

Tables

Table 1. 7/21/14 - 10/14/15 Groundwater Field Parameters

| Monitoring Station | Date | DTW (ft) | Temp (°C) | SPC (mS/cm) | DO (mg/L) | TDS (mg/L) | SAL (ppt) | pH | ORP (mV) | Water Quality Observations |
|--------------------|------------|----------|-----------|-------------|-----------|------------|-----------|------|----------|---|
| MW-2 | 7/21/2014 | 5.05 | 10.30 | 0.908 | 0.67 | 591.50 | 0.45 | 8.03 | -92.70 | Light brown in color, no sheen, no effervescence, mild sulfur odor, mildly visually turbid |
| MW-4 | 7/21/2014 | 6.91 | 10.20 | 0.835 | 1.28 | 539.50 | 0.41 | 7.73 | -76.30 | Clear in color, large rust particles present, no effervescence, no sheen, mild odor, highly visually turbid |
| MW-8 | 7/21/2014 | 8.55 | 9.60 | 1.215 | 0.76 | 786.50 | 0.61 | 7.09 | -70.40 | Clear in color, no effervescence, no sheen, mild odor, mild visually turbid |
| MW-12 | 7/21/2014 | 2.45 | 11.70 | 0.881 | 0.96 | 572.00 | 0.44 | 6.68 | -54.70 | Light brown in color, no effervescence, no sheen, slight odor |
| MW-17 | 7/21/2014 | 5.69 | 10.70 | 1.762 | 0.90 | 1144.00 | 0.90 | 7.92 | -71.80 | Brown in color, no effervescence, no sheen, no odor, visually turbid |
| MW-20 | 7/21/2014 | 8.81 | 9.30 | 0.97 | 1.20 | 630.50 | 0.48 | 6.45 | NR | Light gray/brown in color, no effervescence, no sheen, no odor, mild visually turbid |
| MW-22 | 7/21/2014 | 10.38 | 8.90 | 1.366 | 1.48 | 890.50 | 0.69 | 6.32 | -29.70 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-2 | 10/21/2014 | 4.38 | 12.30 | 0.848 | 0.82 | NR | NR | NR | -62.80 | Light brown in color, no sheen, no effervescence, mild sulfur odor, mildly visually turbid |
| MW-4 | 10/21/2014 | 5.60 | 13.70 | 1.047 | 1.09 | NR | NR | NR | -18.50 | Slightly brown in color, large rust particles present, no effervescence, no sheen, mild odor |
| MW-8 | 10/21/2014 | 9.27 | 11.90 | 1.181 | 0.61 | NR | NR | NR | -62.40 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-12 | 10/21/2014 | 0.81 | 9.90 | 1.053 | 2.67 | NR | NR | NR | -45.80 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-17 | 10/21/2014 | 6.95 | 11.50 | 1.195 | 0.60 | NR | NR | NR | -49.50 | Brown in color, no sheen, no effervescence, no odor, very turbid |
| MW-20 | 10/21/2014 | 9.56 | 10.90 | 0.906 | 2.34 | NR | NR | NR | -17.40 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-22 | 10/21/2014 | 11.12 | 10.30 | 1.019 | 2.89 | NR | NR | NR | -24.40 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-2 | 1/13/2015 | 3.72 | 7.40 | 0.866 | 0.90 | 565.50 | 0.43 | NR | -115.30 | Light brown in color, no sheen, no effervescence, mild sulfur odor, mildly visually turbid |
| MW-4 | 1/13/2015 | 4.94 | 5.60 | 0.856 | 2.90 | 559.00 | 0.42 | NR | 63.70 | Slightly brown in color, large rust particles present, no effervescence, no sheen, mild odor |
| MW-8 | 1/13/2015 | 8.00 | 9.70 | 1.108 | 0.71 | 721.60 | 0.55 | NR | -63.00 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-12 | 1/13/2015 | NR | NR | NR | NR | NR | NR | NR | NR | Frozen well head |
| MW-17 | 1/13/2015 | 5.00 | 7.90 | 1.833 | 0.80 | 1189.50 | 0.93 | NR | -2.90 | Brown in color, no sheen, no effervescence, no odor, very turbid |
| MW-20 | 1/13/2015 | 8.13 | 7.60 | 0.92 | 2.29 | 598.00 | 0.46 | NR | 18.30 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-22 | 1/13/2015 | 9.40 | 8.40 | 0.999 | 3.12 | 650.00 | 0.50 | NR | 7.50 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-2 | 4/14/2015 | 3.15 | 7.60 | 0.882 | 1.26 | 572.00 | 0.44 | 7.94 | -137.50 | Light brown in color, no sheen, no effervescence, mild sulfur odor, mildly visually turbid |
| MW-4 | 4/14/2015 | 4.18 | 11.20 | 0.394 | 3.87 | 252.00 | 0.18 | 7.92 | 6.30 | Slightly brown in color, large rust particles present, no effervescence, no sheen, mild odor |
| MW-8 | 4/14/2015 | 7.12 | 9.00 | 1.145 | 1.25 | 741.00 | 0.57 | 7.71 | -94.60 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-12 | 4/14/2015 | 1.20 | 6.20 | 1.132 | 4.04 | 34.50 | 0.56 | 7.47 | -82.30 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-17 | 4/14/2015 | 3.53 | 7.50 | 1.957 | 1.83 | 1274.00 | 1.00 | 7.79 | -16.70 | Brown in color, no sheen, no effervescence, no odor, very turbid |
| MW-20 | 4/14/2015 | 7.37 | 6.20 | 1.015 | 1.25 | 663.00 | 0.50 | NR | -92.80 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-22 | 4/14/2015 | 8.64 | 7.70 | 1.292 | 1.58 | 838.50 | 0.65 | 7.31 | -3.60 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-2 | 7/15/2015 | 3.11 | 11.80 | 0.841 | 1.36 | 546.00 | 0.41 | 8.04 | -106.40 | Light brown in color, no sheen, no effervescence, mild sulfur odor, mildly visually turbid |
| MW-4 | 7/15/2015 | 4.88 | 10.50 | 1.035 | 3.56 | 1051.00 | 0.37 | 6.99 | -7.80 | Slightly brown in color, large rust particles present, no effervescence, no sheen, mild odor |
| MW-8 | 7/15/2015 | 6.45 | 10.02 | 1.452 | 11.80 | 942.50 | 0.73 | 7.58 | -89.10 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-12 | 7/15/2015 | 1.61 | 15.20 | 1.032 | 6.35 | 669.50 | 0.51 | 6.94 | -40.40 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-17 | 7/15/2015 | 2.39 | 13.80 | 1.161 | 2.02 | 754.00 | 0.58 | 8.14 | 27.30 | Brown in color, no sheen, no effervescence, no odor, very turbid |
| MW-20 | 7/15/2015 | 6.64 | 10.50 | 0.963 | 1.30 | 624.00 | 0.48 | 7.65 | 26.20 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-22 | 7/15/2015 | 7.93 | 9.60 | 1.402 | 2.17 | 910.00 | 0.71 | 7.66 | 10.90 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-2 | 10/14/2015 | 5.80 | 11.60 | 0.810 | 3.84 | 526.50 | 0.40 | 7.91 | -44.30 | Light brown in color, no sheen, no effervescence, mild sulfur odor, mildly visually turbid |
| MW-4 | 10/14/2015 | 8.55 | 11.50 | 0.867 | 3.21 | 556.00 | 0.40 | 7.90 | -54.20 | Slightly brown in color, large rust particles present, no effervescence, no sheen, mild odor |
| MW-8 | 10/14/2015 | 9.64 | 12.30 | 1.162 | 3.06 | 754.00 | 0.58 | 7.61 | -74.50 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-12 | 10/14/2015 | 1.11 | 11.50 | 0.975 | 9.77 | 975.00 | 0.48 | 7.54 | -83.10 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-17 | 10/14/2015 | 7.39 | 11.70 | 1.192 | 3.87 | 773.50 | 0.60 | 7.86 | -50.70 | Brown in color, no sheen, no effervescence, no odor, very turbid |
| MW-20 | 10/14/2015 | 9.09 | 11.40 | 0.930 | 6.57 | 604.50 | 0.46 | 7.56 | 47.50 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |
| MW-22 | 10/14/2015 | 10.55 | 10.60 | 1.017 | 2.89 | 663.00 | 0.51 | 7.63 | 28.50 | Light brown in color, no sheen, no effervescence, no odor, mildly visually turbid |

