

[CO Anions and General Water Quality Parameters May 1 2013](#)
[CO CDPHE Table A Groundwater Chemical Std Jan 31 2013](#)

| <div>CO Anions and General Water Quality Parameters May 1 2013</div> <div>CO CDPHE Table A Groundwater Chemical Std Jan 31 2013</div> | | | | | Inorganics (mg/L) | | | | | | | | | | | | | |
|---|--------------|-----------------------------|-------------------|---|---|----------|----------|---------|----------|---------------|---------|--------------|----------------------|-----------|--------------|----------------|------------------|-------------------|
| | | | | | Volatile Organic Compounds (GC/MS) by Method 8260B (mg/L) | | | | | | | | | | | | | |
| | | | | | 0.001 | | | | | | | | | | | | | |
| | | | | | 6.3 | 0.0035 | 0.000065 | 0.005 | 0.056 | 0.00056 | 0.004 | | | | | | | |
| Location | Sample Date: | Sample Id | Latitude (WGS 84) | Sample Matrix (Groundwater, Stream, Spring, Monitoring Well) | TDS (1.25 x Background) Gravimetric Analysis (Method 2540 C-2011) | Chloride | Sulfate | Acetone | Acrolein | Acrylonitrile | Benzene | Bromobenzene | Bromodichloromethane | Bromoform | Bromomethane | n-Butylbenzene | sec-Butylbenzene | tert-Butylbenzene |
| ENPRESS | 06/21/2016 | 20160621-ESS | | Spring | 748 | 9.01 | 210 | <50.0 | <50.0 | <10.0 | 3.63 | <1.0 | <1.0 | <1.0 | <5.0 | <1.0 | <1.0 | <1.0 |
| ENPRESS | 06/14/2016 | 20160614-ENPRWSS | | Spring | 673 | 18.2 | 219 | | | | 2.06 | | | | | | | |
| MW-CROSSING | 06/27/2016 | 20160627-A27GWCROSSING 20FT | | Groundwater | 773 | 21.2 | 259 | <0.05 | <0.05 | <0.01 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| MW-N01 | 06/28/2016 | 20160628-A27(GW-N01)D19FT | | Groundwater | 821 | 10.4 | 233 | <0.050 | <0.050 | <0.010 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| MW-N02 | 06/28/2016 | 20160628-A27(GW-N02)W23.5FT | | Groundwater | 2170 | 17.4 | 195 | <0.050 | <0.050 | <0.010 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| MW-S02 | 06/29/2016 | 20160629-A27(GW-S02)W42FT | | Groundwater | 665 | 30.4 | 175 | <5.0 | <5.0 | <1.0 | 4.02 | <0.10 | <0.10 | <0.10 | <0.50 | <0.10 | <0.10 | <0.10 |
| MW-S03 | 07/06/2016 | 20160706-A27 -SWM03 | | Groundwater | | | | <100 | <100 | <20 | 5.03 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 |
| MW-S03 | 06/29/2016 | 20160629-A27(GW-S03)W31FT | | Groundwater | 736 | 42 | 183 | <50.0 | <50.0 | <10.0 | 1950 | <1.0 | <1.0 | <1.0 | <5.0 | 117 | 78.5 | 16.3 |
| MW-S03W | 07/01/2016 | 20160630-A27(GW-S03W) | | Groundwater | 590 | 42.6 | 17.2 | <50.0 | <50.0 | <10.0 | 9.65 | <1.0 | <1.0 | <1.0 | <5.0 | 1.37 | 1.25 | <1.0 |
| MW-S04 | 06/29/2016 | 20160629-A27(GW-S04) 25 FT | | Groundwater | 436 | 40.2 | 148 | <50.0 | <50.0 | <10.0 | 8.26 | <1.0 | <1.0 | <1.0 | <5.00 | <1.0 | <1.0 | <1.0 |
| MW-S05 | 06/30/2016 | 20160630-A27(GW-S05) | | Groundwater | 608 | 101 | 140 | <50.0 | <50.0 | <10.0 | 11.4 | <1.0 | <1.0 | <1.0 | <5.0 | <1.0 | <1.0 | <1.0 |
