# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL023B (UMB)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/30/19[T] | Q1 2020 01/28/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **0.8** | **0.2** | |
| ORP | mV | -- | **-96** | **-70** | |
| pH | SU | 7.8-8.8 | **7.5** | **8.6** | |
| Specific Conductance | µS/cm @ 25°C | -- | **167** | **125** | |
| Temperature | °C | -- | **6.0** | **6.9** | |
| Turbidity | NTU | -- | **1** | <1 | |
| Water Elevation | ft MSL | -- | **1414.58** | **1414.07** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.5 | <2.0 | <2.0 | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 159 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | -- | -- | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 67 | **57.5** | **59.5** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.20 | <0.050 | <0.050 | e |
| Sulfate | mg/L | 8.0 | **4.7** | **4.8** | |
| Major Cations | | | | | |
| Calcium | mg/L | 16 | -- | -- | |
| Magnesium | mg/L | 3.7 | -- | -- | |
| Potassium | mg/L | 2.0 | -- | -- | |
| Sodium | mg/L | 11 | **6.1** | **5.6** | |
| General | | | | | |
| Hardness | mg/L | 55 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL024A (UMB)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/28/19[T] | Q1 2020 01/28/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **11** | **11** | |
| ORP | mV | -- | **174** | **110** | |
| pH | SU | 6.1-7.1 | **6.3** | **6.6** | |
| Specific Conductance | µS/cm @ 25°C | -- | **179** | **190** | |
| Temperature | °C | -- | **7.7** | **6.2** | |
| Turbidity | NTU | -- | **1** | <1 | |
| Water Elevation | ft MSL | -- | **1418.96** | **1418.06** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 | |
| Barium | ug/L | 86 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 105 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | -- | -- | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 24 | **44.7** | **45.8** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.0 | **21.1** | **21.6** | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.20 | **0.28** | **0.57** | e |
| Sulfate | mg/L | 8.0 | **4.5** | **7.0** | |
| Major Cations | | | | | |
| Calcium | mg/L | 48 | -- | -- | |
| Magnesium | mg/L | 8.1 | -- | -- | |
| Potassium | mg/L | 3.7 | -- | -- | |
| Sodium | mg/L | 2.0 | **19.4** | **17.6** | |
| General | | | | | |
| Hardness | mg/L | 153 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL025A (Background)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/29/19[T] | Q1 2020 01/27/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **12** | **12** | |
| ORP | mV | -- | **158** | **147** | |
| pH | SU | 6.4-7.4 | **5.7** | **6.7** | |
| Specific Conductance | µS/cm @ 25°C | -- | **63** | **71** | |
| Temperature | °C | -- | **7.2** | **7.5** | |
| Turbidity | NTU | -- | **1** | <1 | |
| Water Elevation | ft MSL | -- | **1418.28** | **1417.23** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 126 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | -- | -- | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 25 | **29.8** | **32.9** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 1.1 | **0.23** | **0.23** | e |
| Sulfate | mg/L | 8.0 | **2.0** | **2.0** | |
| Major Cations | | | | | |
| Calcium | mg/L | 8.5 | -- | -- | |
| Magnesium | mg/L | 2.0 | -- | -- | |
| Potassium | mg/L | 2.0 | -- | -- | |
| Sodium | mg/L | 2.0 | <1.0 | **1.0** | |
| General | | | | | |
| Hardness | mg/L | 28 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL025B (Background)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/29/19[T] | Q1 2020 01/27/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **12** | **11** | |
| ORP | mV | -- | **276** | **126** | |
| pH | SU | 8.5-9.5 | **8.8** | **9.1** | |
| Specific Conductance | µS/cm @ 25°C | -- | **91** | **66** | |
| Temperature | °C | -- | **7.5** | **7.5** | |
| Turbidity | NTU | -- | **1** | <1 | |
| Water Elevation | ft MSL | -- | **1418.20** | **1417.11** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 56 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | -- | -- | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | **1.0** | **1.1** | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 36 | **29.6** | **27.2** | |
| Alkalinity, Carbonate | mg/L | 12 | <2.0 | **4.8** | e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.20 | **0.16** | **0.14** | e |
| Sulfate | mg/L | 8.0 | <2.0 | <2.0 | |