Notes: NR= Not recorded

Table 2. 7/21/14 - 10/14/15 West Divide Creek BTEX Groundwater Concentrations

| Monitoring Station | Sample ID | Lab ID | Sample Date | Benzene (mg/L) | | | | Toluene (mg/L) | | | | Ethylbenzene (mg/L) | | | | Total Xylenes (mg/L) | | | |
|--------------------|--------------|------------|-------------|----------------|---------|---------|------|----------------|---------|-------|------|---------------------|---------|-------|------|----------------------|--------|--------|------|
| | | | | RDL | MDL | Value | Qual | RDL | MDL | Value | Qual | RDL | MDL | Value | Qual | RDL | MDL | Value | Qual |
| MW-2 | MW-2-072114 | L711661-01 | 7/21/2014 | 0.001 | 0.00033 | 0.041 | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | 0.0055 | |
| MW-4 | MW-4-072114 | L711661-02 | 7/21/2014 | 0.001 | 0.00033 | 0.031 | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | 0.0044 | |
| MW-8 | MW-8-072114 | L711661-03 | 7/21/2014 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-12 | MW-12-072114 | L711661-04 | 7/21/2014 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-17 | MW-17-072114 | L711661-05 | 7/21/2014 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-20 | MW-20-072114 | L711661-06 | 7/21/2014 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-22 | MW-22-072114 | L711661-07 | 7/21/2014 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-2 | MW-2-102114 | L729031-01 | 10/21/2014 | 0.001 | 0.00033 | 0.053 | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | 0.015 | |
| MW-4 | MW-4-102114 | L729031-02 | 10/21/2014 | 0.001 | 0.00033 | 0.0028 | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-8 | MW-8-102114 | L729031-03 | 10/21/2014 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-12 | MW-12-102114 | L729031-04 | 10/21/2014 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-17 | MW-17-102114 | L729031-05 | 10/21/2014 | 0.001 | 0.00033 | 0.014 | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-20 | MW-20-102114 | L729031-06 | 10/21/2014 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-22 | MW-22-102114 | L729031-07 | 10/21/2014 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-2 | MW-2-011315 | L743311-01 | 1/13/2015 | 0.001 | 0.00033 | 0.03 | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | 0.0072 | |
| MW-4 | MW-4-011315 | L743311-02 | 1/13/2015 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-8 | MW-8-011315 | L743311-03 | 1/13/2015 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-12 | NS | NS | 1/13/2015 | 0.001 | 0.00033 | NS | | 0.005 | 0.00078 | NS | | 0.001 | 0.00038 | NS | | 0.003 | 0.0011 | NS | |
| MW-17 | MW-17-011315 | L743311-04 | 1/13/2015 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-20 | MW-20-011315 | L743311-05 | 1/13/2015 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-22 | MW-22-011315 | L743311-06 | 1/13/2015 | 0.001 | 0.00033 | ND | | 0.005 | 0.00078 | ND | | 0.001 | 0.00038 | ND | | 0.003 | 0.0011 | ND | |
| MW-2 | MW-2-041415 | L759403-01 | 4/14/2015 | 0.001 | 0.0003 | 0.36 | | 0.005 | 0.0008 | ND | | 0.0001 | 0.0004 | ND | | 0.003 | 0.0011 | 0.004 | |
| MW-4 | MW-4-041415 | L759403-02 | 4/14/2015 | 0.001 | 0.0003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-8 | MW-8-041415 | L759403-03 | 4/14/2015 | 0.001 | 0.0003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-12 | MW-12-041415 | L759403-04 | 4/14/2015 | 0.001 | 0.0003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-17 | MW-17-041415 | L759403-05 | 4/14/2015 | 0.001 | 0.0003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-20 | MW-20-041415 | L759403-06 | 4/14/2015 | 0.001 | 0.0003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-22 | MW-22-041415 | L759403-07 | 4/14/2015 | 0.001 | 0.0003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-2 | MW-2-071515 | L777357-01 | 7/15/2015 | 0.001 | 0.0003 | 0.054 | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | 0.015 | |
| MW-4 | MW-4-071515 | L777357-02 | 7/15/2015 | 0.001 | 0.0003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-8 | MW-8-071515 | L777357-03 | 7/15/2015 | 0.001 | 0.0003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-12 | MW-12-071515 | L777357-04 | 7/15/2015 | 0.001 | 0.0003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-17 | MW-17-071515 | L777357-05 | 7/15/2015 | 0.001 | 0.0003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-20 | MW-20-071515 | L777357-06 | 7/15/2015 | 0.001 | 0.0003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-22 | MW-22-071515 | L777357-07 | 7/15/2015 | 0.001 | 0.0003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-2 | MW-2-101415 | L794742-01 | 10/14/2015 | 0.001 | 0.003 | 0.0703 | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | 0.0162 | |
| MW-4 | MW-4-101415 | L794742-02 | 10/14/2015 | 0.001 | 0.003 | 0.0292 | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | 0.0109 | |
| MW-8 | MW-8-101415 | L794742-03 | 10/14/2015 | 0.001 | 0.003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-12 | MW-12-101415 | L794742-04 | 10/14/2015 | 0.001 | 0.003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-17 | MW-17-101415 | L794742-05 | 10/14/2015 | 0.001 | 0.003 | 0.00953 | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-20 | MW-20-101415 | L794742-06 | 10/14/2015 | 0.001 | 0.003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |
| MW-22 | MW-22-101415 | L794742-07 | 10/14/2015 | 0.001 | 0.003 | ND | | 0.005 | 0.0008 | ND | | 0.001 | 0.0004 | ND | | 0.003 | 0.0011 | ND | |

