

## Eagle Mine GWDP

### QAL050A

| Parameter  | Benchmark | Eagle Result | CEMP Result |      |
|--|-----------|--------------|-------------|------|
| Alkalinity, bicarbonate as CaCO <sub>3</sub>     | na        | 60.9         | 62          | mg/L |
| Aluminum, tot. recoverable as Al by ICP-MS       | 150       | <50.0        | ND          | mg/L |
| Antimony, tot. recoverable as Sb by ICP-MS       | 5.0       | <1.0         | ND          | ug/L |
| Arsenic, tot. recoverable as As by ICP-MS        | 6.0       | <1.0         | 1.2         | ug/L |
| Barium, tot. recoverable as Ba by ICP-MS         | 1,000     | 10.2         | 10          | ug/L |
| Beryllium, tot. recoverable as Be by ICP-MS      | 3.0       | <1.0         | ND          | ug/L |
| Boron, tot. recoverable as B by ICP              | 285       | <20.0        | ND          | ug/L |
| Cadmium, tot. recoverable as Cd by ICP-MS        | 3.0       | <0.20        | ND          | ug/L |
| Calcium, tot. recoverable as Ca by ICP           | na        | 25.4         | 26          | mg/L |
| Chloride, as Cl (unfiltered)                     | na        | 13.4         | 14          | mg/L |
| Chromium, tot. recoverable as Cr by ICP-MS       | 52        | <0.20        | ND          | ug/L |
| Cobalt, tot. recoverable as Co by ICP-MS         | 23        | <15.0        | 0.097       | ug/L |
| Copper, tot. recoverable as Cu by ICP-MS         | 10        | <1.0         | ND          | ug/L |
| Fluoride, as F (unfiltered)                      | 1.0       | <0.050       | 0.052       | mg/L |
| Iron, tot. recoverable as Fe by ICP              | na        | <50.0        | ND          | mg/L |
| Lead, tot. recoverable as Pb by ICP-MS           | 3.0       | <1.0         | ND          | ug/L |
| Lithium, tot. recoverable as Li by ICP           | 88        | <8.0         | 0.62        | ug/L |
| Magnesium, tot. recoverable as Mg by ICP         | na        | 4.6          | 5.1         | mg/L |
| Manganese, tot. recoverable as Mn by ICP-MS      | 50        | <5.0         | ND          | ug/L |
| Mercury, Low Level as Hg                         | na        | <0.50        | ND          | ng/L |
| Molybdenum, total recoverable as Mo by ICP-MS    | 50        | <5.0         | ND          | ug/L |
| Nickel, tot. recoverable as Ni by ICP-MS         | 57        | <2.0         | ND          | ug/L |
| Nitrate as N, corr. for NO <sub>2</sub> (unfilt) | na        | 0.91         | 0.93        | mg/L |
| Nitrogen, ammonia as N (unfiltered)              | 10        | 0.023        | 0.076       | mg/L |
| Nitrogen, nitrite as N                           | na        | <0.050       | ND          | mg/L |
| Phosphorus, tot. as P                            | na        | <0.050       | ND          | mg/L |
| Potassium, tot. recoverable as K by ICP          | .99       | 0.99         | 0.95        | mg/L |
| Selenium, tot. recoverable as Se by ICP-MS       | 5.0       | <2.0         | ND          | ug/L |
| Silver, tot. recoverable as Ag by ICP-MS         | .40       | <0.20        | ND          | ug/L |
| Sodium, tot. recoverable as Na by ICP            | na        | 5.1          | 4.9         | mg/L |
| Strontium, tot. recoverable as Sr by ICP-MS      | 2,300     | 44.0         | 44          | ug/L |
| Sulfate, as SO <sub>4</sub> (unfiltered)         | 250       | 5.3          | 5.1         | mg/L |
| Thallium, tot. recoverable as Tl by ICP-MS       | 1.0       | <1.0         | ND          | ug/L |
| Uranium, tot. recoverable as U by ICP-MS         | na        | <1.0         | 0.18        | ug/L |
| Vanadium, tot. recoverable as V by ICP-MS        | 3.1       | <1.0         | ND          | ug/L |
| Zinc, tot. recoverable as Zn by ICP-MS           | 1,200     | <10.0        | ND          | ug/L |

