

Scrape

| Bottom Samples | Cl- | GRO | DRO | B | T | E | X | TOTAL |
|----------------|-----|-----|-----|-------|-------|-------|-------|-------|
| PT.1 | 32 | <10 | <10 | <0.05 | <0.05 | <0.05 | <0.15 | <0.3 |
| PT.2 | 32 | <10 | <10 | <0.05 | <0.05 | <0.05 | <0.15 | <0.3 |
| PT.3 | 32 | <10 | <10 | <0.05 | <0.05 | <0.05 | <0.15 | <0.3 |

REVIEWED

By Kellie Jones at 12:35 pm, Nov 09, 2015



Legend

- X SOURCE
- CONTROL BOX
- + DEADMAN
- ELECTRICAL BOX
- ▲ SCRAPE SAMPLE
- + ELECTRIC LINE CONNECTION
- WELLHEAD
- SURFACE ELECTRIC
- SURFACE PIPELINE
- BATTERY
- X X X FENCE
- 6 IN SCRAPE
- SCRAPE @ 1 FT
- STAIN- 8,700 SQ FT
- PUMPJACK

Landowner: S-W Cattle Company
DGW: 54 FT

Source: Esri, DigitalGlobe, GeoEye,
USDA, USGS, AEX, Getmapping,
User Community, Image courtesy of
Corporation



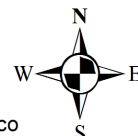
CONOCOPHILLIPS
SEMU 95 SWD
LEGALS: UL/ J SEC. 23
T-20-S R-37-E
LEA COUNTY, NM
NMOCD CASE # 1RP-3485

Underground facilities are
spatially projected
and need to be field verified.

GPS: 32.556729 -103.220017

0 25 50
Feet

Drawing date: 11/9/15
Drafted by: L. Weinheimer, T. Grieco





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

November 06, 2015

KYLE NORMAN

BASIN ENVIRONMENTAL - HOBBS

419 W. CAIN

HOBBS, NM 88240

RE: SEMU 95 SWD

Enclosed are the results of analyses for samples received by the laboratory on 11/05/15 15:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 BASIN ENVIRONMENTAL - HOBBS
 KYLE NORMAN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 393-0293

| | | | |
|-------------------|-------------|---------------------|---------------|
| Received: | 11/05/2015 | Sampling Date: | 11/05/2015 |
| Reported: | 11/06/2015 | Sampling Type: | Soil |
| Project Name: | SEMU 95 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: POINT 1 @ 1' (H502938-01)

| BTX 8021B | | | mg/kg | | Analyzed By: MS | | | | |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/06/2015 | ND | 2.05 | 103 | 2.00 | 0.417 | |
| Toluene* | <0.050 | 0.050 | 11/06/2015 | ND | 2.31 | 115 | 2.00 | 1.28 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/06/2015 | ND | 2.12 | 106 | 2.00 | 0.767 | |
| Total Xylenes* | <0.150 | 0.150 | 11/06/2015 | ND | 6.76 | 113 | 6.00 | 0.943 | |
| Total BTX | <0.300 | 0.300 | 11/06/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

| Chloride, SM4500Cl-B | | | mg/kg | | Analyzed By: AP | | | | |
|----------------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/06/2015 | ND | 416 | 104 | 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 | 11/06/2015 | ND | 207 | 103 | 200 | 2.82 | |
| DRO >C10-C28 | <10.0 | 10.0 | 11/06/2015 | ND | 212 | 106 | 200 | 3.38 | |

Surrogate: 1-Chlorooctane 97.4 % 35-147

Surrogate: 1-Chlorooctadecane 109 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BASIN ENVIRONMENTAL - HOBBS
KYLE NORMAN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 393-0293

Received: 11/05/2015
Reported: 11/06/2015
Project Name: SEMU 95 SWD
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/05/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: POINT 2 @ 1' (H502938-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/06/2015 | ND | 2.05 | 103 | 2.00 | 0.417 | |
| Toluene* | <0.050 | 0.050 | 11/06/2015 | ND | 2.31 | 115 | 2.00 | 1.28 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/06/2015 | ND | 2.12 | 106 | 2.00 | 0.767 | |
| Total Xylenes* | <0.150 | 0.150 | 11/06/2015 | ND | 6.76 | 113 | 6.00 | 0.943 | |
| Total BTEx | <0.300 | 0.300 | 11/06/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/06/2015 | ND | 416 | 104 | 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 | 11/06/2015 | ND | 207 | 103 | 200 | 2.82 | |
| DRO >C10-C28 | <10.0 | 10.0 | 11/06/2015 | ND | 212 | 106 | 200 | 3.38 | |

Surrogate: 1-Chlorooctane 98.2 % 35-147

Surrogate: 1-Chlorooctadecane 105 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BASIN ENVIRONMENTAL - HOBBS
KYLE NORMAN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 393-0293

Received: 11/05/2015
Reported: 11/06/2015
Project Name: SEMU 95 SWD
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/05/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: POINT 3 @ 1' (H502938-03)

| 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 | 11/06/2015 | ND | 2.05 | 103 | 2.00 | 0.417 | |
| Toluene* | <0.050 | 0.050 | 11/06/2015 | ND | 2.31 | 115 | 2.00 | 1.28 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/06/2015 | ND | 2.12 | 106 | 2.00 | 0.767 | |
| Total Xylenes* | <0.150 | 0.150 | 11/06/2015 | ND | 6.76 | 113 | 6.00 | 0.943 | |
| Total BTEx | <0.300 | 0.300 | 11/06/2015 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/06/2015 | ND | 416 | 104 | 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 | 11/06/2015 | ND | 207 | 103 | 200 | 2.82 | |
| DRO >C10-C28 | <10.0 | 10.0 | 11/06/2015 | ND | 212 | 106 | 200 | 3.38 | |

Surrogate: 1-Chlorooctane 94.3 % 35-147

Surrogate: 1-Chlorooctadecane 103 % 28-171

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

ORDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Rush!!

[illegible]

ConocoPhillips SEMU 95 SWD

Unit Letter J, Section 23, T20S, R37E



Excavation @ 1' Facing North West 11/6/15