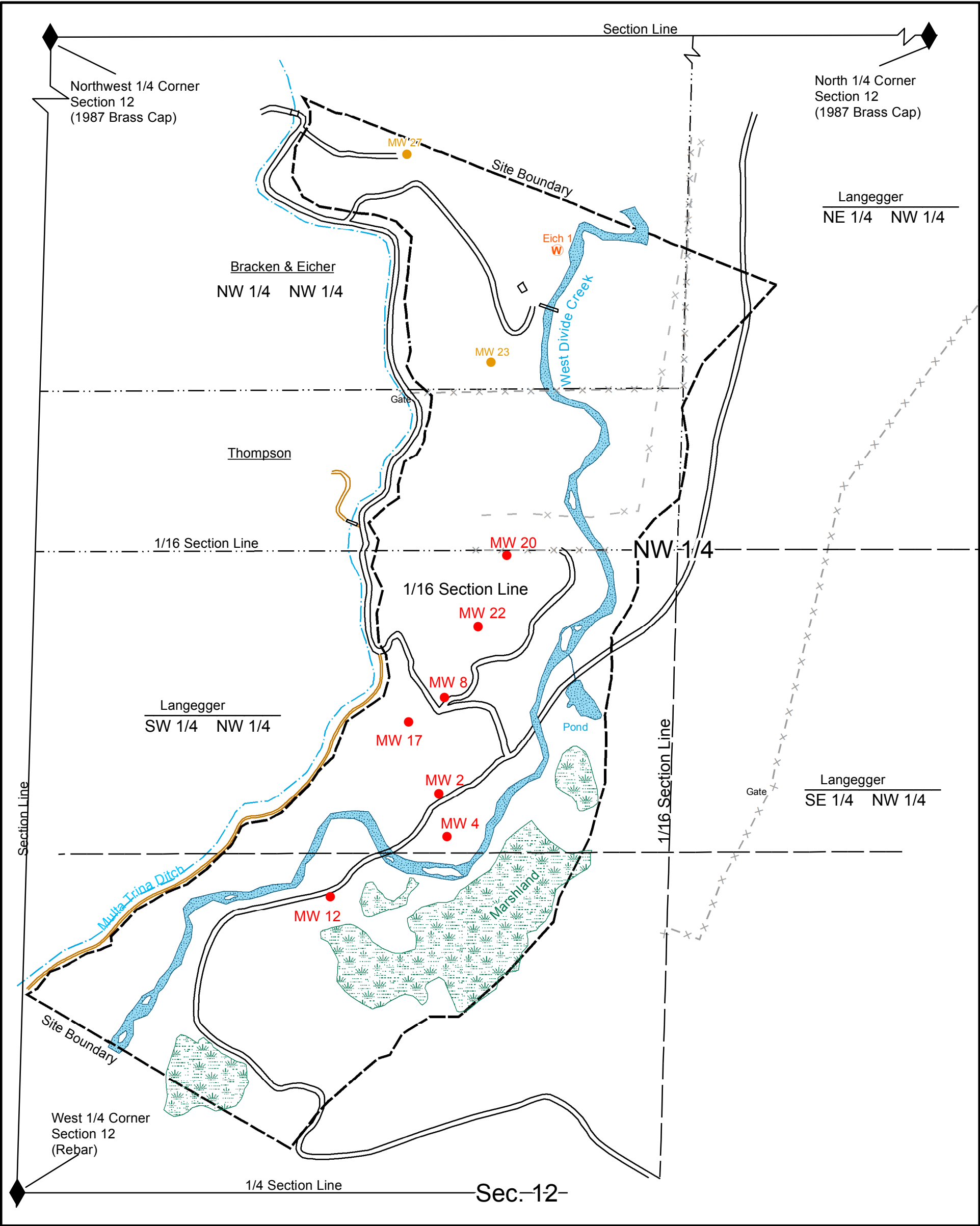
Value exceeds Table 910-1
ND = Non Detect

Table 3. 7/21/14 - 10/14/15 Methane Groundwater Concentrations.

| Monitoring Station | Sample ID | Lab ID | Sample Date | Methane (mg/L) | | | |
|--------------------|--------------|------------|-------------|----------------|--------|--------|------|
| | | | | RDL | MDL | Value | Qual |
| MW-2 | MW-2-072114 | L711661-01 | 7/21/2014 | 0.01 | 0.0021 | 5.6 | |
| MW-4 | MW-4-072114 | L711661-02 | 7/21/2014 | 0.01 | 0.0021 | 5.2 | |
| MW-8 | MW-8-072114 | L711661-03 | 7/21/2014 | 0.01 | 0.0021 | 0.023 | |
| MW-12 | MW-12-072114 | L711661-04 | 7/21/2014 | 0.01 | 0.0021 | 0.3 | |
| MW-17 | MW-17-072114 | L711661-05 | 7/21/2014 | 0.01 | 0.0021 | 0.19 | |
| MW-20 | MW-20-072114 | L711661-06 | 7/21/2014 | 0.01 | 0.0021 | <0.010 | |
| MW-22 | MW-22-072114 | L711661-07 | 7/21/2014 | 0.01 | 0.0021 | 0.015 | |
| MW-2 | MW-2-102114 | L729031-01 | 10/21/2014 | 0.01 | 0.0021 | 14 | |
| MW-4 | MW-4-102114 | L729031-02 | 10/21/2014 | 0.01 | 0.0021 | 2.6 | |
| MW-8 | MW-8-102114 | L729031-03 | 10/21/2014 | 0.01 | 0.0021 | 0.19 | |
| MW-12 | MW-12-102114 | L729031-04 | 10/21/2014 | 0.01 | 0.0021 | 0.51 | |
| MW-17 | MW-17-102114 | L729031-05 | 10/21/2014 | 0.01 | 0.0021 | 4.3 | |
| MW-20 | MW-20-102114 | L729031-06 | 10/21/2014 | 0.01 | 0.0021 | <0.010 | |
| MW-22 | MW-22-102114 | L729031-07 | 10/21/2014 | 0.01 | 0.0021 | <0.010 | |
| MW-2 | MW-2-011315 | L743311-01 | 1/13/2015 | 0.01 | 0.0021 | 7.2 | |
| MW-4 | MW-4-011315 | L743311-02 | 1/13/2015 | 0.01 | 0.0021 | 1.0 | |
| MW-8 | MW-8-011315 | L743311-03 | 1/13/2015 | 0.01 | 0.0021 | 0.1 | |
| MW-12 | NS | NS | 1/13/2015 | 0.01 | 0.0021 | NS | |
| MW-17 | MW-17-011315 | L743311-04 | 1/13/2015 | 0.01 | 0.0021 | 0.17 | |
| MW-20 | MW-20-011315 | L743311-05 | 1/13/2015 | 0.01 | 0.0021 | <0.010 | |
| MW-22 | MW-22-011315 | L743311-06 | 1/13/2015 | 0.01 | 0.0021 | <0.010 | |
| MW-2 | MW-2-041415 | L759403-01 | 4/14/2015 | 0.05 | 0.01 | 0.36 | |
| MW-4 | MW-4-041415 | L759403-02 | 4/14/2015 | 0.05 | 0.01 | 0.41 | |
| MW-8 | MW-8-041415 | L759403-03 | 4/14/2015 | 0.01 | 0.0021 | 0.042 | |
| MW-12 | MW-12-041415 | L759403-04 | 4/14/2015 | 0.01 | 0.0021 | 0.13 | |
| MW-17 | MW-17-041415 | L759403-05 | 4/14/2015 | 0.01 | 0.0021 | 0.016 | |
| MW-20 | MW-20-041415 | L759403-06 | 4/14/2015 | 0.01 | 0.0021 | <0.010 | |
| MW-22 | MW-22-041415 | L759403-07 | 4/14/2015 | 0.01 | 0.0021 | <0.010 | |
| MW-2 | MW-2-071515 | L777357-01 | 7/15/2015 | 0.4 | 0.0021 | 12 | |
| MW-4 | MW-4-071515 | L777357-02 | 7/15/2015 | 0.04 | 0.0021 | 0.94 | |
| MW-8 | MW-8-071515 | L777357-03 | 7/15/2015 | 0.01 | 0.0021 | 0.02 | |
| MW-12 | MW-12-071515 | L777357-04 | 7/15/2015 | 0.04 | 0.0021 | 1 | |
| MW-17 | MW-17-071515 | L777357-05 | 7/15/2015 | 0.01 | 0.0021 | 0.014 | |
| MW-20 | MW-20-071515 | L777357-06 | 7/15/2015 | 0.01 | 0.0021 | <0.010 | |
| MW-22 | MW-22-071515 | L777357-07 | 7/15/2015 | 0.01 | 0.0021 | <0.010 | |
| MW-2 | MW-2-101415 | L794742-01 | 10/14/2015 | 0.25 | | 13.7 | |
| MW-4 | MW-4-101415 | L794742-02 | 10/14/2015 | 0.25 | | 12.2 | |
| MW-8 | MW-8-101415 | L794742-03 | 10/14/2015 | 0.01 | 0.0021 | 0.11 | |
| MW-12 | MW-12-101415 | L794742-04 | 10/14/2015 | 0.01 | | 0.485 | |
| MW-17 | MW-17-101415 | L794742-05 | 10/14/2015 | 0.1 | | 3.08 | |
| MW-20 | MW-20-101415 | L794742-06 | 10/14/2015 | 0.01 | 0.0021 | <0.010 | |
| MW-22 | MW-22-101415 | L794742-07 | 10/14/2015 | 0.01 | 0.0021 | 0.0141 | |