## Eagle Mine GWDP

### QAL051D

| Parameter                                     | Benchmark | Eagle Result | CEMP Result |      |
|---|-----------|--------------|-------------|------|
| Alkalinity, bicarbonate as CaCO3              | na        | 56.7         | 57          | mg/L |
| Aluminum, tot. recoverable as Al by ICP-MS    | 150       | <50.0        | ND          | mg/L |
| Antimony, tot. recoverable as Sb by ICP-MS    | 5.0       | <1.0         | ND          | ug/L |
| Arsenic, tot. recoverable as As by ICP-MS     | 6.0       | 5.3          | 5.5         | ug/L |
| Barium, tot. recoverable as Ba by ICP-MS      | 1,000     | 15.8         | 16          | ug/L |
| Beryllium, tot. recoverable as Be by ICP-MS   | 3.0       | <1.0         | ND          | ug/L |
| Boron, tot. recoverable as B by ICP           | 285       | 22.3         | 30          | ug/L |
| Cadmium, tot. recoverable as Cd by ICP-MS     | 3.0       | <0.20        | ND          | ug/L |
| Calcium, tot. recoverable as Ca by ICP        | na        | 16.4         | 19          | mg/L |
| Chloride, as Cl (unfiltered)                  | na        | <1.0         | 0.98        | mg/L |
| Chromium, tot. recoverable as Cr by ICP-MS    | 52        | <1.0         | ND          | ug/L |
| Cobalt, tot. recoverable as Co by ICP-MS      | 23        | <15.0        | 0.078       | ug/L |
| Copper, tot. recoverable as Cu by ICP-MS      | 10        | <1.0         | ND          | ug/L |
| Fluoride, as F (unfiltered)                   | 1.0       | <0.10        | 0.073       | mg/L |
| Iron, tot. recoverable as Fe by ICP           | na        | <50.0        | ND          | mg/L |
| Lead, tot. recoverable as Pb by ICP-MS        | 3.0       | <1.0         | ND          | ug/L |
| Lithium, tot. recoverable as Li by ICP        | 88        | <8.0         | 1.9         | ug/L |
| Magnesium, tot. recoverable as Mg by ICP      | na        | 3.2          | 3.8         | mg/L |
| Manganese, tot. recoverable as Mn by ICP-MS   | 50        | <5.0         | ND          | ug/L |
| Mercury, Low Level as Hg                      | na        | <0.50        | 0           | ng/L |
| Molybdenum, total recoverable as Mo by ICP-MS | 50        | <5.0         | 0.67        | ug/L |
| Nickel, tot. recoverable as Ni by ICP-MS      | 57        | <2.0         | ND          | ug/L |
| Nitrate as N, corr. for NO2 (unfilt)          | na        | .11          | 0.17        | mg/L |
| Nitrogen, ammonia as N (unfiltered)           | 10        | <.02         | ND          | mg/L |
| Nitrogen, nitrite as N                        | na        | <.05         | ND          | mg/L |
| Phosphorus, tot. as P                         | na        | <0.50        | ND          | mg/L |
| Potassium, tot. recoverable as K by ICP       | na        | 1.1          | 1.1         | mg/L |
| Selenium, tot. recoverable as Se by ICP-MS    | 5.0       | <5.0         | ND          | ug/L |
| Silver, tot. recoverable as Ag by ICP-MS      | .40       | <2.0         | ND          | ug/L |
| Sodium, tot. recoverable as Na by ICP         | na        | 2.8          | 2.9         | mg/L |
| Strontium, tot. recoverable as Sr by ICP-MS   | 2,300     | 94.4         | 97          | ug/L |
| Sulfate, as SO4 (unfiltered)                  | 250       | 5.3          | 4.8         | mg/L |
| Thallium, tot. recoverable as Tl by ICP-MS    | 1.0       | <1.0         | ND          | ug/L |
| Uranium, tot. recoverable as U by ICP-MS      | na        | <1.0         | 0.48        | ug/L |
| Vanadium, tot. recoverable as V by ICP-MS     | 3.1       | <1.0         | ND          | ug/L |
| Zinc, tot. recoverable as Zn by ICP-MS        | 1,200     | <10.0        | ND          | ug/L |