| Major Cations | | | | | |
| Calcium | mg/L | 10 | -- | -- | |
| Magnesium | mg/L | 2.0 | -- | -- | |
| Potassium | mg/L | 2.0 | -- | -- | |
| Sodium | mg/L | 4.5 | **1.3** | **1.4** | |
| General | | | | | |
| Hardness | mg/L | 33 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL025D (Background)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/29/19[T] | Q1 2020 01/27/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **5.0** | **5.3** | |
| ORP | mV | -- | **252** | **121** | |
| pH | SU | 8.2-9.2 | **8.7** | **8.8** | |
| Specific Conductance | µS/cm @ 25°C | -- | **135** | **101** | |
| Temperature | °C | -- | **7.2** | **6.9** | |
| Turbidity | NTU | -- | **2.0** | <1 | |
| Water Elevation | ft MSL | -- | **1414.41** | **1413.40** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.5 | **2.9** | **2.9** | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 137 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | -- | -- | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | **4.0** | **4.0** | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 52 | **43.5** | **42.4** | |
| Alkalinity, Carbonate | mg/L | 14 | <2.0 | 2.6 | e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.20 | **0.098** | **0.110** | e |
| Sulfate | mg/L | 8.0 | **5.2** | **4.9** | |
| Major Cations | | | | | |
| Calcium | mg/L | 12 | -- | -- | |
| Magnesium | mg/L | 2.7 | -- | -- | |
| Potassium | mg/L | 2.0 | -- | -- | |
| Sodium | mg/L | 12 | **3.4** | **3.4** | |
| General | | | | | |
| Hardness | mg/L | 42 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL026A (Background)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/29/19[T] | Q1 2020 01/27/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **12** | **11** | |
| ORP | mV | -- | **356** | **350** | |
| pH | SU | 6.2-7.2 | **5.7** | **6.0** | |
| Specific Conductance | µS/cm @ 25°C | -- | **86** | **76** | |
| Temperature | °C | -- | **7.0** | **6.5** | |
| Turbidity | NTU | -- | <1 | <1 | |
| Water Elevation | ft MSL | -- | **1418.43** | **1417.38** | |
| Metals | | | | | |
| Aluminum | ug/L | 236 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 368 | <50.0 | **81.5** | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | -- | -- | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 114 | **27.9** | **39.7** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.73 | **0.50** | **0.44** | e |
| Sulfate | mg/L | 8.0 | **2.0** | **2.0** | |
| Major Cations | | | | | |
| Calcium | mg/L | 40.0 | -- | -- | |
| Magnesium | mg/L | 5.9 | -- | -- | |
| Potassium | mg/L | 2.0 | -- | -- | |
| Sodium | mg/L | 2.4 | **1.2** | **1.3** | |
| General | | | | | |
| Hardness | mg/L | 124 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL026D (Background)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/29/19[T] | Q1 2020 02/04/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **11** | **11** | |
| ORP | mV | -- | **266** | **288** | |
| pH | SU | 8.4-9.4 | **8.9** | **8.7** | |
| Specific Conductance | µS/cm @ 25°C | -- | **95** | **61** | |
| Temperature | °C | -- | **7.4** | **6.9** | |
| Turbidity | NTU | -- | **1.0** | <1 | |
| Water Elevation | ft MSL | -- | **1411.18** | **1410.46** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 80 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | -- | -- | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 31 | **31.3** | **30.6** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.20 | **0.11** | **0.12** | e |
| Sulfate | mg/L | 8.0 | <2.0 | <2.0 | |
| Major Cations | | | | | |
| Calcium | mg/L | 13 | -- | -- | |
| Magnesium | mg/L | 2.4 | -- | -- | |
| Potassium | mg/L | 2.0 | -- | -- | |
| Sodium | mg/L | 2.0 | <1.0 | <1.0 | |
| General | | | | | |
| Hardness | mg/L | 43 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL026E (Background)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/29/19[T] | Q1 2020 01/27/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | <0.1 | <0.1 | |
| ORP | mV | -- | **13** | **145** | |
| pH | SU | 8.1-9.1 | **8.5** | **8.4** | |
| Specific Conductance | µS/cm @ 25°C | -- | **170** | **115** | |
| Temperature | °C | -- | **7.2** | **7.1** | |
| Turbidity | NTU | -- | **1.0** | <1 | |