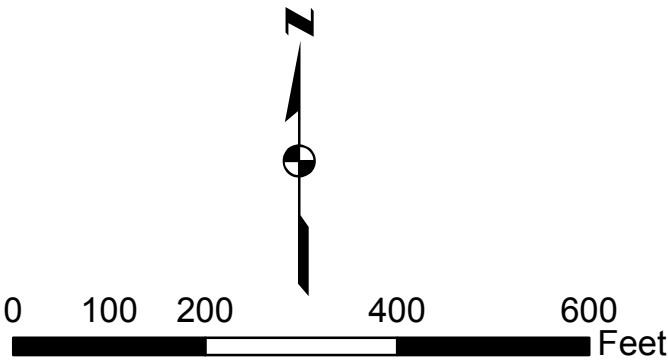
Note: No Methane Standard for Groundwater in COGCC Table 910-1

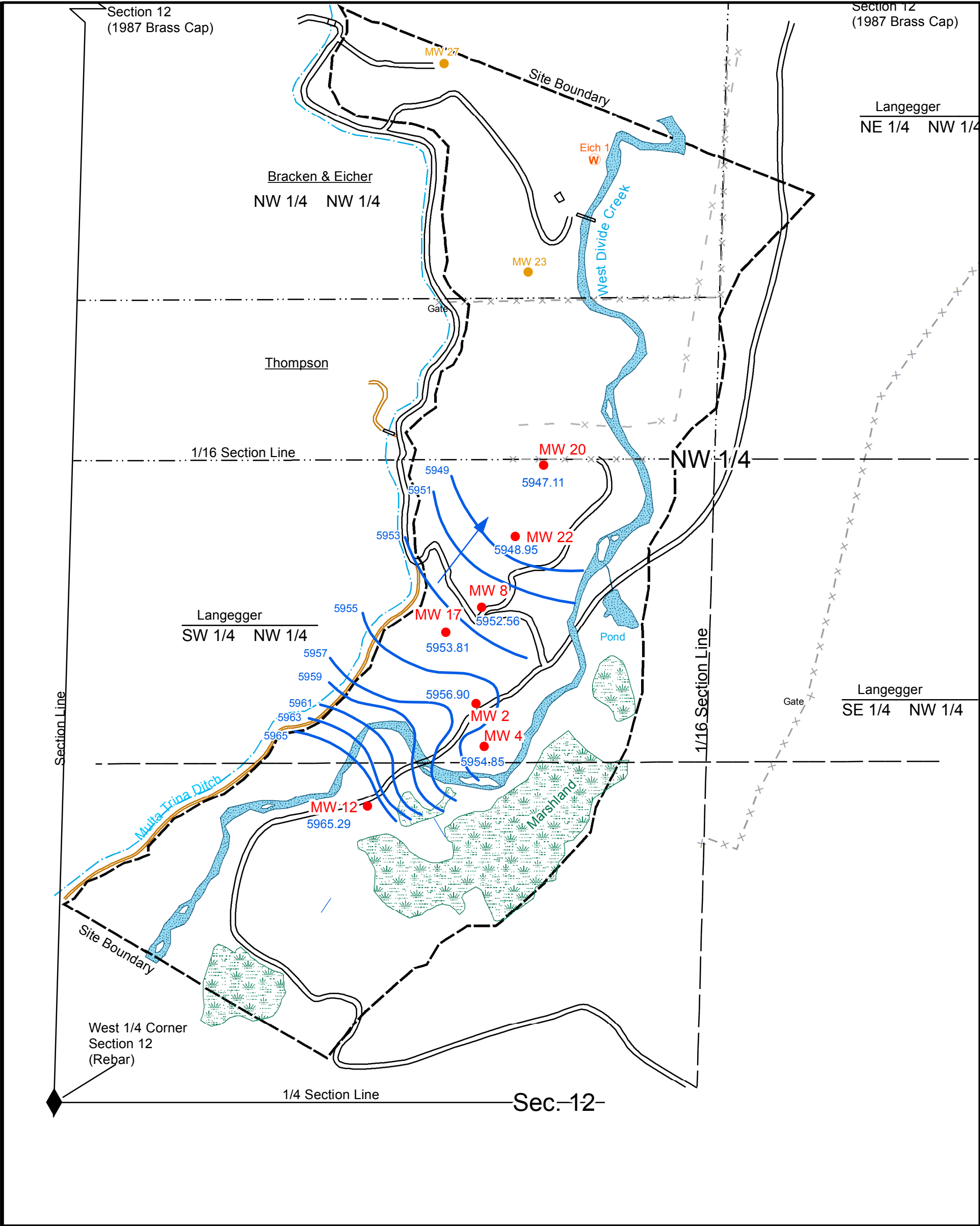
Figures



Legend

- Site Boundary
- Road
- Drainage
- x-x-x Fence
- x-x Old Fence
- .- Property Line
- Trail
- Monitoring Well Location
- Approved Monitoring Well to P/A
- ◆ Section Corners