**Eagle Mine TDRSA  
TDRSA-CWS**

| Parameter  | CEMP Result |      |
|--|-------------|------|
| Alkalinity, bicarbonate as CaCO <sub>3</sub>     | 66          | mg/L |
| Aluminum, tot. recoverable as Al by ICP-MS       | 0.017       | mg/L |
| Antimony, tot. recoverable as Sb by ICP-MS       | 1.2         | ug/L |
| Arsenic, tot. recoverable as As by ICP-MS        | 1.7         | ug/L |
| Barium, tot. recoverable as Ba by ICP-MS         | 65          | ug/L |
| Boron, tot. recoverable as B by ICP              | 1300        | ug/L |
| Cadmium, tot. recoverable as Cd by ICP-MS        | 8.9         | ug/L |
| Calcium, tot. recoverable as Ca by ICP           | 610         | mg/L |
| Chloride, as Cl (unfiltered)                     | 890         | mg/L |
| Chloride, as Cl (unfiltered)                     | 0.37        | mg/L |
| Cobalt, tot. recoverable as Co by ICP-MS         | 310         | ug/L |
| Copper, tot. recoverable as Cu by ICP-MS         | 9           | ug/L |
| Fluoride, as F (unfiltered)                      | 0.089       | mg/L |
| Lithium, tot. recoverable as Li by ICP           | 13          | ug/L |
| Magnesium, tot. recoverable as Mg by ICP         | 440         | mg/L |
| Manganese, tot. recoverable as Mn by ICP-MS      | 2000        | ug/L |
| Mercury, Low Level as Hg                         | 2.1         | ng/L |
| Molybdenum, total recoverable as Mo by ICP-MS    | 31          | ug/L |
| Nickel, tot. recoverable as Ni by ICP-MS         | 6300        | ug/L |
| Nitrate as N, corr. for NO <sub>2</sub> (unfilt) | 370         | mg/L |
| Nitrate as N, corr. for NO <sub>2</sub> (unfilt) | 0.073       | mg/L |
| Nitrogen, ammonia as N (unfiltered)              | 1.3         | mg/L |
| Potassium, tot. recoverable as K by ICP          | 100         | mg/L |
| Potassium, tot. recoverable as K by ICP          | 0.073       | mg/L |
| Selenium, tot. recoverable as Se by ICP-MS       | 24          | ug/L |
| Sodium, tot. recoverable as Na by ICP            | 770         | mg/L |
| Sodium, tot. recoverable as Na by ICP            | 2.5         | mg/L |
| Strontium, tot. recoverable as Sr by ICP-MS      | 4600        | ug/L |
| Sulfate, as SO <sub>4</sub> (unfiltered)         | 2300        | mg/L |
| Sulfate, as SO <sub>4</sub> (unfiltered)         | 0.53        | mg/L |
| Thallium, tot. recoverable as Tl by ICP-MS       | 1           | ug/L |
| Zinc, tot. recoverable as Zn by ICP-MS           | 780         | ug/L |

