.0 | 02/27/2015 | ND | 210 | 105 | 200 | 0.00906 | |
| Surrogate: 1-Chlorooctane | 103 9 | % 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 9 | 52.1-170 | 6 | | | | | | |

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Safety & Environmental Solutions Bob Allen

703 East Clinton Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 02/25/2015 Sampling Date: 02/25/2015

Reported: 03/24/2015 Sampling Type: Soil

Project Name:WASTE OIL CLEANUPSampling Condition:Cool & IntactProject Number:SHA-14-001Sample Received By:Jodi HensonProject Location:LEA COUNTY, NM

Sample ID: SP-7 EAST WALL (H500538-07)

| BTEX 8021B | mg/kg | | Analyze | d By: ms | | | | | |
|--------------------------------------|--------------|-----------------|------------|--------------|------|------------|---------------|---------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 0.050 | | 03/02/2015 | ND | 1.92 | 96.0 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 03/02/2015 | ND | 1.77 | 88.7 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/02/2015 | ND | 1.98 | 99.1 | 2.00 | 6.84 | |
| Total Xylenes* | <0.150 | 0.150 | 03/02/2015 | ND | 5.33 | 88.9 | 6.00 | 8.22 | |
| Total BTEX | <0.300 | 0.300 | 03/02/2015 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 9 | 61-154 | ! | | | | | | |
| 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 | 02/27/2015 | ND | 211 | 106 | 200 | 0.431 | |
| DRO >C10-C28 | <10.0 | 10.0 | 02/27/2015 | ND | 210 | 105 | 200 | 0.00906 | |
| Surrogate: 1-Chlorooctane | 99.1 % 47 | | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 9 | 6 52.1-17 | 6 | | | | | | |

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Safety & Environmental Solutions Bob Allen 703 East Clinton

Hobbs NM, 88240

Fax To: (575) 393-4388

Received: 02/25/2015 Sampling Date: 02/25/2015

Reported: 03/24/2015 Sampling Type: Soil

Project Name: WASTE OIL CLEANUP Sampling Condition: Cool & Intact
Project Number: SHA-14-001 Sample Received By: Jodi Henson

LEA COUNTY, NM

Sample ID: SP-8 EAST WALL (H500538-08)

Project Location:

| BTEX 8021B | mg/kg | | Analyze | Analyzed By: ms | | | | | 0 |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|---------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/02/2015 | ND | 1.92 | 96.0 | 2.00 | 5.92 | |
| Toluene* | <0.050 | 0.050 | 03/02/2015 | ND | 1.77 | 88.7 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/02/2015 | ND | 1.98 | 99.1 | 2.00 | 6.84 | |
| Total Xylenes* | <0.150 | 0.150 | 03/02/2015 | ND | 5.33 | 88.9 | 6.00 | 8.22 | |
| Total BTEX | <0.300 | 0.300 | 03/02/2015 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9 | % 61-154 | 1 | | | | | | |
| 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 | 02/27/2015 | ND | 211 | 106 | 200 | 0.431 | |
| DRO >C10-C28 | <10.0 | 10.0 | 02/27/2015 | ND | 210 | 105 | 200 | 0.00906 | |
| rrogate: 1-Chlorooctane 113 % | | % 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 113 9 | % 52.1-17 | 6 | | | | | | |

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



ARDINAL LABORATORIES

101 East Marland, Hobbs; NM 88240

| 101 East Marland, Hobbs, NM 88240 | | |
|--|---|--|
| (505) 393- | BILLTO | ANALYSIS REQUEST |
| Salety & Elivilolillellial Solations | P.O. #: | |
| Project Manager: Boh Allen | Company. Same | |
| Address: 703 East Clinton | Jany. | |
| Hobbs State: 1 | Attn: | |
| # 14 | Address: | |
| くえ | City: | <u> </u> |
| ロスアマア | State: Zip: | / S |
| Florest Maine. | Phone #: | |
| A | Fax #: | 8 |
| Sampler Native MATRIX | PRESERV. SAMPLING | |
| C)OMP. RS TER | | 7/f |
| Lab I.D. Sample I.D. RAB OR CONTAINE CO | HER: ID/BASE: I/COOL HER: | 1370 |
| GF W/ | O. | X |
| , | 1000 COCC | XX |
| | X 22/25 (015 | |
| 1 501 50100 | X 0225 1030 | X |
| C CP-S WEST WALL C I X | - | |
| SPG WESTWAII GILL | - | |
| J SP-7 EART WAIL 5 ! } | > 2/2 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | XXX |
| 8 SP-8 EMSTOWN 4 1 N | 1 | |
| the client for the client of the client for the cli | act or lost, shall be imited to the smount paid by the client for | |
| PLEASE HOTE: Likility and Dajiniges Causina sienty and membra shall be desmet white duless made in willing and received by Cardinal within 30 days arise compensors analyses. All claims including lipicy for needigence and any office received by Claim. It as subsidiaries, sankes, in the first shall be liable for incidental or consequential drimages, it criticity without inflation, brainess interruptions, loss of use, or loss of position for the subsidiaries, sankes, in no sent strain shall be liable for incidental or consequential drimages, it criticity without inflation, brainess interruptions, loss of use, or loss of position for positions or otherwise, sankes, the criticity of the position of the position of the consequence | i desmed väiked unless medd in vatling änd recelved by Gautinal within 30 days inter-out-over- lag vähout intribition, business inforruptions, loss of use, of loss of profis incurried by kleint. Its subjektions in the profise in the control of th | |
| Sampler Relinguished: Date Date One of the control of the contr | Phone Kesult: | 1 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | EMAGN REMARKS | Langed as per Rebuca. Fleshow |
| Relipduished By: Date: Received By: | | The state of the s |
| Time: | | |
| Delivered By: (Circle One) Temp. Sample Condition Cool Intact | dition | |