| Water Elevation | ft MSL | -- | **1411.11** | **1410.27** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 7.8 | **7.9** | **7.8** | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 80 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | **--** | **--** | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 91 | **52.4** | **56.5** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.20 | <0.050 | <0.050 | e |
| Sulfate | mg/L | 8.6 | **7.7** | **7.6** | |
| Major Cations | | | | | |
| Calcium | mg/L | 17 | -- | -- | |
| Magnesium | mg/L | 4.3 | -- | -- | |
| Potassium | mg/L | 2.0 | -- | -- | |
| Sodium | mg/L | 2.0 | **1.6** | **1.8** | |
| General | | | | | |
| Hardness | mg/L | 60 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL044B (UMB)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/29/19[T] | Q1 2020 01/28/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **2.4** | **0.2** | |
| ORP | mV | -- | **-76** | **-9** | |
| pH | SU | 8.3-9.3 | **9.1** | **9.2** | |
| Specific Conductance | µS/cm @ 25°C | -- | **117** | **73** | |
| Temperature | °C | -- | **7.8** | **7.2** | |
| Turbidity | NTU | -- | **1** | <1 | |
| Water Elevation | ft MSL | -- | **1415.03** | **1414.85** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 80 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | -- | -- | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 64 | **34.4** | **28.2** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | **3.8** | e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.20 | <0.050 | <0.050 | e |
| Sulfate | mg/L | 24 | **6.1** | **6.8** | |
| Major Cations | | | | | |
| Calcium | mg/L | 17 | -- | -- | |
| Magnesium | mg/L | 4.0 | -- | -- | |
| Potassium | mg/L | 2.0 | -- | -- | |
| Sodium | mg/L | 2.6 | **2.9** | **3.1** | |
| General | | | | | |
| Hardness | mg/L | 58 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL060A (TDRSA-CWB)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/28/19[T] | Q1 2020 01/27/20[T] |
|---|---|---|---|---|
| Field | | | | |
| D.O.[1] | ppm | -- | **12** | **11** |
| ORP | mV | -- | **211** | **118** |
| pH | SU | 8.1-9.1 | **8.6** | **8.9** |
| Specific Conductance | µS/cm @ 25°C | -- | **148** | **101** |
| Temperature | °C | -- | **7.9** | **7.9** |
| Turbidity | NTU | -- | <1 | <1 |
| Water Elevation | ft MSL | -- | **1406.38** | **1405.67** |
| Metals | | | | |
| Aluminum | ug/L | 200 | -- | -- |
| Antimony | ug/L | 5.5 | -- | -- |
| Arsenic | ug/L | 7.2 | **3.5** | **3.3** |
| Barium | ug/L | 80 | -- | -- |
| Beryllium | ug/L | 2.5 | -- | -- |
| Boron | ug/L | 400 | <100 | <100 |
| Cadmium | ug/L | 2.0 | -- | -- |
| Chromium | ug/L | 20 | -- | -- |
| Cobalt | ug/L | 40 | -- | -- |
| Copper | ug/L | 20 | <5.0 | <5.0 |
| Iron | ug/L | 80 | <50.0 | <50.0 |
| Lead | ug/L | 4.0 | -- | -- |
| Lithium | ug/L | 32 | -- | -- |
| Manganese | ug/L | 80 | <20.0 | <20.0 |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 |
| Molybdenum | ug/L | 40 | -- | -- |
| Nickel | ug/L | 100 | <25.0 | <25.0 |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 |
| Silver | ug/L | 0.80 | -- | -- |
| Strontium | ug/L | 200 | -- | -- |
| Thallium | ug/L | 2.0 | -- | -- |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 |
| Zinc | ug/L | 40 | <10.0 | <10.0 |
| Major Anions | | | | |
| Alkalinity, Bicarbonate | mg/L | 62 | **50.6** | **45.9** |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | **2.4** e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 |
| Fluoride | mg/L | 0.40 | -- | -- |
| Nitrogen, Nitrate | mg/L | 0.20 | **0.30** | **0.33** e |
| Sulfate | mg/L | 8.0 | <2.0 | <2.0 |
| Major Cations | | | | |
| Calcium | mg/L | 17 | -- | -- |
| Magnesium | mg/L | 4.2 | -- | -- |
| Potassium | mg/L | 2.0 | -- | -- |
| Sodium | mg/L | 2.1 | <1.0 | <1.0 |
| General | | | | |
| Hardness | mg/L | 61 | **--** | **--** |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL061A (TDRSA-CWB)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/28/19[T] | Q1 2020 01/27/20[T] |
|---|---|---|---|---|
| Field | | | | |
| D.O.[1] | ppm | -- | **12** | **11** |
| ORP | mV | -- | **249** | **117** |
| pH | SU | 8.1-9.1 | **8.6** | **8.8** |
| Specific Conductance | µS/cm @ 25°C | -- | **155** | **106** |
| Temperature | °C | -- | **7.9** | **7.7** |
| Turbidity | NTU | -- | <1 | <1 |
| Water Elevation | ft MSL | -- | **1407.91** | **1417.17** |
| Metals | | | | |
| Aluminum | ug/L | 200 | -- | -- |
| Antimony | ug/L | 5.5 | -- | -- |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 |
| Barium | ug/L | 80 | -- | -- |
| Beryllium | ug/L | 2.5 | -- | -- |