**Eagle Mine MPGW**

**QAL062A**

| <b>Parameter</b>        | <b>Benchmark</b> | <b>Eagle Result</b> | <b>CEMP Result</b> |      |
|-------------------------|------------------|---------------------|--------------------|------|
| Alkalinity, Bicarbonate | 48               | 241                 | 250                | mg/L |
| Alkalinity, Carbonate   | 8.0              | <2.0                | ND                 | mg/L |
| Aluminum                | 200              | --                  | 0.014              | ug/L |
| Antimony                | 5.5              | --                  | 0.64               | ug/L |
| Arsenic                 | 6.0              | <2.0                | ND                 | ug/L |
| Barium                  | 80               | --                  | 48                 | ug/L |
| Beryllium               | 2.5              | --                  | ND                 | ug/L |
| Boron                   | 400              | <100                | ND                 | ug/L |
| Calcium                 | 12               | --                  | 84                 | mg/L |
| Chloride                | 4.0              | 71.6                | 65                 | mg/L |
| Cobalt                  | 40               | --                  | 0.12               | ug/L |
| Copper                  | 20               | <5.0                | ND                 | ug/L |
| Fluoride                | 0.40             | --                  | 0.086              | mg/L |
| Iron                    | 80               | <50.0               | ND                 | ug/L |
| Lead                    | 4.0              | --                  | ND                 | ug/L |
| Lithium                 | 32               | --                  | 0.67               | ug/L |
| Magnesium               | 2.2              | --                  | 19                 | mg/L |
| Manganese               | 80               | <20.0               | ND                 | ug/L |
| Mercury                 | 2.00             | <0.50               | ND                 | ng/L |
| Nickel                  | 100              | <25.0               | 1.1                | ug/L |
| Nitrogen, Nitrate       | 0.41             | 1.8                 | 1.7                | mg/L |
| Potassium               | 2.0              | --                  | 2.8                | mg/L |
| Selenium                | 4.0              | <1.0                | ND                 | ug/L |
| Sodium                  | 2.0              | 29.4                | 30                 | mg/L |
| Strontium               | 200              | --                  | 120                | ug/L |
| Sulfate                 | 8.0              | 4.3                 | 4.1                | mg/L |
| Thallium                | 2.0              | --                  | ND                 | ug/L |
| Vanadium                | 4.0              | <1.0                | ND                 | ug/L |
| Zinc                    | 40               | <10.0               | ND                 | ug/L |

**Eagle Mine MPGW**

**QAL060A**

| <b>Parameter</b>        | <b>Benchmark</b> | <b>Eagle Result</b> | <b>CEMP Result</b> |      |
|-------------------------|------------------|---------------------|--------------------|------|
| Alkalinity, Bicarbonate | 62               | 49.7                | 48                 | mg/L |
| Alkalinity, Carbonate   | 8                | <2                  | ND                 | mg/L |
| Aluminum                | 200              | —                   | ND                 | ug/L |
| Antimony                | 5.5              | —                   | ND                 | ug/L |
| Arsenic                 | 7.2              | 3                   | 2.5                | ug/L |
| Barium                  | 80               | —                   | 5.6                | ug/L |
| Beryllium               | 2.5              | —                   | ND                 | ug/L |
| Boron                   | 400              | <100                | ND                 | ug/L |
| Calcium                 | 17               | —                   | 16                 | mg/L |
| Chloride                | 4                | <1                  | 0.93               | mg/L |
| Cobalt                  | 40               | —                   | 0.036              | ug/L |
| Copper                  | 20               | <5                  | ND                 | ug/L |
| Fluoride                | 0.4              | —                   | 0.096              | mg/L |
| Iron                    | 80               | <50                 | ND                 | ug/L |
| Lead                    | 4                | —                   | ND                 | ug/L |
| Lithium                 | 32               | —                   | 0.55               | ug/L |
| Magnesium               | 4.2              | —                   | 3.5                | ug/L |
| Manganese               | 80               | <20                 | ND                 | ug/L |
| Mercury                 | 2                | <.5                 | ND                 | ng/L |
| Nickel                  | 100              | <25                 | ND                 | ug/L |
| Nitrogen, Nitrate       | 0.2              | 0.27                | 0.31               | mg/L |
| Potassium               | 2                | —                   | 0.8                | mg/L |
| Selenium                | 4                | <1                  | ND                 | ug/L |
| Sodium                  | 2.1              | 1                   | 0.91               | mg/L |
| Strontium               | 200              | —                   | 40                 | ug/L |
| Sulfate                 | 8                | 2.1                 | 2.4                | mg/L |
| Thallium                | 2                | —                   | ND                 | ug/L |
| Vanadium                | 4                | 1                   | ND                 | ug/L |
| Zinc                    | 40               | <10                 | ND                 | ug/L |