| MW-S06 | 07/06/2016 | 20160706-A27 -SWM06 | | Groundwater | | | | <0.05 | <0.05 | <0.01 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| MW-S06 | 06/30/2016 | 20160630-A27(GW-S06) | | Groundwater | 490 | 6.78 | 13.4 | <0.050 | <0.050 | <0.10 | 0.00808 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| MW-SW01 | 06/30/2016 | 20160630-A27(GW-SW01) | | Groundwater | 1420 | 1700 | 258 | <50.0 | <50.0 | <10.0 | 8.02 | <1.0 | <1.0 | <1.0 | <5.0 | <1.0 | <1.0 | <1.0 |
| MW-SW01 | 06/28/2016 | 20160628-A27(GW-S01)W 25 | | Groundwater | 704 | 11.8 | 189 | <25.0 | <25.0 | <5.0 | 1.5 | <0.500 | <0.500 | <0.500 | <2.50 | 2.23 | 1.2 | <0.500 |
| OWS EFF | 07/11/2016 | 20160711-A27 OWS EFF | | OWS | | | | <50 | <50 | <10 | 1.22 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| OWS EFF | 07/05/2016 | 20160705-A27 OWS EFF | | OWS | | | | <12.5 | <12.5 | <2.5 | 1.6 | <0.25 | <0.25 | <0.25 | <1.25 | <0.25 | <0.25 | <0.25 |
| OWS INF | 07/11/2016 | 20160711-A27 OWS INF | | OWS | | | | <50 | <50 | <10 | 1.02 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| OWS INF | 07/05/2016 | 20160705-A27 OWS INF | | OWS | | | | <25 | <25 | <5 | 1.16 | <0.5 | <0.5 | <0.5 | <2.5 | <0.5 | <0.5 | <0.5 |
| POND OUTLET | 07/11/2016 | 20160711-A27 POND OUT | | Pond | | | | <0.05 | <0.05 | <0.01 | 0.00267 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| POND OUTLET | 07/07/2016 | 20160707-A27 POND OUTLET | | Pond | | | | <0.5 | <0.5 | <0.1 | 0.0297 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| POND OUTLET | 07/05/2016 | 20160705-A27-POND OUTLET | | Pond | 991 | 9.61 | 225 | <0.05 | <0.05 | <0.01 | 0.0225 | <0.001 | <0.001 | <0.001 | <0.005 | 0.00143 | 0.00126 | <0.001 |
| POND OUTLET | 06/21/2016 | 20160621-POND OUTLET | | Pond | 1020 | 9.33 | 229 | | | | <0.001 | | | | | | | |
| POND OUTLET | 06/14/2016 | 20160614-PONDOUTLET | | Pond | 1050 | 9.95 | 438 | | | | <0.001 | | | | | | | |
| Road Crossing | 07/11/2016 | 20160711-A27 ROAD CROSSING | | Drainage | | | | <0.05 | <0.05 | <0.01 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| Road Crossing | 07/07/2016 | 20160707-A27 ROAD CROSSING | | Drainage | | | | <0.05 | <0.05 | <0.01 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| Road Crossing | 07/05/2016 | 20160705-A27 ROAD CROSSING | | Drainage | | | | <0.05 | <0.05 | <0.01 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | 0.00105 | <0.001 | <0.001 |
| Road Crossing | 06/21/2016 | 20160621-CROSSING | | Drainage | 812 | 7.92 | 235 | | | | <0.001 | | | | | | | |
| SEEP 1 CREEK | 06/21/2016 | 20160621-SEEP 1 CRK | | Drainage | 744 | 8.38 | 208 | | | | 0.288 | | | | | | | |
| WEIR | 07/11/2016 | 20160711-A27 WEIR | | Drainage | | | | <1.25 | <1.25 | <0.25 | 0.0485 | <0.025 | <0.025 | <0.025 | <0.125 | <0.025 | <0.025 | <0.025 |
| WEIR | 07/07/2016 | 20160707-A27 WEIR | | Drainage | | | | <0.5 | <0.5 | <0.1 | 0.0537 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| WEIR | 06/21/2016 | 20160621-WEIR | | Drainage | 768 | 7.98 | 226 | | | | <0.001 | | | | | | | |

| | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|-------|--|
| | | | | | | | | | | | 10000 | |
|--|--|--|--|--|--|--|--|--|--|--|-------|--|

| | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|-------------------|
| | | | | | | | | | | | | Organic Compounds |
|--|--|--|--|--|--|--|--|--|--|--|--|-------------------|

| | | | | | | | | | | | 0.001 | 0.05 | 0.5 | |
|------------------------|------------------------|-----------------------|-----------------------|-----------------|------------------------|------------------------|------------------------|------------------------|------------------------|----------------|-----------------|------|--|---|
| 0.07 | | | 0.0028 | | 0.005 | | 3.7E-07 | | 0.000023 | | | | | |
| 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,2,3-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl chloride | Xylenes - total | 1.4 | TPH GRO (Low Fraction) VOCs (GC) (Method 8015D/GRO) | TPH DRO and ORO (High Fraction) SVOCs (GC) (Method 8015) |
| <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <5.0 | <2.50 | 8.79 | <1.0 | 8.82 | <1.0 | 37.6 | | 2310 | 1170 |
| | | | | | | | | | | | 25 | | 1300 | 572 |
| <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.0025 | <0.001 | <0.001 | <0.001 | <0.001 | <0.003 | | <0.1 | <0.1 |
| <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.0025 | <0.001 | <0.001 | <0.001 | <0.001 | 0.00321 | | | |
| <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.0025 | 0.00128 | <0.001 | 0.00124 | <0.001 | 0.00501 | | | |
| <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.50 | <0.250 | 0.636 | <0.10 | 0.591 | <0.10 | 5.25 | | | |
| <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <5.0 | 2.23 | <2.0 | <2.0 | <2.0 | 9.1 | | 412 | 247 |
| <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <5.0 | <2.50 | 8110 | 1050 | 8290 | <1.0 | 30800 | | | |
| <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <5.00 | <2.50 | 38.1 | 4.66 | 38.4 | <1.0 | 123 | | | |
| <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <5.0 | <2.5 | 11.2 | 1.54 | 11.2 | <1.0 | 47.4 | | | |
| <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <5.0 | <2.5 | 3.99 | <1.0 | 3.98 | <1.0 | 24.2 | | | |
| <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.0025 | 0.0135 | 0.00266 | 0.0175 | <0.001 | 0.0363 | | 0.353 | 0.579 |
| <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.0025 | 0.00285 | <0.001 | 0.003 | <0.001 | 0.0233 | | | |
| <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <5.0 | <2.5 | 1.98 | <1.0 | 1.87 | <1.0 | 15 | | | |
| <0.500 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 | <1.25 | 43.9 | <0.500 | 36.9 | <0.500 | 68.8 | | | |
| <1 | <1 | <1 | <1 | <1 | <5 | <2.5 | <1 | <1 | <1 | <1 | 8.26 | | | |
| <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <1.25 | <0.625 | 0.892 | <0.25 | 0.761 | <0.25 | 8.5 | | 8.5 | |
| <1 | <1 | <1 | <1 | <1 | <5 | <2.5 | <1 | <1 | <1 | <1 | 7.42 | | | |
| <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | <1.25 | 0.861 | <0.5 | 0.721 | <0.5 | 7.78 | | 7.78 | |
| <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.0025 | 0.0261 | 0.00687 | 0.0162 | <0.001 | 0.0485 | | | |
| <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.025 | 0.265 | 0.0513 | 0.216 | <0.01 | 0.615 | | 1.45 | 4.62 |
| <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.0025 | 0.12 | 0.0244 | 0.0965 | <0.001 | 0.325 | | 2.11 | 7.09 |
| | | | | | | | | | | | 0.0692 | | 2.56 | 23.463 |
| | | | | | | | | | | | 0.0114 | | <1.0 | 17.2 |
| <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.0025 | 0.00767 | 0.00146 | 0.00992 | <0.001 | 0.02 | | | |
| <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.0025 | 0.0135 | 0.00266 | 0.0175 | <0.001 | 0.0363 | | <0.05 | 0.382 |
| <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.0025 | 0.0358 | 0.00619 | 0.0391 | <0.001 | 0.0705 | | 0.0705 | |
| | | | | | | | | | | | 0.633 | | 85.3 | 436.74 |
| | | | | | | | | | | | 7.06 | | 492 | 284 |
| <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.125 | <0.0625 | 0.21 | 0.0394 | 0.167 | <0.025 | 0.802 | | | |
| <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.025 | 0.203 | 0.0425 | 0.164 | <0.01 | 0.776 | | 3.71 | 42.4 |
| | | | | | | | | | | | 0.137 | | 6.37 | 289.57 |