



Water Analysis
7/22/2014

API#05-123-34142

| Location | Sample Date | pH | CO2T | H2ST | Chloride | Conductivity | Alk T | Sulfate | Phosphorus | Silica | Silicon | Sodium | Calcium | Magnesium | Barium | Strontium | Manganese | Fe | Potassium | Zinc | Total Hardness | TDS | Specific Gravity | Anion/Cation Ratio | Density |
|--------------------------------|-------------|-----|------|------|----------|--------------|--------|---------|------------|--------|---------|----------|---------|-----------|--------|-----------|-----------|--------|-----------|-------|----------------|----------|------------------|--------------------|---------|
| ADAMS 41-10H | 6/9/14 | 6.3 | 40 | 0.7 | 15282.89 | 30.21 | 130.00 | 3.90 | 0.15 | 86.37 | 40.36 | 9231.99 | 410.09 | 55.34 | 45.92 | 68.16 | 0.29 | 22.33 | 55.14 | 0.23 | 1364.37 | 25392.65 | 1.02 | 1.01 | 8.48 |
| ANDERSON 31-10H | 6/9/14 | 6.3 | 40 | 0.7 | 19383.33 | 32.85 | 110.00 | 2.18 | 0.22 | 32.44 | 15.16 | 11060.00 | 588.82 | 76.12 | 69.28 | 93.69 | 0.29 | 18.52 | 62.43 | 0.14 | 1942.90 | 31497.22 | 1.02 | 1.05 | 8.51 |
| BROWN 13-2H | 6/9/14 | 6.3 | 35 | 1.3 | 16738.91 | 46.44 | 165.00 | 0.00 | 0.13 | 43.72 | 20.43 | 10120.96 | 379.47 | 57.50 | 54.20 | 63.95 | 0.27 | 22.24 | 61.54 | 0.11 | 1297.94 | 27707.88 | 1.02 | 1.01 | 8.49 |
| BROWN 2F-202 | 6/9/14 | 6.5 | 33 | 0.8 | 13440.62 | 30.05 | 140.00 | 15.33 | 0.00 | 67.40 | 31.50 | 8727.28 | 307.21 | 46.15 | 28.60 | 46.86 | 1.09 | 86.51 | 43.75 | 0.28 | 1032.41 | 22951.08 | 1.02 | 0.94 | 8.47 |
| BROWN 2F-412 | 6/9/14 | 6.5 | 35 | 0.8 | 18743.09 | 23.94 | 130.00 | 16.05 | 0.00 | 40.36 | 18.86 | 11690.84 | 588.26 | 75.64 | 27.26 | 93.90 | 0.96 | 71.63 | 61.47 | 0.21 | 1909.18 | 31539.67 | 1.02 | 0.96 | 8.51 |
| BROWN 2G-212 | 6/9/14 | 6.4 | 40 | 0.8 | 17432.65 | 40.88 | 150.00 | 0.00 | 0.00 | 73.11 | 34.17 | 10840.47 | 439.33 | 63.46 | 48.98 | 72.44 | 0.51 | 47.58 | 54.64 | 0.00 | 1478.00 | 29223.17 | 1.02 | 0.98 | 8.50 |
| CARMICHAEL 26M-223 | 6/9/14 | 6.3 | 45 | 0.5 | 20273.69 | 54.33 | 170.00 | 5.36 | 0.00 | 46.04 | 21.51 | 12409.57 | 545.57 | 79.87 | 56.65 | 94.01 | 0.37 | 31.66 | 45.94 | 0.08 | 1841.39 | 33758.81 | 1.02 | 0.99 | 8.53 |