| Boron | ug/L | 400 | <100 | <100 |
| Cadmium | ug/L | 2.0 | -- | -- |
| Chromium | ug/L | 20 | -- | -- |
| Cobalt | ug/L | 40 | -- | -- |
| Copper | ug/L | 20 | <5.0 | <5.0 |
| Iron | ug/L | 80 | <50.0 | <50.0 |
| Lead | ug/L | 4.0 | -- | -- |
| Lithium | ug/L | 32 | -- | -- |
| Manganese | ug/L | 80 | <20.0 | <20.0 |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 |
| Molybdenum | ug/L | 40 | -- | -- |
| Nickel | ug/L | 100 | <25.0 | <25.0 |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 |
| Silver | ug/L | 0.80 | -- | -- |
| Strontium | ug/L | 200 | -- | -- |
| Thallium | ug/L | 2.0 | -- | -- |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 |
| Zinc | ug/L | 40 | <10.0 | <10.0 |
| Major Anions | | | | |
| Alkalinity, Bicarbonate | mg/L | 40 | **53.4** | **47.4** |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | **3.0** e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 |
| Fluoride | mg/L | 0.40 | -- | -- |
| Nitrogen, Nitrate | mg/L | 0.27 | **0.44** | **0.36** e |
| Sulfate | mg/L | 8.0 | <2.0 | <2.0 |
| Major Cations | | | | |
| Calcium | mg/L | 15 | -- | -- |
| Magnesium | mg/L | 2.2 | -- | -- |
| Potassium | mg/L | 2.0 | -- | -- |
| Sodium | mg/L | 2.0 | <1.0 | <1.0 |
| General | | | | |
| Hardness | mg/L | 37 | **--** | **--** |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL062A (TDRSA-CWB)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/28/19[T] | Q1 2020 01/29/20[T] |
|---|---|---|---|---|
| Field | | | | |
| D.O.[1] | ppm | -- | **8.7** | **9.0** |
| ORP | mV | -- | **127** | **100** |
| pH | SU | 8.3-9.3 | **7.5** | **7.8** |
| Specific Conductance | µS/cm @ 25°C | -- | **630** | **536** |
| Temperature | °C | -- | **8.6** | **7.9** |
| Turbidity | NTU | -- | **2.0** | <1 |
| Water Elevation | ft MSL | -- | **1409.71** | **1408.37** |
| Metals | | | | |
| Aluminum | ug/L | 200 | -- | -- |
| Antimony | ug/L | 5.5 | -- | -- |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 |
| Barium | ug/L | 80 | **--** | **--** |
| Beryllium | ug/L | 2.5 | -- | -- |
| Boron | ug/L | 400 | <100 | <100 |
| Cadmium | ug/L | 2.0 | -- | -- |
| Chromium | ug/L | 20 | -- | -- |
| Cobalt | ug/L | 40 | -- | -- |
| Copper | ug/L | 20 | <5.0 | <5.0 |
| Iron | ug/L | 80 | <50.0 | <50.0 |
| Lead | ug/L | 4.0 | -- | -- |
| Lithium | ug/L | 32 | -- | -- |
| Manganese | ug/L | 80 | <20.0 | <20.0 |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 |
| Molybdenum | ug/L | 40 | -- | -- |
| Nickel | ug/L | 100 | <25.0 | <25.0 |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 |
| Silver | ug/L | 0.80 | -- | -- |
| Strontium | ug/L | 200 | **--** | **--** |
| Thallium | ug/L | 2.0 | -- | -- |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 |
| Zinc | ug/L | 40 | <10.0 | <10.0 |
| Major Anions | | | | |
| Alkalinity, Bicarbonate | mg/L | 48 | **181** | **164** |
| Alkalinity, Carbonate | mg/L | 8.0 | **8.4** | <2.0 e |
| Chloride | mg/L | 4.0 | **78.8** | **66.1** |
| Fluoride | mg/L | 0.40 | -- | -- |
| Nitrogen, Nitrate | mg/L | 0.41 | **0.82** | **0.71** e |
| Sulfate | mg/L | 8.0 | **3.1** | **2.9** |
| Major Cations | | | | |
| Calcium | mg/L | 12 | **--** | **--** |
| Magnesium | mg/L | 2.2 | **--** | **--** |
| Potassium | mg/L | 2.0 | **--** | **--** |
| Sodium | mg/L | 2.0 | **26** | **36.6** |
| General | | | | |
| Hardness | mg/L | 40 | **--** | **--** |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL063A (TDRSA-CWB)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/28/19[T] | Q1 2020 01/27/20[T] |
|---|---|---|---|---|
| Field | | | | |
| D.O.[1] | ppm | -- | **8.8** | **8.2** |
| ORP | mV | -- | **97** | **193** |
| pH | SU | 8.1-9.1 | **7.5** | **7.5** |
| Specific Conductance | µS/cm @ 25°C | -- | **686** | **647** |
| Temperature | °C | -- | **8.5** | **7.7** |
| Turbidity | NTU | -- | **1.0** | <1 |
| Water Elevation | ft MSL | -- | **1403.18** | **1402.10** |
| Metals | | | | |
| Aluminum | ug/L | 200 | -- | -- |
| Antimony | ug/L | 5.5 | -- | -- |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 |
| Barium | ug/L | 80 | **--** | **--** |
| Beryllium | ug/L | 2.5 | -- | -- |
| Boron | ug/L | 400 | <100 | <100 |
| Cadmium | ug/L | 2.0 | -- | -- |
| Chromium | ug/L | 20 | -- | -- |
| Cobalt | ug/L | 40 | -- | -- |
| Copper | ug/L | 20 | <5.0 | <5.0 |
| Iron | ug/L | 80 | <50.0 | <50.0 |
| Lead | ug/L | 4.0 | -- | -- |
| Lithium | ug/L | 32 | -- | -- |
| Manganese | ug/L | 80 | <20.0 | <20.0 |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 |
