

| MCDA Cutting Support | |
|----------------------|----------------------|
| Location: | Spring south of MCDA |
| Sample Date: | |

| Lab Report | L510523 | Q3 2011 | Q4 2011 | Sample Identifications | | | | | |
|----------------------------------|---------------------|---------|---------|--|---|----------------------------------|-----------------------------------|------------------------------------|------------------------------------|
| | | | | L567223 | L574977 | L588968 | L600348 | L626256 | L651788 |
| Date Sampled | 4/8/2011 | | | 3/27/2012 (Q1 2012) | 5/11/12 (Q2 2012) | 8/8/12 (Q3 2012) | 10/10/12 (Q4 2012) | 3/20/2013 (Q1 2013) | 8/13/2013 (Q3 2013) |
| Sample Name | (Background Sample) | | | MCDA-CMP-N Spring (post closure, pre cap sample) | MCDA-Spring-051112 (post closure, pre cap sample) | MCDA-Creek (post closure sample) | MCDA-101012 (post closure sample) | MCDA - Creek (post closure sample) | MCDA - Creek (post closure sample) |
| Organics in Water | | | | | | | | | |
| TPH (GRO and DRO) | MCL (mg/L) | | | | | | | | |
| | | | | 0.1 | 0.27 | BDL | 0.34 | BDL | 0.26 |
| Benzene | 0.005 | BDL | | BDL | 0.00075 | BDL | BDL | BDL | BDL |
| Toluene | 0.56 to 1.0 | 0.00022 | | BDL | BDL | 0.001 | BDL | BDL | BDL |
| Ethylbenzene | 0.7 | BDL | | BDL | 0.0022 | BDL | BDL | BDL | BDL |
| Xylenes | 1.4 to 10 | BDL | | BDL | 0.016 | BDL | BDL | BDL | BDL |
| Inorganics in Water | | | | | | | | | |
| Total Dissolved Solids | <1.25 x background | 340 | | 230 | 330 | 370 | 430 | 300 | 390 |
| Chloride | <1.25 x background | 9.7 | | 5.3 | 2.9 | 8.9 | 14 | 9.1 | 13 |
| Sulfate | <1.25 x background | 43 | | 22 | 50 | 17 | 18 | 33 | 34 |
| Dissolved Metals in Water | | | | | | | | | |
| Arsenic | | | | BDL | 0.017 | BDL | BDL | BDL | BDL |
| Barium | | | | 0.075 | 0.071 | 0.097 | 0.13 | 0.061 | 0.14 |
| Cadmium | | | | BDL | BDL | BDL | BDL | BDL | BDL |
| Chromium | | | | BDL | BDL | BDL | BDL | BDL | BDL |
| Copper | | | | 0.0039 | BDL | BDL | 0.0057 | BDL | BDL |
| Lead | | | | BDL | BDL | BDL | BDL | BDL | BDL |
| Mercury | | | | BDL | BDL | BDL | BDL | BDL | BDL |
| Nickel | | | | BDL | BDL | BDL | BDL | BDL | BDL |
| Selenium | | | | BDL | BDL | 0.013 | BDL | BDL | BDL |
| Silver | | | | 0.0063 | BDL | BDL | BDL | BDL | BDL |
| Zinc | | | | BDL | BDL | BDL | BDL | BDL | BDL |

BDL = Below Detection Limit