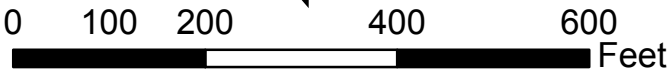
Legend

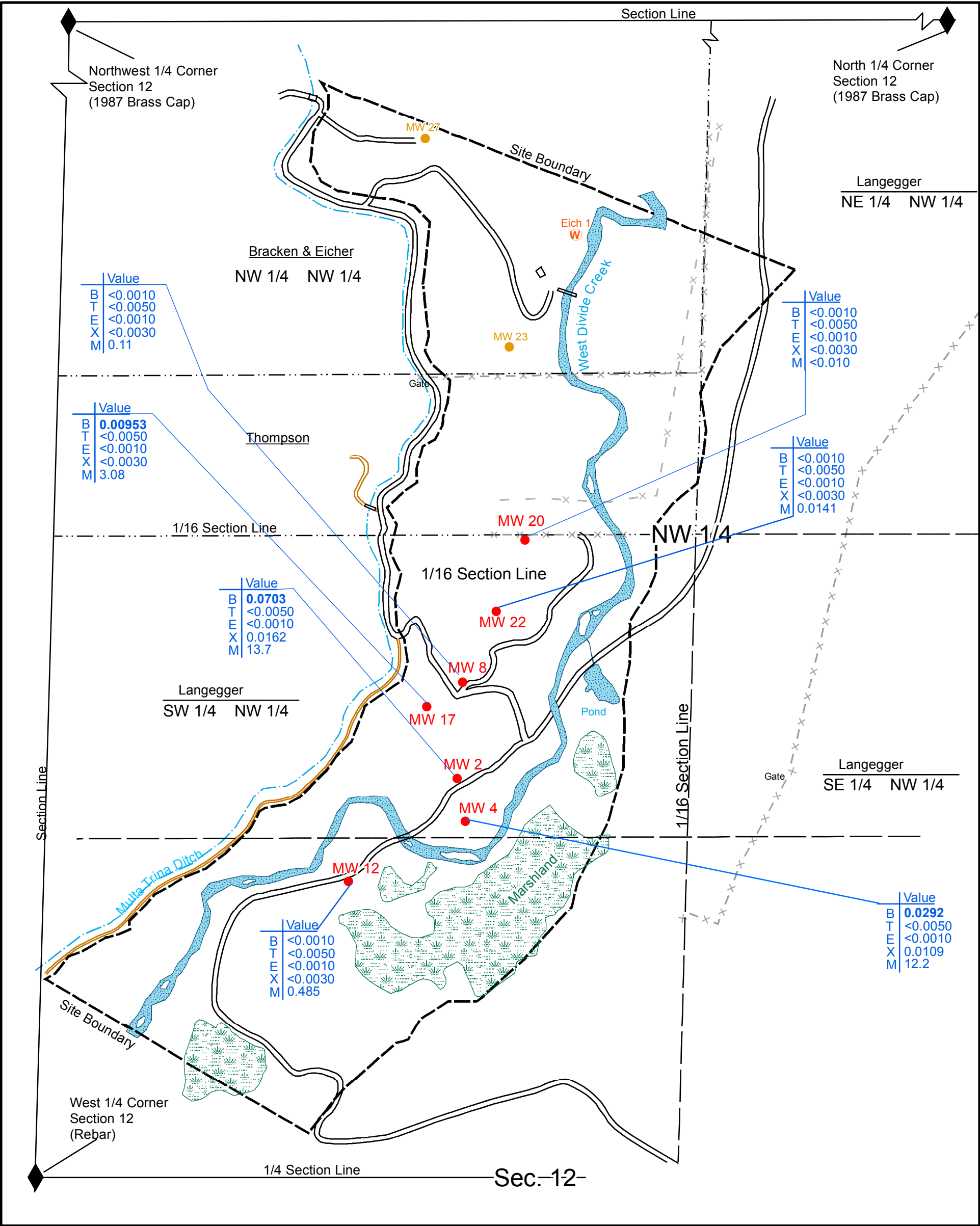
- Site Boundary
- Road
- .-.- Drainage
- × × × Fence
- ×- Old Fence
- .-.- Property Line
- Trail

- Monitoring Well Location
- Approved Monitoring Well to P/A
- ◆ Section Corners

Groundwater Legend

- 5940.00 - = Groundwater Elevation Contour (Feet)
- 5940.17 = Groundwater Elevation (Feet)
- ↑ = Flow Vector





Legend

- Site Boundary
- Road
- Drainage
- Fence
- Old Fence
- Property Line
- Trail
- Monitoring Well Location
- Approved Monitoring Well to P/A
- Section Corners

Chemical Data
 B = Benzene (mg/L)
 T = Toluene (mg/L)
 E = Ethylbenzene (mg/L)
 X = Xylenes (mg/L)
 M = Total Methane (mg/L)
 NS = Not Sampled

Rule Engineering, LLC
Solutions to Regulations for Industry

Groundwater Analytical Results
October 14, 2015

Date: 11/2/2015

EH

File:

Figure: 3

APPENDIX A

EnCana Oil & Gas - Parachute, CO

Sample Delivery Group: L794742
Samples Received: 10/15/2015
Project Number: WDC-01E
Description: West Divide Creek-Bracken Property
Site: WDC
Report To: Charles Jensen
143 Diamond Avenue
Parachute, CO 81635

Entire Report Reviewed By:



Jarred Willis

Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



| | |
|---|----|
| ¹ Cp: Cover Page | 1 |
| ² Tc: Table of Contents | 2 |
| ³ Ss: Sample Summary | 3 |
| ⁴ Cn: Case Narrative | 4 |
| ⁵ Sr: Sample Results | 5 |
| MW-2-101415 L794742-01 | 5 |
| MW-4-101415 L794742-02 | 6 |
| MW-8-101415 L794742-03 | 7 |
| MW-12-101415 L794742-04 | 8 |
| MW-17-101415 L794742-05 | 9 |
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| |
|-----------------|
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| ³ Ss |
| ⁴ Cn |
| ⁵ Sr |
| ⁶ Gl |
| ⁷ Al |
| ⁸ Sc |

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



MW-2-101415 L794742-01 GW

| | | | Collected by Chris Bak | Collected date/time 10/14/15 10:08 | Received date/time 10/15/15 09:00 |
|--|----------|----------|---------------------------|---------------------------------------|--------------------------------------|
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analysis Analyst |
| Volatile Organic Compounds (GC) by Method RSK175 | WG823415 | 1 | 10/21/15 13:09 | 10/21/15 13:09 | MBF |
| Volatile Organic Compounds (GC) by Method RSK175 | WG823415 | 25 | 10/21/15 13:44 | 10/21/15 13:44 | MBF |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG823172 | 1 | 10/21/15 15:45 | 10/21/15 15:45 | MEG |

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Gl

⁷ Al

⁸ Sc

MW-4-101415 L794742-02 GW

| | | | Collected by Chris Bak | Collected date/time 10/14/15 09:52 | Received date/time 10/15/15 09:00 |
|--|----------|----------|---------------------------|---------------------------------------|--------------------------------------|
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analysis Analyst |
| Volatile Organic Compounds (GC) by Method RSK175 | WG823415 | 1 | 10/21/15 13:23 | 10/21/15 13:23 | MBF |
| Volatile Organic Compounds (GC) by Method RSK175 | WG823415 | 25 | 10/21/15 13:50 | 10/21/15 13:50 | MBF |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG823172 | 1 | 10/21/15 16:08 | 10/21/15 16:08 | MEG |

MW-8-101415 L794742-03 GW

| | | | Collected by Chris Bak | Collected date/time 10/14/15 10:43 | Received date/time 10/15/15 09:00 |
|--|----------|----------|---------------------------|---------------------------------------|--------------------------------------|
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analysis Analyst |
| Volatile Organic Compounds (GC) by Method RSK175 | WG823415 | 1 | 10/21/15 13:25 | 10/21/15 13:25 | MBF |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG823172 | 1 | 10/21/15 16:31 | 10/21/15 16:31 | MEG |

MW-12-101415 L794742-04 GW

| | | | Collected by Chris Bak | Collected date/time 10/14/15 10:28 | Received date/time 10/15/15 09:00 |
|--|----------|----------|---------------------------|---------------------------------------|--------------------------------------|
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analysis Analyst |
| Volatile Organic Compounds (GC) by Method RSK175 | WG823415 | 1 | 10/21/15 13:28 | 10/21/15 13:28 | MBF |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG823172 | 1 | 10/21/15 16:54 | 10/21/15 16:54 | MEG |