Sampler - UPS - Bus - Other:

Appendix B C-141 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 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources**

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

Form C-141

Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

| | | | Rele | ase Notific | ation | and Co | rrective A | ction | | | | | |
|--|----------------|-----------------|--------------|---|------------|---|---------------------------------------|--------------|--|---------------|-------------|--------------|--|
| OPERATOR Initial Re | | | | | | | | | | l Report | \boxtimes | Final Report | |
| | | | Services | | | Contact: Tayler Allbritton | | | | | | | |
| Address: 21 Facility Nan | | ain | | | | Telephone No. (940) 312-3858 Facility Type: | | | | | | | |
| | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | |
| Surface Own | ner: Floyd | Simms | | Mineral O | wner: C | hevron | | | API No | • | | | |
| | | | | | | OF RE | LEASE | | | | | | |
| Unit Letter | Section 4 | Township 23S | Range 37E | Feet from the | North/S | South Line | Feet from the | East/W | est Line | County Lea | | | |
| | | | L | atitude <u>32.3272</u> | | | | <u> 766</u> | | | | | |
| Type of Relea | nea: Head C | il and lube | | NAT | URE | OF REL | EASE Release: 12 BBL | 2 | Volume P | ecovered: 0 | | | |
| Source of Re | | | | | | | Iour of Occurrence | | Volume Recovered: 0 Date and Hour of Discovery: | | | | |
| | . 37 | 7' 0 | | | | | 11:00 pm | | 12/27/201 | 4 | | | |
| Was Immedia | ite Notice (| | No 🗌 Not Re | equired | | | | | | | | | |
| By Whom? Date and Hour: Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. | | | | | | | | | | | | | |
| Was a Water | course Read | | Yes 🗵 | No | | If YES, Vo | olume Impacting t | the Wate | rcourse. | | | | |
| If a Watercourse was Impacted, Describe Fully.* | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Describe Cau | se of Probl | em and Reme | dial Actio | n Taken.* | | | · | | | | | | |
| Truck Rollov | er causing | spillage. | | | | | | | | | | | |
| | | | | | | - 16 | | | | | | | |
| Describe Are | a Affected | and Cleanup A | Action Tal | ken.♥ | | | | | | | | | |
| | | | | ssed and remedia | | | | | | | | | |
| | | | | on January 21, 20 lutions respectfull | | | | | | oved facility | and no |) luruler | |
| 1 | • | • | | • | • | | • | | | | | | |
| I hereby certi | fy that the | information g | iven above | e is true and comp | lete to th | e best of my | knowledge and u | ınderstar | d that purs | suant to NMC |)CD n | ales and | |
| regulations a | II operators | are required t | o report a | nd/or file certain r | release no | otifications a | nd perform correc | ctive acti | ons for rel | eases which i | may er | ndanger | |
| | | | | ce of a C-141 report investigate and r | | | | | | | | | |
| or the enviro | nment. In a | addition, NMC | OCD accep | otance of a C-141 | | | | | | | | | |
| federal, state | or local la | ws and/or reg | ulations. | | | | OIL CON | CEDM | ATION | DIVICIO | NT | | |
| | 1.1 | 14 | - | | | | OIL CON | <u>SER v</u> | ATION | DIAISIO | 114 | | |
| Signature: | // <u>X</u> | | 200 | | | | | | | | | | |
| Printed Nam | e: Taylor A | llbritton | | 27-16 | | Approved by | Environmental S | Specialist | : | | | | |
| Title: Region | al Manage | r | | | | Approval Da | te: | i | Expiration | Date: | | | |
| E-mail Addr | ess: tallbritt | on@sharpoilf | ieldservic | es.com | | Conditions o | f Approval: | | | Attached | | | |
| Date: 12-29- | 2014 | Р | hone: (94 | 0) 312-3858 | | | | | | | | | |

^{*} Attach Additional Sheets If Necessary