| CARMICHAEL 26R-203 | 6/9/14 | 6.0 | 44 | 0.5 | 13619.41 | 39.25 | 125.00 | 51.69 | 44.75 | 21.18 | 9.90 | 8262.36 | 339.96 | 71.37 | 3.21 | 53.83 | 1.47 | 113.65 | 47.11 | 0.26 | 1207.67 | 22710.49 | 1.02 | 1.00 | 8.47 |
| CECIL 31-26H | 6/9/14 | 7.1 | 45 | 0.6 | 18386.42 | 48.47 | 382.00 | 0.00 | 0.16 | 55.41 | 25.89 | 10827.70 | 420.78 | 60.13 | 65.88 | 71.94 | 0.18 | 14.78 | 57.67 | 0.05 | 1429.67 | 30342.95 | 1.02 | 1.05 | 8.51 |
| CERVI 13-31H | 6/9/14 | 6.2 | 45 | 0.7 | 11742.37 | 27.28 | 100.00 | 0.00 | 0.16 | 36.99 | 17.28 | 6956.49 | 388.29 | 46.47 | 31.36 | 59.38 | 0.44 | 29.81 | 49.40 | 0.10 | 1252.72 | 19441.11 | 1.01 | 1.01 | 8.45 |
| COORS ENERGY 14-25H | 6/9/14 | 6.3 | 30 | 0.5 | 16146.99 | 31.27 | 150.00 | 0.00 | 0.11 | 57.05 | 26.66 | 9803.36 | 350.77 | 50.81 | 54.30 | 60.01 | 0.12 | 10.89 | 55.87 | 0.15 | 1194.22 | 26740.33 | 1.02 | 1.01 | 8.49 |
| DIANA 6T-321 | 6/9/14 | 6.3 | 1 | 6.3 | 17866.10 | 44.64 | 70.00 | 6.13 | 0.00 | 77.09 | 36.02 | 10820.94 | 701.37 | 91.78 | 33.46 | 102.18 | 1.70 | 122.67 | 56.04 | 0.00 | 2272.43 | 29949.46 | 1.02 | 0.97 | 8.51 |
| DILLARD 20R-303 | 6/9/14 | 6.5 | 55 | 2.3 | 16958.73 | 33.97 | 250.00 | 9.26 | 0.00 | 80.25 | 37.50 | 10682.64 | 527.34 | 68.26 | 36.92 | 78.81 | 1.95 | 130.96 | 60.96 | 0.24 | 1716.32 | 28886.33 | 1.02 | 0.96 | 8.50 |
| DILLARD 20T-221 | 6/9/14 | 6.3 | 45 | 1.9 | 16508.89 | 43.60 | 200.00 | 0.00 | 0.00 | 90.07 | 42.09 | 10211.95 | 409.05 | 56.56 | 47.85 | 63.31 | 0.22 | 18.96 | 50.43 | 0.22 | 1362.66 | 27657.51 | 1.02 | 0.99 | 8.49 |
| DILLARD 20Y-401 | 6/9/14 | 6.4 | 50 | 2.0 | 17201.32 | 44.05 | 225.00 | 0.00 | 0.00 | 89.10 | 41.64 | 11049.90 | 589.64 | 73.68 | 27.00 | 89.32 | 0.43 | 26.93 | 54.18 | 0.22 | 1899.17 | 29426.73 | 1.02 | 0.94 | 8.50 |
| GREEN 13-24H | 6/9/14 | 6.2 | 25 | 0.5 | 21665.53 | 55.45 | 135.00 | 0.00 | 0.15 | 68.90 | 32.20 | 13060.44 | 608.33 | 88.48 | 78.87 | 101.64 | 0.17 | 14.70 | 56.83 | 0.11 | 2058.63 | 35879.01 | 1.02 | 1.00 | 8.54 |
| LASALLE 25F-332 | 6/9/14 | 7.0 | 120 | 1.7 | 10074.22 | 25.26 | 300.00 | 26.28 | 0.00 | 110.09 | 51.45 | 6567.08 | 374.99 | 42.18 | 12.76 | 50.38 | 0.52 | 39.18 | 41.24 | 0.45 | 1178.00 | 17639.38 | 1.01 | 0.93 | 8.44 |