| Humboldt Mill GW        |           |              |             |      |
|-------------------------|-----------|--------------|-------------|------|
| 704-QAL                 |           |              |             |      |
| Parameter               | Benchmark | Eagle Result | CEMP Result |      |
| Alkalinity, Bicarbonate | 264.36    | 48.6         | 47          | mg/L |
| Alkalinity, Carbonate   | 8         | <2.0         | ND          | mg/L |
| Aluminum                | 200       | —            | 0.01        | ug/L |
| Antimony                | 4         | —            | ND          | ug/L |
| Arsenic                 | 7.5       | <5           | 1.7         | ug/L |
| Barium                  | 400       | —            | 7.8         | ug/L |
| Beryllium               | 2.5       | —            | ND          | ug/L |
| Boron                   | 1200      | —            | 26          | ug/L |
| Calcium                 | 47.35     | 16.2         | 17          | mg/L |
| Chloride                | 23.77     | 20.3         | 20          | mg/L |
| Cobalt                  | 80        | —            | 1.2         | ug/L |
| Copper                  | 16        | <4.0         | 3           | ug/L |
| Fluoride                | 2.5       | <1.0         | 0.064       | mg/L |
| Iron                    | 84519.23  | <200         | ND          | ug/L |
| Lead                    | 9         | <3.0         | ND          | ug/L |
| Lithium                 | 40        | —            | 1.3         | ug/L |
| Magnesium               | 14.76     | 5.5          | 5.9         | ug/L |
| Manganese               | 8782.76   | 454          | 430         | ug/L |
| Mercury                 | 34.69     | 1.46         | 5           | ng/L |
| Nickel                  | 80        | <20          | 5.2         | ug/L |
| Nitrogen, Nitrate       | 1470      | 101          | ND          | ug/L |
| Potassium               | 6.1       | 1.8          | 1.9         | mg/L |
| Selenium                | 20        | —            | ND          | ug/L |
| Sodium                  | 32.26     | 9.9          | 9.7         | mg/L |
| Sulfate                 | 44.8      | 14.3         | 14          | mg/L |
| Thallium                | 2         | —            | ND          | ug/L |
| Vanadium                | 16        | —            | ND          | ug/L |
| Zinc                    | 37.8      | <10          | ND          | ug/L |

| Humboldt Mill GW        |           |              |             |      |
|-------------------------|-----------|--------------|-------------|------|
| 704-LLA                 |           |              |             |      |
| Parameter               | Benchmark | Eagle Result | CEMP Result |      |
| Alkalinity, Bicarbonate | 152.81    | 203          | 200         | mg/L |
| Alkalinity, Carbonate   | 13.35     | <2.0         | ND          | mg/L |
| Aluminum                | 200       | —            | ND          | ug/L |
| Antimony                | 4         | —            | ND          | ug/L |
| Arsenic                 | 7.5       | <5           | 1.5         | ug/L |
| Barium                  | 400       | —            | 8           | ug/L |
| Beryllium               | 2.5       | —            | ND          | ug/L |
| Boron                   | 1200      | —            | 60          | ug/L |
| Calcium                 | 33.39     | 56.4         | 64          | mg/L |
| Chloride                | 40        | 70.2         | 62          | mg/L |
| Cobalt                  | 80        | —            | 0.26        | ug/L |
| Copper                  | 16        | <4           | ND          | ug/L |
| Fluoride                | 2.5       | <1           | 0.066       | mg/L |
| Iron                    | 3308.59   | 2580         | 2.9         | ug/L |
| Lead                    | 9         | <3.0         | ND          | ug/L |
| Lithium                 | 28.25     | —            | 24          | ug/L |
| Magnesium               | 15.62     | 21.7         | 27          | ug/L |
| Manganese               | 95.14     | 212          | 220         | ug/L |
| Mercury                 | 4         | <1           | ND          | ng/L |
| Nickel                  | 80        | <20          | 1.3         | ug/L |
| Nitrogen, Nitrate       | 400       | <100         | ND          | ug/L |
| Potassium               | 12.01     | 6            | 7.2         | mg/L |
| Selenium                | 20        | —            | ND          | ug/L |
| Sodium                  | 15.49     | 7.5          | 8.5         | mg/L |
| Sulfate                 | 20.79     | 10.5         | 9.2         | mg/L |
| Thallium                | 2         | —            | ND          | ug/L |
| Vanadium                | 16        | —            | ND          | ug/L |
| Zinc                    | 40        | <10          | ND          | ug/L |