MW-17-101415 L794742-05 GW

| | | | Collected by Chris Bak | Collected date/time 10/14/15 11:15 | Received date/time 10/15/15 09:00 |
|--|----------|----------|---------------------------|---------------------------------------|--------------------------------------|
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analysis Analyst |
| Volatile Organic Compounds (GC) by Method RSK175 | WG823415 | 1 | 10/21/15 13:31 | 10/21/15 13:31 | MBF |
| Volatile Organic Compounds (GC) by Method RSK175 | WG823415 | 10 | 10/21/15 13:52 | 10/21/15 13:52 | MBF |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG823172 | 1 | 10/21/15 17:17 | 10/21/15 17:17 | MEG |

MW-20-101415 L794742-06 GW

| | | | Collected by Chris Bak | Collected date/time 10/14/15 11:02 | Received date/time 10/15/15 09:00 |
|--|----------|----------|---------------------------|---------------------------------------|--------------------------------------|
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analysis Analyst |
| Volatile Organic Compounds (GC) by Method RSK175 | WG823415 | 1 | 10/21/15 13:33 | 10/21/15 13:33 | MBF |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG823172 | 1 | 10/21/15 17:40 | 10/21/15 17:40 | MEG |

MW-22-101415 L794742-07 GW

| | | | Collected by Chris Bak | Collected date/time 10/14/15 09:32 | Received date/time 10/15/15 09:00 |
|--|----------|----------|---------------------------|---------------------------------------|--------------------------------------|
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analysis Analyst |
| Volatile Organic Compounds (GC) by Method RSK175 | WG823415 | 1 | 10/21/15 13:36 | 10/21/15 13:36 | MBF |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG823172 | 1 | 10/21/15 18:03 | 10/21/15 18:03 | MEG |



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jarred Willis
Technical Service Representative

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Gl

⁷ Al

⁸ Sc



Volatile Organic Compounds (GC) by Method RSK175

| Analyte | Result mg/l | <u>Qualifier</u> | RDL mg/l | Dilution | Analysis date / time | Batch |
|---------|----------------|------------------|-------------|----------|-------------------------|----------|
| Methane | 13.7 | | 0.250 | 25 | 10/21/2015 13:44 | WG823415 |
| Ethane | 3.26 | | 0.325 | 25 | 10/21/2015 13:44 | WG823415 |
| Ethene | ND | | 0.0130 | 1 | 10/21/2015 13:09 | WG823415 |
| Propane | 1.12 | | 0.0190 | 1 | 10/21/2015 13:09 | WG823415 |

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Gl⁷ Al⁸ Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte | Result mg/l | <u>Qualifier</u> | RDL mg/l | Dilution | Analysis date / time | Batch |
|----------------------------|----------------|------------------|-------------|----------|-------------------------|----------|
| Benzene | 0.0703 | | 0.00100 | 1 | 10/21/2015 15:45 | WG823172 |
| Toluene | ND | | 0.00500 | 1 | 10/21/2015 15:45 | WG823172 |
| Ethylbenzene | ND | | 0.00100 | 1 | 10/21/2015 15:45 | WG823172 |
| Total Xylenes | 0.0162 | | 0.00300 | 1 | 10/21/2015 15:45 | WG823172 |
| (S) Toluene-d8 | 99.1 | | 90.0-115 | | 10/21/2015 15:45 | WG823172 |
| (S) Dibromofluoromethane | 97.0 | | 79.0-121 | | 10/21/2015 15:45 | WG823172 |
| (S) a,a,a-Trifluorotoluene | 102 | | 90.4-116 | | 10/21/2015 15:45 | WG823172 |
| (S) 4-Bromofluorobenzene | 106 | | 80.1-120 | | 10/21/2015 15:45 | WG823172 |



Volatile Organic Compounds (GC) by Method RSK175

| Analyte | Result mg/l | <u>Qualifier</u> | RDL mg/l | Dilution | Analysis date / time | Batch |
|---------|----------------|------------------|-------------|----------|-------------------------|----------|
| Methane | 12.2 | | 0.250 | 25 | 10/21/2015 13:50 | WG823415 |
| Ethane | 2.79 | | 0.325 | 25 | 10/21/2015 13:50 | WG823415 |
| Ethene | ND | | 0.0130 | 1 | 10/21/2015 13:23 | WG823415 |
| Propane | 1.15 | | 0.0190 | 1 | 10/21/2015 13:23 | WG823415 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte | Result mg/l | <u>Qualifier</u> | RDL mg/l | Dilution | Analysis date / time | Batch |
|----------------------------|----------------|------------------|-------------|----------|-------------------------|----------|
| Benzene | 0.0292 | | 0.00100 | 1 | 10/21/2015 16:08 | WG823172 |
| Toluene | ND | | 0.00500 | 1 | 10/21/2015 16:08 | WG823172 |
| Ethylbenzene | ND | | 0.00100 | 1 | 10/21/2015 16:08 | WG823172 |
| Total Xylenes | 0.0109 | | 0.00300 | 1 | 10/21/2015 16:08 | WG823172 |
| (S) Toluene-d8 | 99.3 | | 90.0-115 | | 10/21/2015 16:08 | WG823172 |
| (S) Dibromofluoromethane | 97.0 | | 79.0-121 | | 10/21/2015 16:08 | WG823172 |
| (S) a,a,a-Trifluorotoluene | 101 | | 90.4-116 | | 10/21/2015 16:08 | WG823172 |
| (S) 4-Bromofluorobenzene | 105 | | 80.1-120 | | 10/21/2015 16:08 | WG823172 |



Volatile Organic Compounds (GC) by Method RSK175

| Analyte | Result mg/l | <u>Qualifier</u> | RDL mg/l | Dilution | Analysis date / time | Batch |
|---------|----------------|------------------|-------------|----------|-------------------------|----------|
| Methane | 0.110 | | 0.0100 | 1 | 10/21/2015 13:25 | WG823415 |
| Ethane | ND | | 0.0130 | 1 | 10/21/2015 13:25 | WG823415 |
| Ethene | ND | | 0.0130 | 1 | 10/21/2015 13:25 | WG823415 |
| Propane | ND | | 0.0190 | 1 | 10/21/2015 13:25 | WG823415 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte | Result mg/l | <u>Qualifier</u> | RDL mg/l | Dilution | Analysis date / time | Batch |
|----------------------------|----------------|------------------|-------------|----------|-------------------------|----------|
| Benzene | ND | | 0.00100 | 1 | 10/21/2015 16:31 | WG823172 |
| Toluene | ND | | 0.00500 | 1 | 10/21/2015 16:31 | WG823172 |
| Ethylbenzene | ND | | 0.00100 | 1 | 10/21/2015 16:31 | WG823172 |
| Total Xylenes | ND | | 0.00300 | 1 | 10/21/2015 16:31 | WG823172 |
| (S) Toluene-d8 | 101 | | 90.0-115 | | 10/21/2015 16:31 | WG823172 |
| (S) Dibromofluoromethane | 98.0 | | 79.0-121 | | 10/21/2015 16:31 | WG823172 |
| (S) a,a,a-Trifluorotoluene | 103 | | 90.4-116 | | 10/21/2015 16:31 | WG823172 |
| (S) 4-Bromofluorobenzene | 103 | | 80.1-120 | | 10/21/2015 16:31 | WG823172 |