| Molybdenum | ug/L | 40 | -- | -- |
| Nickel | ug/L | 100 | <25.0 | <25.0 |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 |
| Silver | ug/L | 0.80 | -- | -- |
| Strontium | ug/L | 200 | **--** | **--** |
| Thallium | ug/L | 2.0 | -- | -- |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 |
| Zinc | ug/L | 40 | <10.0 | <10.0 |
| Major Anions | | | | |
| Alkalinity, Bicarbonate | mg/L | 42 | **174** | **194** |
| Alkalinity, Carbonate | mg/L | 8.0 | **6.8** | <2.0 e |
| Chloride | mg/L | 4.0 | **101** | **105** |
| Fluoride | mg/L | 0.40 | -- | -- |
| Nitrogen, Nitrate | mg/L | 0.29 | **0.93** | **0.97** e |
| Sulfate | mg/L | 8.0 | **2.8** | **2.8** |
| Major Cations | | | | |
| Calcium | mg/L | 12 | -- | -- |
| Magnesium | mg/L | 2.0 | -- | -- |
| Potassium | mg/L | 2.0 | -- | -- |
| Sodium | mg/L | 2.0 | **29.2** | **32.6** |
| General | | | | |
| Hardness | mg/L | 40 | **--** | **--** |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL064D (UMB)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/29/19[T] | Q1 2020 02/04/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **2.3** | **0.2** | |
| ORP | mV | -- | **-281** | **-77** | |
| pH | SU | 8.0-9.0 | **8.4** | **8.7** | |
| Specific Conductance | µS/cm @ 25°C | -- | **144** | **146** | |
| Temperature | °C | -- | **6.9** | **6.5** | |
| Turbidity | NTU | -- | <1 | <1 | |
| Water Elevation | ft MSL | -- | **1416.24** | **1415.73** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 80 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | **--** | **--** | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 82 | **66.6** | **68.3** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.2 | **2.6** | **2.3** | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.20 | <0.050 | <0.050 | e |
| Sulfate | mg/L | 8.0 | <2.0 | <2.0 | |
| Major Cations | | | | | |
| Calcium | mg/L | 22 | **--** | **--** | |
| Magnesium | mg/L | 3.3 | **--** | **--** | |
| Potassium | mg/L | 2.0 | **--** | **--** | |
| Sodium | mg/L | 6.9 | **3.9** | **4.2** | |
| General | | | | | |
| Hardness | mg/L | 51 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL065D (UMB)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/30/19[T] | Q1 2020 02/04/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **1.0** | **0.3** | |
| ORP | mV | -- | **-161** | **-89** | |
| pH | SU | 7.9-8.9 | **8.3** | **8.8** | |
| Specific Conductance | µS/cm @ 25°C | -- | **206** | **151** | |
| Temperature | °C | -- | **6.5** | **6.7** | |
| Turbidity | NTU | -- | **1.0** | <1 | |
| Water Elevation | ft MSL | -- | **1415.85** | **1415.64** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.6 | **3.7** | **4.2** | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 80 | **76.8** | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | **--** | **--** | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 86 | **75.2** | **72.4** | |
| Alkalinity, Carbonate | mg/L | 8.7 | <2.0 | **4.4** | e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 | |
| Fluoride | mg/L | 0.40 | **--** | **--** | |
| Nitrogen, Nitrate | mg/L | 0.20 | <0.050 | <0.050 | e |
| Sulfate | mg/L | 8.0 | <2.0 | <2.0 | |
| Major Cations | | | | | |
| Calcium | mg/L | 14 | **--** | **--** | |
| Magnesium | mg/L | 4.8 | **--** | **--** | |
| Potassium | mg/L | 3.0 | **--** | **--** | |
| Sodium | mg/L | 12 | **9.7** | **10.6** | |
| General | | | | | |
| Hardness | mg/L | 53 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL066D (UMB)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/30/19[T] | Q1 2020 01/28/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **4.6** | **1.9** | |
| ORP | mV | -- | **-60** | **208** | |
| pH | SU | 8.7-9.7 | **8.5** | **8.5** | |
| Specific Conductance | µS/cm @ 25°C | -- | **165** | **151** | |
| Temperature | °C | -- | **6.6** | **6.6** | |
| Turbidity | NTU | -- | <1 | <1 | |
| Water Elevation | ft MSL | -- | **1415.83** | **1415.28** | |
| Metals | | | | | |
| Aluminum | ug/L | 557 | **--** | **--** | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 8.9 | **9.5** | **8.9** | |
| Barium | ug/L | 80 | **--** | **--** | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 288 | **544** | **572** | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | **1.74** | **1.32** | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 367 | **--** | **--** | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | **1.3** | **1.2** | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 61 | **68.1** | **68.3** | |