| LASALLE 25G-402 | 6/9/14 | 6.8 | 130 | 1.3 | 6790.57 | 16.03 | 350.00 | 41.48 | 0.00 | 75.79 | 35.41 | 4582.24 | 296.98 | 34.63 | 5.14 | 35.05 | 1.73 | 137.34 | 32.03 | 0.25 | 928.80 | 12383.23 | 1.01 | 0.89 | 8.41 |
| LEFFLER 14-1H | 6/9/14 | 6.2 | 50 | 0.5 | 17764.51 | 46.07 | 100.00 | 0.00 | 0.11 | 66.21 | 30.94 | 10787.55 | 567.81 | 75.63 | 61.89 | 91.02 | 0.53 | 50.97 | 53.52 | 0.08 | 1879.92 | 29619.72 | 1.02 | 0.99 | 8.50 |
| LEFFLER 24-1H | 6/9/14 | 6.3 | 45 | 0.5 | 18322.79 | 32.23 | 115.00 | 0.00 | 0.00 | 44.12 | 20.62 | 10603.30 | 907.38 | 105.59 | 29.49 | 131.81 | 1.42 | 107.82 | 59.90 | 0.46 | 2875.21 | 30429.08 | 1.02 | 0.99 | 8.51 |
| MAGNUSEN 23I-421 | 6/9/14 | 6.0 | 50 | 0.5 | 22688.46 | 55.34 | 115.00 | 0.00 | 0.00 | 66.25 | 30.96 | 12454.67 | 1062.19 | 117.07 | 37.16 | 169.35 | 0.79 | 48.30 | 72.79 | 0.00 | 3357.90 | 36832.02 | 1.03 | 1.05 | 8.54 |
| O INVESTMENT PROPERTIES 6T-421 | 5/9/14 | 6.5 | 50 | 1.3 | 12990.86 | 23.01 | 240.00 | 32.28 | 0.22 | 87.67 | 40.97 | 7391.38 | 425.58 | 47.52 | 9.39 | 56.73 | 1.97 | 166.21 | 30.52 | -0.04 | 1331.23 | 21480.06 | 1.02 | 1.05 | 8.46 |
| O INVESTMENT PROPERTIES 6T-421 | 6/9/14 | 6.5 | 50 | 1.3 | 12853.17 | 37.05 | 240.00 | 26.01 | 0.00 | 84.81 | 39.63 | 8036.16 | 439.87 | 50.39 | 10.31 | 61.01 | 1.99 | 149.40 | 47.99 | 0.00 | 1384.33 | 22001.10 | 1.02 | 0.96 | 8.46 |
| O INVESTMENT PROPERTIES 6Y-241 | 6/9/14 | 6.5 | 50 | 1.3 | 15634.19 | 40.88 | 240.00 | 0.00 | 0.00 | 95.42 | 44.59 | 9875.66 | 469.60 | 62.80 | 40.98 | 70.64 | 1.40 | 122.92 | 50.45 | 0.29 | 1543.09 | 26664.36 | 1.02 | 0.95 | 8.49 |
| ROTHARMEL 11-32H | 6/9/14 | 6.3 | 45 | 0.7 | 20915.24 | 38.57 | 120.00 | 0.00 | 0.17 | 71.65 | 33.48 | 12224.08 | 603.14 | 84.01 | 77.66 | 98.61 | 0.29 | 21.94 | 65.18 | 0.52 | 2022.90 | 34282.32 | 1.02 | 1.03 | 8.53 |
| SCHAEFER 10J-203 | 6/9/14 | 6.0 | 50 | 0.7 | 14703.65 | 30.37 | 100.00 | 4.86 | 0.17 | 66.82 | 31.22 | 8829.27 | 345.91 | 50.69 | 39.71 | 55.47 | 0.61 | 52.20 | 46.25 | 0.08 | 1165.74 | 24295.51 | 1.02 | 1.02 | 8.47 |