| Humboldt Mill WTP       |              |      |             |      |
|-------------------------|--------------|------|-------------|------|
| HMWTP-EFF               |              |      |             |      |
| Parameter               | Eagle Result |      | CEMP Result |      |
| Alkalinity, Bicarbonate | —            | mg/L | 84          | mg/L |
| Alkalinity, Carbonate   | —            | mg/L | ND          | mg/L |
| Aluminum                | —            | ug/L | ND          | ug/L |
| Antimony                | <1.0         | ug/L | 0.91        | ug/L |
| Arsenic                 | <1.0         | ug/L | 1.1         | ug/L |
| Barium                  | 10.3         | ug/L | 9.7         | ug/L |
| Beryllium               | —            | ug/L | ND          | ug/L |
| Boron                   | 791          | ug/L | 930         | ug/L |
| Chloride                | —            | mg/L | 72          | mg/L |
| Cobalt                  | <15.0        | ug/L | 1.1         | ug/L |
| Copper                  | 1.8          | ug/L | ND          | ug/L |
| Dis. Solids, tot. (TDS) | 870          | mg/L | 900         | mg/L |
| Fluoride                | <1           | mg/L | 0.47        | mg/L |
| Iron                    | —            | ug/L | 0.25        | ug/L |
| Lead                    | <1.0         | ug/L | ND          | ug/L |
| Lithium                 | <10.0        | ug/L | 0.9         | ug/L |
| Manganese               | 434          | ug/L | 450         | ug/L |
| Mercury                 | 0.53         | ng/L | ND          | ng/L |
| Nickel                  | 19.9         | ug/L | 19          | ug/L |
| Nitrogen, Nitrate       | —            | ug/L | ND          | ug/L |
| Selenium                | <1.0         | ug/L | ND          | ug/L |
| Strontium               | 130          | ug/L | 140         | ug/L |
| Sulfate                 | 450          | mg/L | 440         | mg/L |
| Thallium                | —            | ug/L | ND          | ug/L |
| Vanadium                | —            | ug/L | ND          | ug/L |
| Zinc                    | <10.0        | ug/L | ND          | ug/L |



| Humboldt Mill WTD           |             |      |
|-----------------------------|-------------|------|
| HMWTP-INFD                  |             |      |
| Parameter                   | CEMP Result |      |
| Cobalt                      | 2.5         | ug/L |
| Copper                      | 3.1         | ug/L |
| Dis. Solids,<br>total (TDS) | 4800        | mg/L |
| Manganese                   | 58          | ug/L |
| Nickel                      | 99          | ug/L |
| Selenium                    | 4.8         | ug/L |
| Sulfate                     | 2400        | mg/L |

| <b>Humboldt Mill WTP</b> |                    |      |
|--------------------------|--------------------|------|
| <b>HMWTP-INFS</b>        |                    |      |
| <b>Parameter</b>         | <b>CEMP Result</b> |      |
| Cobalt                   | 1.9                | ug/L |
| Copper                   | 3                  | ug/L |
| Dis. Solids, Total (TDS) | 720                | mg/L |
| Manganese                | 1100               | ug/L |
| Mercury                  | ND                 | ng/L |
| Nickel                   | 38                 | ug/L |