| Alkalinity, Carbonate | mg/L | 52 | **5.4** | **6.8** | e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.20 | <0.050 | <0.050 | e |
| Sulfate | mg/L | 11 | **8.6** | **8.3** | |
| Major Cations | | | | | |
| Calcium | mg/L | 58 | **--** | **--** | |
| Magnesium | mg/L | 2.9 | **--** | **--** | |
| Potassium | mg/L | 2.6 | **--** | **--** | |
| Sodium | mg/L | 8.0 | **20.0** | **22.0** | |
| General | | | | | |
| Hardness | mg/L | 146 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL067A (TDRSA-CWB)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/28/19[T] | Q1 2020 01/29/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **8.9** | **8.3** | |
| ORP | mV | -- | **165** | **110** | |
| pH | SU | 5.6-6.6 | **6.1** | **6.7** | |
| Specific Conductance | µS/cm @ 25°C | -- | **518** | **670** | |
| Temperature | °C | -- | **8.7** | **8.7** | |
| Turbidity | NTU | -- | **2.0** | <1 | |
| Water Elevation | ft MSL | -- | **1416.31** | **1415.48** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 | |
| Barium | ug/L | 80 | **--** | **--** | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 80 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | **1.06** | **1.29** | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | **--** | **--** | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 51 | **62.3** | **65.6** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.0 | **115** | **149** | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.25 | **0.74** | **0.97** | e |
| Sulfate | mg/L | 8.4 | **6.2** | **9.8** | |
| Major Cations | | | | | |
| Calcium | mg/L | 8.2 | -- | -- | |
| Magnesium | mg/L | 2.0 | -- | -- | |
| Potassium | mg/L | 2.0 | -- | -- | |
| Sodium | mg/L | 2.0 | **65.8** | **78.5** | |
| General | | | | | |
| Hardness | mg/L | 26 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL068A (Background)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/29/19[T] | Q1 2020 01/30/30[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **13** | **12** | |
| ORP | mV | -- | **165** | **131** | |
| pH | SU | 6.2-7.2 | **6.4** | **6.9** | |
| Specific Conductance | µS/cm @ 25°C | -- | **41** | **51** | |
| Temperature | °C | -- | **7.1** | **7.0** | |
| Turbidity | NTU | -- | <1 | <1 | |
| Water Elevation | ft MSL | -- | **1424.45** | **1423.06** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 80 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | -- | -- | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 35 | **16.3** | **23.8** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.20 | <0.050 | <0.050 | e |
| Sulfate | mg/L | 8.0 | <2.0 | **2.0** | |
| Major Cations | | | | | |
| Calcium | mg/L | 6.7 | **--** | **--** | |
| Magnesium | mg/L | 2.0 | **--** | **--** | |
| Potassium | mg/L | 2.0 | **--** | **--** | |
| Sodium | mg/L | 2.0 | <1.0 | <1.0 | |
| General | | | | | |
| Hardness | mg/L | 21 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL068B (Background)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/29/19[T] | Q1 2020 01/30/30[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **12** | **12** | |
| ORP | mV | -- | **71** | **105** | |
| pH | SU | 8.4-9.4 | **8.9** | **9.2** | |
| Specific Conductance | µS/cm @ 25°C | -- | **65** | **65** | |
| Temperature | °C | -- | **7.3** | **7.0** | |
| Turbidity | NTU | -- | <1 | <1 | |
| Water Elevation | ft MSL | -- | **1415.71** | **1414.68** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 184 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | -- | -- | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | **1.0** | **1.0** | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 30 | **28.7** | **31.9** | |
| Alkalinity, Carbonate | mg/L | 9.9 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.20 | **0.066** | **0.060** | e |
| Sulfate | mg/L | 8.0 | **2.3** | **2.3** | |
| Major Cations | | | | | |
| Calcium | mg/L | 9.4 | **--** | **--** | |
| Magnesium | mg/L | 2.0 | **--** | **--** | |
| Potassium | mg/L | 2.0 | **--** | **--** | |
| Sodium | mg/L | 2.0 | <1.0 | <1.0 | |
| General | | | | | |
| Hardness | mg/L | 31 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL068D (Background)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/29/19[T] | Q1 2020 01/30/30[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **7.9** | **1.8** | |