Volatile Organic Compounds (GC) by Method RSK175

| Analyte | Result mg/l | <u>Qualifier</u> | RDL mg/l | Dilution | Analysis date / time | Batch |
|---------|----------------|------------------|-------------|----------|-------------------------|----------|
| Methane | 0.485 | | 0.0100 | 1 | 10/21/2015 13:28 | WG823415 |
| Ethane | ND | | 0.0130 | 1 | 10/21/2015 13:28 | WG823415 |
| Ethene | ND | | 0.0130 | 1 | 10/21/2015 13:28 | WG823415 |
| Propane | ND | | 0.0190 | 1 | 10/21/2015 13:28 | WG823415 |

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Gl⁷ Al⁸ Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte | Result mg/l | <u>Qualifier</u> | RDL mg/l | Dilution | Analysis date / time | Batch |
|----------------------------|----------------|------------------|-------------|----------|-------------------------|----------|
| Benzene | ND | | 0.00100 | 1 | 10/21/2015 16:54 | WG823172 |
| Toluene | ND | | 0.00500 | 1 | 10/21/2015 16:54 | WG823172 |
| Ethylbenzene | ND | | 0.00100 | 1 | 10/21/2015 16:54 | WG823172 |
| Total Xylenes | ND | | 0.00300 | 1 | 10/21/2015 16:54 | WG823172 |
| (S) Toluene-d8 | 101 | | 90.0-115 | | 10/21/2015 16:54 | WG823172 |
| (S) Dibromofluoromethane | 96.7 | | 79.0-121 | | 10/21/2015 16:54 | WG823172 |
| (S) a,a,a-Trifluorotoluene | 103 | | 90.4-116 | | 10/21/2015 16:54 | WG823172 |
| (S) 4-Bromofluorobenzene | 104 | | 80.1-120 | | 10/21/2015 16:54 | WG823172 |



Volatile Organic Compounds (GC) by Method RSK175

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|---------|----------------|-----------|-------------|----------|-------------------------|----------|
| Methane | 3.08 | | 0.100 | 10 | 10/21/2015 13:52 | WG823415 |
| Ethane | 0.664 | | 0.0130 | 1 | 10/21/2015 13:31 | WG823415 |
| Ethene | ND | | 0.0130 | 1 | 10/21/2015 13:31 | WG823415 |
| Propane | ND | | 0.0190 | 1 | 10/21/2015 13:31 | WG823415 |

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Gl⁷ Al⁸ Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|----------------------------|----------------|-----------|-------------|----------|-------------------------|----------|
| Benzene | 0.00953 | | 0.00100 | 1 | 10/21/2015 17:17 | WG823172 |
| Toluene | ND | | 0.00500 | 1 | 10/21/2015 17:17 | WG823172 |
| Ethylbenzene | ND | | 0.00100 | 1 | 10/21/2015 17:17 | WG823172 |
| Total Xylenes | ND | | 0.00300 | 1 | 10/21/2015 17:17 | WG823172 |
| (S) Toluene-d8 | 101 | | 90.0-115 | | 10/21/2015 17:17 | WG823172 |
| (S) Dibromofluoromethane | 97.6 | | 79.0-121 | | 10/21/2015 17:17 | WG823172 |
| (S) a,a,a-Trifluorotoluene | 103 | | 90.4-116 | | 10/21/2015 17:17 | WG823172 |
| (S) 4-Bromofluorobenzene | 105 | | 80.1-120 | | 10/21/2015 17:17 | WG823172 |



Volatile Organic Compounds (GC) by Method RSK175

| Analyte | Result mg/l | <u>Qualifier</u> | RDL mg/l | Dilution | Analysis date / time | Batch |
|---------|----------------|------------------|-------------|----------|-------------------------|----------|
| Methane | ND | | 0.0100 | 1 | 10/21/2015 13:33 | WG823415 |
| Ethane | ND | | 0.0130 | 1 | 10/21/2015 13:33 | WG823415 |
| Ethene | ND | | 0.0130 | 1 | 10/21/2015 13:33 | WG823415 |
| Propane | ND | | 0.0190 | 1 | 10/21/2015 13:33 | WG823415 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte | Result mg/l | <u>Qualifier</u> | RDL mg/l | Dilution | Analysis date / time | Batch |
|----------------------------|----------------|------------------|-------------|----------|-------------------------|----------|
| Benzene | ND | | 0.00100 | 1 | 10/21/2015 17:40 | WG823172 |
| Toluene | ND | | 0.00500 | 1 | 10/21/2015 17:40 | WG823172 |
| Ethylbenzene | ND | | 0.00100 | 1 | 10/21/2015 17:40 | WG823172 |
| Total Xylenes | ND | | 0.00300 | 1 | 10/21/2015 17:40 | WG823172 |
| (S) Toluene-d8 | 100 | | 90.0-115 | | 10/21/2015 17:40 | WG823172 |
| (S) Dibromofluoromethane | 98.6 | | 79.0-121 | | 10/21/2015 17:40 | WG823172 |
| (S) a,a,a-Trifluorotoluene | 102 | | 90.4-116 | | 10/21/2015 17:40 | WG823172 |
| (S) 4-Bromofluorobenzene | 103 | | 80.1-120 | | 10/21/2015 17:40 | WG823172 |



Volatile Organic Compounds (GC) by Method RSK175

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|---------|----------------|-----------|-------------|----------|-------------------------|----------|
| Methane | 0.0141 | | 0.0100 | 1 | 10/21/2015 13:36 | WG823415 |
| Ethane | ND | | 0.0130 | 1 | 10/21/2015 13:36 | WG823415 |
| Ethene | ND | | 0.0130 | 1 | 10/21/2015 13:36 | WG823415 |
| Propane | ND | | 0.0190 | 1 | 10/21/2015 13:36 | WG823415 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Gl

7 Al

8 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|----------------------------|----------------|-----------|-------------|----------|-------------------------|----------|
| Benzene | ND | | 0.00100 | 1 | 10/21/2015 18:03 | WG823172 |
| Toluene | ND | | 0.00500 | 1 | 10/21/2015 18:03 | WG823172 |
| Ethylbenzene | ND | | 0.00100 | 1 | 10/21/2015 18:03 | WG823172 |
| Total Xylenes | ND | | 0.00300 | 1 | 10/21/2015 18:03 | WG823172 |
| (S) Toluene-d8 | 99.7 | | 90.0-115 | | 10/21/2015 18:03 | WG823172 |
| (S) Dibromofluoromethane | 98.0 | | 79.0-121 | | 10/21/2015 18:03 | WG823172 |
| (S) a,a,a-Trifluorotoluene | 102 | | 90.4-116 | | 10/21/2015 18:03 | WG823172 |
| (S) 4-Bromofluorobenzene | 105 | | 80.1-120 | | 10/21/2015 18:03 | WG823172 |



Abbreviations and Definitions

| | |
|-----------------|--|
| SDG | Sample Delivery Group. |
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| ND,U | Not detected at the Reporting Limit (or MDL where applicable). |
| RPD | Relative Percent Difference. |
| (dry) | Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils]. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| (S) | Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media. |
| Rec. | Recovery. |
| SDL | Sample Detection Limit. |
| MQL | Method Quantitation Limit. |
| Unadj. MQL | Unadjusted Method Quantitation Limit. |

| Qualifier | Description |
|-----------|-------------|
|-----------|-------------|

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Gl⁷ Al⁸ Sc



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.

