

September 24, 2013

AMY RUTH

DIVERSIFIED FIELD SERVICES, INC.

P. O. BOX 5966

HOBBS, NM 88241

RE: PLU #68

Enclosed are the results of analyses for samples received by the laboratory on 09/18/13 13:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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)

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

Jodi Henson

Sample Received By:



Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.

AMY RUTH P. O. BOX 5966 HOBBS NM, 88241

Fax To: (575) 393-2981

Received: 09/18/2013 Sampling Date: 09/16/2013

Reported: 09/24/2013 Sampling Type: Soil
Project Name: PLU #68 Sampling Condition: Cool & Intact

Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sample ID: SP 1 @ 2.5 (H302272-01)

| 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 | 09/20/2013 | ND | 2.20 | 110 | 2.00 | 1.51 | |
| Toluene* | <0.050 | 0.050 | 09/20/2013 | ND | 2.03 | 102 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/20/2013 | ND | 2.06 | 103 | 2.00 | 2.06 | |
| Total Xylenes* | <0.150 | 0.150 | 09/20/2013 | ND | 6.18 | 103 | 6.00 | 2.97 | |
| Total BTEX | <0.300 | 0.300 | 09/20/2013 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 114 % | 6 89.4-12 | 6 | | | | | | |
| 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 | 09/24/2013 | ND | 180 | 89.8 | 200 | 5.90 | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/24/2013 | ND | 167 | 83.3 | 200 | 9.08 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 09/24/2013 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 114 % | 65.2-14 | 0 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 116 9 | 63.6-15 | 4 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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

09/16/2013

Cool & Intact

Jodi Henson

Soil



Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.

AMY RUTH P. O. BOX 5966

HOBBS NM, 88241

Fax To: (575) 393-2981

Received: 09/18/2013 Reported: 09/24/2013

09/18/2013 Sampling Date:
09/24/2013 Sampling Type:
PLU #68 Sampling Condition:

Sample Received By:

Project Name: PLU #68
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sample ID: SP 2 @ 2.5 (H302272-02)

| 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 | 09/20/2013 | ND | 2.20 | 110 | 2.00 | 1.51 | |
| Toluene* | <0.050 | 0.050 | 09/20/2013 | ND | 2.03 | 102 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/20/2013 | ND | 2.06 | 103 | 2.00 | 2.06 | |
| Total Xylenes* | <0.150 | 0.150 | 09/20/2013 | ND | 6.18 | 103 | 6.00 | 2.97 | |
| Total BTEX | <0.300 | 0.300 | 09/20/2013 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 116 % | % 89.4-12 | 6 | | | | | | |
| 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 | 09/19/2013 | ND | 180 | 89.8 | 200 | 5.90 | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/19/2013 | ND | 167 | 83.3 | 200 | 9.08 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 09/19/2013 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 104 9 | % 65.2-14 | 0 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 9 | % 63.6-15 | 4 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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



Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.

AMY RUTH P. O. BOX 5966

HOBBS NM, 88241

Fax To: (575) 393-2981

Received: 09/18/2013

Reported: 09/24/2013
Project Name: PLU #68
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 09/16/2013

Sampling Type: Soil

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

Sample ID: SP 3 @ 2.5 (H302272-03)

| 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 | 09/20/2013 | ND | 2.20 | 110 | 2.00 | 1.51 | |
| Toluene* | <0.050 | 0.050 | 09/20/2013 | ND | 2.03 | 102 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/20/2013 | ND | 2.06 | 103 | 2.00 | 2.06 | |
| Total Xylenes* | <0.150 | 0.150 | 09/20/2013 | ND | 6.18 | 103 | 6.00 | 2.97 | |
| Total BTEX | <0.300 | 0.300 | 09/20/2013 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9 | % 89.4-12 | 6 | | | | | | |
| 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 | 09/19/2013 | ND | 180 | 89.8 | 200 | 5.90 | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/19/2013 | ND | 167 | 83.3 | 200 | 9.08 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 09/19/2013 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 106 9 | % 65.2-14 | 0 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 113 % 63.6-1 | | 4 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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