| ORP | mV | -- | **47** | **234** | |
| pH | SU | 8.0-9.0 | **8.2** | **8.3** | |
| Specific Conductance | µS/cm @ 25°C | -- | **122** | **111** | |
| Temperature | °C | -- | **6.8** | **4.7** | |
| Turbidity | NTU | -- | <1 | <1 | |
| Water Elevation | ft MSL | -- | **1412.82** | **1414.76** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 7.2 | **5.9** | **6.2** | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | **42.5** | <5.0 | |
| Iron | ug/L | 119 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.12 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | -- | -- | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | **7.7** | **4.6** | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 67 | **54.9** | **56.4** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.0 | <1.0 | <1.0 | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.21 | **0.053** | <0.050 | e |
| Sulfate | mg/L | 10 | **5.3** | **5.5** | |
| Major Cations | | | | | |
| Calcium | mg/L | 16 | **--** | **--** | |
| Magnesium | mg/L | 3.9 | **--** | **--** | |
| Potassium | mg/L | 2.0 | **--** | **--** | |
| Sodium | mg/L | 6.1 | **3.7** | **4.0** | |
| General | | | | | |
| Hardness | mg/L | 52 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL069A (Background)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/28/19[T] | Q1 2020 01/29/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **8.9** | **8.5** | |
| ORP | mV | -- | **160** | **228** | |
| pH | SU | 7.8-8.8 | **6.8** | **6.9** | |
| Specific Conductance | µS/cm @ 25°C | -- | **551** | **289** | |
| Temperature | °C | -- | **8.4** | **6.9** | |
| Turbidity | NTU | -- | <1 | <1 | |
| Water Elevation | ft MSL | -- | **1386.07** | **1384.86** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 | |
| Barium | ug/L | 80 | **--** | **--** | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | **--** | **--** | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 80 | <50.0 | **153** | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | **1.55** | **4.44** | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | -- | -- | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 138 | **107** | **146** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.0 | **51.8** | **8.1** | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.57 | **0.61** | **0.49** | e |
| Sulfate | mg/L | 8.0 | **8.4** | **7.4** | |
| Major Cations | | | | | |
| Calcium | mg/L | 35 | **--** | **--** | |
| Magnesium | mg/L | 18 | **--** | **--** | |
| Potassium | mg/L | 2.0 | **--** | **--** | |
| Sodium | mg/L | 2.0 | **40.7** | **19.8** | |
| General | | | | | |
| Hardness | mg/L | 162 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL071A (TDRSA-CWB)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/28/19[T] | Q1 2020 01/29/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **10** | **11** | |
| ORP | mV | -- | **201** | **107** | |
| pH | SU | 8.1-9.1 | **7.7** | **8.0** | |
| Specific Conductance | µS/cm @ 25°C | -- | **699** | **438** | |
| Temperature | °C | -- | **8.6** | **9.0** | |
| Turbidity | NTU | -- | <1 | <1 | |
| Water Elevation | ft MSL | -- | **1406.54** | **1405.15** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 | |
| Barium | ug/L | 80 | **--** | **--** | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | -- | -- | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | **15.9** | **16.0** | |
| Iron | ug/L | 178 | <50.0 | <50.0 | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | <25.0 | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | **--** | **--** | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 44 | **102** | **112** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.0 | **20.3** | **14.7** | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.31 | **27.1** | **20.9** | e |
| Sulfate | mg/L | 8.0 | **8.6** | **7.5** | |
| Major Cations | | | | | |
| Calcium | mg/L | 12 | **--** | **--** | |
| Magnesium | mg/L | 2.0 | **--** | **--** | |
| Potassium | mg/L | 2.0 | **--** | **--** | |
| Sodium | mg/L | 2.0 | **16.7** | **14.8** | |
| General | | | | | |
| Hardness | mg/L | 38 | **--** | **--** | |

# Table 1
# Mine Permit Groundwater Quality Monitoring Data
# QAL074A (Septic & WWTP)
# Eagle Mine

| Parameter | Unit | Benchmark | Q4 2019 10/28/19[T] | Q1 2020 01/29/20[T] | |
|---|---|---|---|---|---|
| Field | | | | | |
