



RECEIVED

By OCD District 1 at 9:40 am, Aug 31, 2015

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

August 17, 2015

DAVID MATTHEWS

CHEVRON - HOBBS

1616 W. BENDER

HOBBS, NM 88240

RE: MORAN 2 - 6

Enclosed are the results of analyses for samples received by the laboratory on 08/10/15 14:07.

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".

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 CHEVRON - HOBBS
 DAVID MATTHEWS
 1616 W. BENDER
 HOBBS NM, 88240
 Fax To:

 Received: 08/10/2015
 Reported: 08/17/2015
 Project Name: MORAN 2 - 6
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 08/10/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: C #3 (H502075-01)

| 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 | 08/12/2015 | ND | 2.02 | 101 | 2.00 | 3.51 | | |
| Toluene* | <0.050 | 0.050 | 08/12/2015 | ND | 1.93 | 96.5 | 2.00 | 3.57 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/12/2015 | ND | 2.11 | 106 | 2.00 | 4.06 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/12/2015 | ND | 5.98 | 99.7 | 6.00 | 4.08 | | |
| Total BTEX | <0.300 | 0.300 | 08/12/2015 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 85.6-137

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 08/14/2015 | ND | 384 | 96.0 | 400 | 8.00 | | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 CHEVRON - HOBBS
 DAVID MATTHEWS
 1616 W. BENDER
 HOBBS NM, 88240
 Fax To:

 Received: 08/10/2015
 Reported: 08/17/2015
 Project Name: MORAN 2 - 6
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 08/10/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: C #4 (H502075-02)

| 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 | 08/12/2015 | ND | 2.02 | 101 | 2.00 | 3.51 | |
| Toluene* | <0.050 | 0.050 | 08/12/2015 | ND | 1.93 | 96.5 | 2.00 | 3.57 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/12/2015 | ND | 2.11 | 106 | 2.00 | 4.06 | |
| Total Xylenes* | <0.150 | 0.150 | 08/12/2015 | ND | 5.98 | 99.7 | 6.00 | 4.08 | |
| Total BTEX | <0.300 | 0.300 | 08/12/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 85.6-137

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 08/14/2015 | ND | 384 | 96.0 | 400 | 8.00 | |

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 CHEVRON - HOBBS
 DAVID MATTHEWS
 1616 W. BENDER
 HOBBS NM, 88240
 Fax To:

 Received: 08/10/2015
 Reported: 08/17/2015
 Project Name: MORAN 2 - 6
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 08/10/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: F #3 (H502075-03)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|-----------------------|-------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <5.00 | 5.00 | 08/12/2015 | ND | 2.02 | 101 | 2.00 | 3.51 | |
| Toluene* | <5.00 | 5.00 | 08/12/2015 | ND | 1.93 | 96.5 | 2.00 | 3.57 | |
| Ethylbenzene* | 32.9 | 5.00 | 08/12/2015 | ND | 2.11 | 106 | 2.00 | 4.06 | |
| Total Xylenes* | 55.6 | 15.0 | 08/12/2015 | ND | 5.98 | 99.7 | 6.00 | 4.08 | |
| Total BTEX | 88.5 | 30.0 | 08/12/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 85.6-137

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 08/14/2015 | ND | 400 | 100 | 400 | 11.3 | |

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 CHEVRON - HOBBS
 DAVID MATTHEWS
 1616 W. BENDER
 HOBBS NM, 88240
 Fax To:

 Received: 08/10/2015
 Reported: 08/17/2015
 Project Name: MORAN 2 - 6
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 08/10/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: F #4 (H502075-04)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|-----------------------|--------------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.200 | 0.200 | 08/13/2015 | ND | 2.18 | 109 | 2.00 | 0.980 | |
| Toluene* | 0.684 | 0.200 | 08/13/2015 | ND | 2.09 | 105 | 2.00 | 1.34 | |
| Ethylbenzene* | 6.28 | 0.200 | 08/13/2015 | ND | 2.28 | 114 | 2.00 | 1.31 | |
| Total Xylenes* | 13.2 | 0.600 | 08/13/2015 | ND | 6.48 | 108 | 6.00 | 0.852 | |
| Total BTEX | 20.2 | 1.20 | 08/13/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 85.6-137

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 800 | 16.0 | 08/14/2015 | ND | 400 | 100 | 400 | 11.3 | |

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Analytical Results For:

 CHEVRON - HOBBS
 DAVID MATTHEWS
 1616 W. BENDER
 HOBBS NM, 88240
 Fax To:

 Received: 08/10/2015
 Reported: 08/17/2015
 Project Name: MORAN 2 - 6
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 08/10/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: I #3 (H502075-05)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/13/2015 | ND | 2.18 | 109 | 2.00 | 0.980 | | |
| Toluene* | <0.050 | 0.050 | 08/13/2015 | ND | 2.09 | 105 | 2.00 | 1.34 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2015 | ND | 2.28 | 114 | 2.00 | 1.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2015 | ND | 6.48 | 108 | 6.00 | 0.852 | | |
| Total BTEX | <0.300 | 0.300 | 08/13/2015 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 85.6-137

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 08/14/2015 | ND | 400 | 100 | 400 | 11.3 | | |

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Analytical Results For:

 CHEVRON - HOBBS
 DAVID MATTHEWS
 1616 W. BENDER
 HOBBS NM, 88240
 Fax To:

 Received: 08/10/2015
 Reported: 08/17/2015
 Project Name: MORAN 2 - 6
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 08/10/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: I #4 (H502075-06)

| BTEX 8021B | | | mg/kg | | | Analyzed By: MS | | | | |
|----------------|--------|-----------------|------------|--------------|------|-----------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/13/2015 | ND | 2.18 | 109 | 2.00 | 0.980 | | |
| Toluene* | <0.050 | 0.050 | 08/13/2015 | ND | 2.09 | 105 | 2.00 | 1.34 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2015 | ND | 2.28 | 114 | 2.00 | 1.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2015 | ND | 6.48 | 108 | 6.00 | 0.852 | | |
| Total BTEX | <0.300 | 0.300 | 08/13/2015 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 85.6-137

| Chloride, SM4500Cl-B | | | mg/kg | | | Analyzed By: AP | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|-----------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 08/14/2015 | ND | 400 | 100 | 400 | 11.3 | | |

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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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