| SCHAEFER 10J-403 | 6/9/14 | 6.2 | 42 | 0.8 | 15975.30 | 41.72 | 200.00 | 0.00 | 0.00 | 73.62 | 34.40 | 10087.02 | 515.58 | 62.35 | 14.83 | 76.46 | 1.01 | 68.15 | 51.42 | 0.00 | 1643.79 | 27125.75 | 1.02 | 0.96 | 8.49 |
| SIMONSEN 12E-223 | 6/9/14 | 6.3 | 45 | 0.6 | 17851.31 | 46.37 | 105.00 | 5.96 | 1.85 | 108.24 | 50.58 | 10154.80 | 940.52 | 101.77 | 29.38 | 140.58 | 0.79 | 36.81 | 58.05 | 2.81 | 2952.26 | 29536.03 | 1.02 | 1.00 | 8.50 |
| SIMONSEN 12E-223 | 6/9/14 | 6.4 | 45 | 0.7 | 12792.93 | 35.34 | 110.00 | 0.00 | 0.00 | 42.36 | 19.80 | 7830.93 | 574.38 | 73.26 | 33.74 | 87.50 | 1.02 | 54.81 | 41.72 | 0.00 | 1862.08 | 21642.64 | 1.02 | 0.95 | 8.46 |
| SPAUR 31V-404 | 6/9/14 | 6.3 | 35 | 0.7 | 19543.53 | 34.46 | 150.00 | 6.83 | 0.00 | 74.49 | 34.81 | 11717.35 | 686.50 | 81.76 | 27.21 | 106.18 | 1.03 | 101.34 | 59.57 | 0.00 | 2193.93 | 32555.79 | 1.02 | 0.99 | 8.52 |
| STILLE 12-6H | 6/9/14 | 6.0 | 50 | 0.6 | 10407.78 | 28.61 | 105.00 | 0.00 | 0.12 | 14.22 | 6.65 | 6218.79 | 326.47 | 41.01 | 33.79 | 51.24 | 0.75 | 60.88 | 34.85 | 0.08 | 1068.16 | 17294.87 | 1.01 | 1.00 | 8.44 |
| TRACY 31-23 | 6/9/14 | 6.4 | 50 | 0.5 | 21895.07 | 39.63 | 115.00 | 0.00 | 0.14 | 79.61 | 37.20 | 13134.26 | 773.97 | 103.00 | 71.13 | 126.82 | 0.80 | 70.12 | 55.49 | 0.37 | 2555.64 | 36425.65 | 1.02 | 0.99 | 8.54 |
| WASTE MANAGEMENT 2I-221 | 6/9/14 | 6.3 | 45 | 1.2 | 14843.05 | 31.14 | 140.00 | 6.23 | 0.00 | 52.31 | 24.44 | 9456.45 | 304.49 | 45.36 | 41.27 | 48.94 | 0.67 | 22.35 | 45.60 | 0.00 | 1033.96 | 25006.71 | 1.02 | 0.97 | 8.48 |
| WASTE MANAGEMENT 2Q-401 | 6/9/14 | 6.0 | 38 | 0.8 | 17309.20 | 34.26 | 100.00 | 6.26 | 0.00 | 54.86 | 25.63 | 10263.09 | 663.68 | 75.29 | 18.43 | 99.08 | 0.73 | 42.07 | 62.85 | 0.83 | 2095.77 | 28696.37 | 1.02 | 1.00 | 8.50 |
| WASTE MANAGEMENT 2T-221 | 6/9/14 | 6.3 | 40 | 0.8 | 13958.19 | 39.18 | 200.00 | 0.00 | 0.00 | 77.05 | 36.01 | 8936.34 | 266.97 | 40.67 | 39.73 | 43.40 | 0.55 | 42.64 | 42.82 | 0.24 | 913.37 | 23648.59 | 1.02 | 0.97 | 8.47 |
| WILSON 24-30H | 6/9/14 | 6.3 | 45 | 0.5 | 18209.57 | 35.69 | 170.00 | 3.01 | 0.21 | 53.73 | 25.11 | 10748.39 | 495.85 | 80.31 | 25.74 | 74.72 | 0.25 | 19.14 | 43.39 | 0.34 | 1674.45 | 29924.45 | 1.02 | 1.03 | 8.51 |

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