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

Cardinal Laboratories *=Accredited Analyte

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| belivered by Sampler - UPS | Collinson By | elinguished By | | elinquished By: | llyses. All claims includ vice. In no event shall-t | EASE NOTE: Liability a | | | | U | 1 | - | 1 None | מוממכול | Lab I.D. | | FOR LAB USE ONLY | Sampler Name: | roject Location: | roject Name: | roject #: | hone #: 57 | city: Hobbs | Address: 3 | roject Manag | ompany Nan |
|---|----------------|----------------|-------------------------|---|---|---|---|--|--|-------------|----------------------|--|-------------|------------------------------------|-------------|--------------|------------------|---------------|----------------------|--------------|--------------------|---|--------------------|------------|------------------------|----------------------|
| bampler - UPS - Bus - Other | (Circle Circle | Y X | Ť Ž | X: I will related by the | alyses. All claims including those on negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable ruce. In no every shall cardinal be labbe on incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, | EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any delimarising whether based in contract or tot, shall be limited to the amount paid by the client for the | | | | 26.2 C | 8000 2000 2000 | 307108 | 20. | | San | | | HMA | in: Eddi | ZLU | | none # 575-864-8394 Fax #: 575-464-8396 | な | 2 ZITES | Project Manager: Hwy 1 | Stand :a |
| | Time: | Date: | が記さ | Date: | nd any other cause whats intal or consequental dam | ability and client's exclusive | | | | C . > | 100 | 100 | 1 | | Sample I.D. | | | 1 K With | 1 Country | 468 | Proje | 3394 Fax 1 | Sta | TRO | Tu | ed |
| -9.6°C | | C2 | 1/2 | hereunder by Cardinal, | soever shall be deemed nages, including without | ive remedy for any claim | | | | Q | .0< | ≥ © | À (⊙ | G)RAB | OR (0 | C)OMI | 5. | | | | Project Owner: BDP | # 575-9 | State: NM Zip: 88: | Paso | | アラインのというかん |
| Sample Condition Cool Intact Press Pres | | Received By: | - | dinal, regardless of whether such claim is based upon any of the above Received By: | waived unless made in wr limitation, business interru | arising whether based in | | | | - | | \ <u>\</u> | G | CONT, ROUN /ASTE\ OIL | DWA: | TER | MATRIX | | ZX | | ON STORE | B-839 | 288 | | | 1 |
| act CH | | | 20 20 V 20 V | h claim is based upon any | tting and received by Caro | contract or tort, shall be lin | | | | < | | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | SI O | LUDGE THER CID/BA CE / CO | SE: | | NX PRESERV | Fax #: | Phone #: | State: | City: | Address | Attn: 7 | Company: | P.O. #: | $\mathcal{I}_{N(0)}$ |
| MED BY: | | (| | of the above stated reas | tinal within 30 days after of profits incurred by clie | nited to the amount paid i | | | | 9.16.131540 | 9.16-13 1531 | 9.112.13 | DATE | THER: | | | ERV. SAMPLING | | | Zip: | | | UMU UMU | " BDP1 | | B/LL 70 |
| druth | STWa | Email resu | Fax Result: REMARKS: | Phone Result: | completion of the applica ant, its subsidiaries, | w the client for the | | | | 1540 7 | 1531 2 | 1520 V | TIME | 77 | P | - | | 80 | 12 | | M | | | Ò | -10 | |
| @ div | Hers @ | results | □ Yes □ No | | ë | | | | | < | < | < | | B | TE | 7. | | | | | | | | | | |
| aruth@diversifiedfsi.com | Bass | W. | lo Add'l Fax#: | ı | | | • | | | | | | | | | | | · : | ** * <u>!</u> | | | | | | | ANALY |
| disi. | Petico | | 井高 | # | | | | | | | | | | | | | | | | | | | | | | ANALYSIS REQUEST |
| SON | 3 | | | | | | | | | | | | | | | | | | | | | | | | | TS |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

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