State Accreditations

| | | | |
|-----------------------|-------------|-----------------------------|-------------------|
| Alabama | 40660 | Nevada | TN-03-2002-34 |
| Alaska | UST-080 | New Hampshire | 2975 |
| Arizona | AZ0612 | New Jersey–NELAP | TN002 |
| Arkansas | 88-0469 | New Mexico | TN00003 |
| California | 01157CA | New York | 11742 |
| Colorado | TN00003 | North Carolina | Env375 |
| Connecticut | PH-0197 | North Carolina ¹ | DW21704 |
| Florida | E87487 | North Carolina ² | 41 |
| Georgia | NELAP | North Dakota | R-140 |
| Georgia ¹ | 923 | Ohio–VAP | CL0069 |
| Idaho | TN00003 | Oklahoma | 9915 |
| Illinois | 200008 | Oregon | TN200002 |
| Indiana | C-TN-01 | Pennsylvania | 68-02979 |
| Iowa | 364 | Rhode Island | 221 |
| Kansas | E-10277 | South Carolina | 84004 |
| Kentucky ¹ | 90010 | South Dakota | n/a |
| Kentucky ² | 16 | Tennessee ¹⁴ | 2006 |
| Louisiana | AI30792 | Texas | T 104704245-07-TX |
| Maine | TN0002 | Texas ⁵ | LAB0152 |
| Maryland | 324 | Utah | 6157585858 |
| Massachusetts | M-TN003 | Vermont | VT2006 |
| Michigan | 9958 | Virginia | 109 |
| Minnesota | 047-999-395 | Washington | C1915 |
| Mississippi | TN00003 | West Virginia | 233 |
| Missouri | 340 | Wisconsin | 9980939910 |
| Montana | CERT0086 | Wyoming | A2LA |
| Nebraska | NE-OS-15-05 | | |

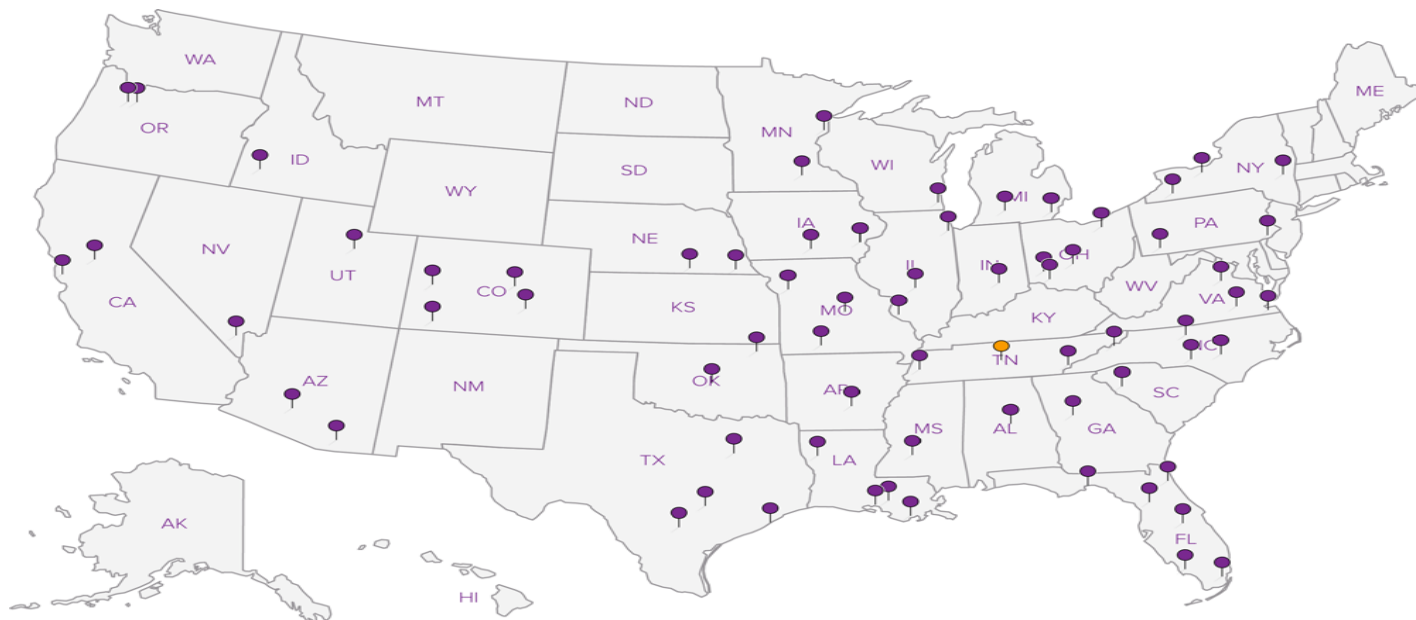
¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ^{n/a} Accreditation not applicable

Third Party & Federal Accreditations

| | | | |
|------------------|---------|------|---------|
| A2LA – ISO 17025 | 1461.01 | AIHA | 100789 |
| Canada | 1461.01 | DOD | 1461.01 |
| EPA–Crypto | TN00003 | USDA | S-67674 |

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Company Name/Address:

Encana

143 Diamond Ave
Parachute, CO 81635
ENCRCO - ENCRCO-RULEENG

Billing Information:

Charles Jensen
143 Diamond Ave
Parachute, CO 81635
970-285-2735

Report to:

Charles Jensen

Email To:

charles.jensen@encana.com

Project

Description: **West Divide Creek-Quarterly**

City/State

Collected: **CO**

Phone:

Fax: **970-285-2735**

Client Project #

WDC-O1E

Lab Project #

ENCRCO-RULEENG

Collected by (print):

Chris Bak

Site/Facility ID #

WDC

P.O. #

Collected by (signature):

**Rush?** (Lab MUST Be Notified)

___ Same Day200%

___ Next Day100%

___ Two Day50%

___ Three Day25%

Date Results Needed

Email? ___ No ☒ YesFAX? ☒ No ___ YesNo.
of
Cntrs

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

MW-2-101415

Grab

GW

NA**10/14/15****1008**

6

BTEx (8260)

CH4

MW-4-101415

Grab

GW

NA**10/14/15****0952**

6

MW-8-101415

Grab

GW

NA**10/14/15****1043**

6

MW-12-101415

Grab

GW

NA**10/14/15****1028**

6

MW-17-101415

Grab

GW

NA**10/14/15****1115**

6

MW-20-101415

Grab

GW

NA**10/14/15****1142**

6

MW-22-101415

Grab

GW

NA**10/14/15****0932**

6

* Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other _____

pH _____ Temp _____

Remarks:

Relinquished by: (Signature)

Date:

10/19/15

Time:

1700

Received by: (Signature)

Received by: (Signature)

Received for lab by: (Signature)

Samples returned via: ☐ UPS☒ FedEx ☐ Courier ☐ _____Temp: **3.8** °C Bottles Received:**42**Date: **10/15/15** Time: **0900**

Hold #

Condition: **75** (lab use only)

COC Seal Intact: ___ Y ___ N ___ NA

pH Checked: _____ NCF: _____

Chain of Custody Page **1** of **1**

ESC
LAB SCIENCES

YOUR LAB OF CHOICE

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# **1794762****A098**

Acctnum:

Template:

Prelogin:

TSR:

Cooler:

Shipped Via:

Rem./Contaminant Sample # (lab only)

-01**02****03****04****05****06****07**

Appendix B

(Electronic Attachment)