| D.O.[1] | ppm | -- | **9.9** | **11.0** | |
| ORP | mV | -- | **154** | **94** | |
| pH | SU | 8.4-9.4 | **8.2** | **8.2** | |
| Specific Conductance | µS/cm @ 25°C | -- | **439** | **337** | |
| Temperature | °C | -- | **8.0** | **6.0** | |
| Turbidity | NTU | -- | <1 | **2.0** | |
| Water Elevation | ft MSL | -- | **1404.82** | **1403.26** | |
| Metals | | | | | |
| Aluminum | ug/L | 200 | -- | -- | |
| Antimony | ug/L | 5.5 | -- | -- | |
| Arsenic | ug/L | 6.0 | <2.0 | <2.0 | |
| Barium | ug/L | 80 | -- | -- | |
| Beryllium | ug/L | 2.5 | -- | -- | |
| Boron | ug/L | 400 | <100 | <100 | |
| Cadmium | ug/L | 2.0 | -- | -- | |
| Chromium | ug/L | 20 | **--** | **--** | |
| Cobalt | ug/L | 40 | -- | -- | |
| Copper | ug/L | 20 | <5.0 | <5.0 | |
| Iron | ug/L | 212 | **139** | **345** | |
| Lead | ug/L | 4.0 | -- | -- | |
| Lithium | ug/L | 32 | -- | -- | |
| Manganese | ug/L | 80 | <20.0 | <20.0 | |
| Mercury | ng/L | 2.00 | <0.50 | <0.50 | |
| Molybdenum | ug/L | 40 | -- | -- | |
| Nickel | ug/L | 100 | <25.0 | **27.9** | |
| Selenium | ug/L | 4.0 | <1.0 | <1.0 | |
| Silver | ug/L | 0.80 | -- | -- | |
| Strontium | ug/L | 200 | -- | -- | |
| Thallium | ug/L | 2.0 | -- | -- | |
| Vanadium | ug/L | 4.0 | <1.0 | <1.0 | |
| Zinc | ug/L | 40 | <10.0 | <10.0 | |
| Major Anions | | | | | |
| Alkalinity, Bicarbonate | mg/L | 39 | **84.1** | **93.8** | |
| Alkalinity, Carbonate | mg/L | 8.0 | <2.0 | <2.0 | e |
| Chloride | mg/L | 4.0 | **41.7** | **40.5** | |
| Fluoride | mg/L | 0.40 | -- | -- | |
| Nitrogen, Nitrate | mg/L | 0.43 | **0.84** | **0.82** | e |
| Sulfate | mg/L | 8.0 | **8.1** | **8.2** | |
| Major Cations | | | | | |
| Calcium | mg/L | 31 | **--** | **--** | |
| Magnesium | mg/L | 5.9 | **--** | **--** | |
| Potassium | mg/L | 2.0 | **--** | **--** | |
| Sodium | mg/L | 3.5 | **24.0** | **23.3** | |
| General | | | | | |
| Hardness | mg/L | 103 | **--** | **--** | |

# Table 1
# Groundwater Quality Data
# Mine Permit Monitoring
# Explanation of Abbreviations and Data Qualifiers
# Eagle Project

| Abbreviation or Data Qualifier | Explanation |
|---|---|
| [1] | Many D.O. values are elevated due to well screen configuration and aquifer characteristics and the low-flow sampling method. Super-saturated DO values are rejected (see R data qualifier) as not being representative of true conditions. |
| a | Estimated value. Duplicate precision for this parameter exceeded quality control limit. |
| b | Estimated value. Sample received after EPA established hold time expired. |
| BP | Below pump. Maximum water elevation is shown. |
| CWB | Contact Water Basin |
| D | Sample for metal and major cation parameters was filtered and values are dissolved concentrations. |
| e | Estimated value. The laboratory statement of data qualifications indicates that a quality control limit for this parameter was exceeded. |
| f | Value should be considered an estimate because field stabilization was not achieved of at least one parameter. |
| i | Insufficient water for collection of field parameters and/or sample. |
| J | Estimated value. Reported concentration is between the method detection limit and reporting limit. |
| NM | Not measured. |
| p | Pending. Some parameters/locations require additional baseline data to calculate a benchmark. |
| Q | Quarter. |
| R | Measured value was rejected based on quality control procedures. |
| RL | Laboratory reporting limit. |
| s | Potential false positive value. Compound present in blank sample. |
| t | Trending. Benchmarks are not proposed for baseline datasets that appear to be trending (using samples collected through Q4 2012) because the data do not represent a random distribution about the baseline mean. Trend analysis is recommended in place of benchmark screening for parameters that appear to be trending. |
| T | Sample was not filtered and all values are total concentrations. |
| TDRSA | Temporary Development Rock Storage Area |
| UMB | Underground Mine Boundary |
| | Value is equal to or above site-specific benchmark at a compliance monitoring location. An exceedance occurs if there are 2 consecutive sampling events with a value equal to or greater than the benchmark. Color also indicates compliance monitoring location when applied to column headers. |
| | Value is equal to or above site-specific benchmark at a background monitoring location. Color also indicates background monitoring location when applied to column headers. |