| Humboldt Mill SW        |           |              |             |      |
|-------------------------|-----------|--------------|-------------|------|
| MER-003                 |           |              |             |      |
| Parameter               | Benchmark | Eagle Result | CEMP Result |      |
| Alkalinity, Bicarbonate | 49.72     | 29.6         | 25          | mg/L |
| Alkalinity, Carbonate   | 8         | <2.0         | ND          | mg/L |
| Aluminum                | na        | —            | ND          | ug/L |
| Antimony                | na        | —            | ND          | ug/L |
| Arsenic                 | 2.56      | <1.0         | ND          | ug/L |
| Barium                  | na        | —            | 8.2         | ug/L |
| Beryllium               | na        | —            | ND          | ug/L |
| Boron                   | na        | —            | 78          | ug/L |
| Calcium                 | 16.98     | 9            | 9.1         | mg/L |
| Chloride                | 15.25     | 10.9         | 11          | mg/L |
| Cobalt                  | na        | —            | 0.33        | ug/L |
| Copper                  | 2.85      | —            | ND          | ug/L |
| Fluoride                | 0.2       | <.10         | ND          | mg/L |
| Iron                    | 3007.1    | 1590         | 1700        | ug/L |
| Lead                    | 0.36      | —            | ND          | ug/L |
| Lithium                 | na        | —            | 0.83        | ug/L |
| Magnesium               | 4.68      | 3            | 3.2         | ug/L |
| Manganese               | 223.25    | 164          | 170         | ug/L |
| Mercury                 | 5.23      | 2.3          | 2.55        | ng/L |
| Nickel                  | 1.63      | —            | 2.5         | ug/L |
| Nitrogen, Nitrate       | 0.02      | 0.218        | 0.3         | ug/L |
| Potassium               | 1.31      | 1.2          | 1.2         | mg/L |
| Selenium                | na        | —            | ND          | ug/L |
| Sodium                  | 8.78      | 13.3         | 13          | mg/L |
| Sulfate                 | 18.73     | 24           | 34          | mg/L |
| Thallium                | na        | —            | ND          | ug/L |
| Vanadium                | na        | —            | ND          | ug/L |
| Zinc                    | 7.49      | —            | 31          | ug/L |

| Humboldt Mill SW        |           |              |             |      |
|-------------------------|-----------|--------------|-------------|------|
| MER-001                 |           |              |             |      |
| Parameter               | Benchmark | Eagle Result | CEMP Result |      |
| Alkalinity, Bicarbonate | 41.42     | 24.8         | 24          | mg/L |
| Alkalinity, Carbonate   | 8         | <2.0         | ND          | mg/L |
| Aluminum                | na        | —            | 0.08        | ug/L |
| Antimony                | na        | —            | ND          | ug/L |
| Arsenic                 | 3.6       | <1.0         | ND          | ug/L |
| Barium                  | na        | —            | 6.5         | ug/L |
| Beryllium               | na        | —            | ND          | ug/L |
| Boron                   | na        | —            | 29          | ug/L |
| Calcium                 | 14.48     | 6.9          | 7           | mg/L |
| Chloride                | 12.77     | 4.3          | ND          | mg/L |
| Cobalt                  | na        | —            | 0.18        | ug/L |
| Copper                  | 0.62      | —            | ND          | ug/L |
| Fluoride                | 0.4       | <.10         | ND          | mg/L |
| Iron                    | 2412.94   | 1120         | 1300        | ug/L |
| Lead                    | 0.21      | —            | ND          | ug/L |
| Lithium                 | na        | —            | 0.76        | ug/L |
| Magnesium               | 3.84      | —            | 2.1         | ug/L |
| Manganese               | 148.6     | 80.3         | 81          | ug/L |
| Mercury                 | 5.77      | 2.23         | 2.28        | ng/L |
| Nickel                  | 1.06      | —            | ND          | ug/L |
| Nitrogen, Nitrate       | 0.17      | 0.209        | 0.34        | mg/L |
| Potassium               | 0.93      | 0.66         | 0.59        | mg/L |
| Selenium                | na        | —            | ND          | ug/L |
| Sodium                  | 6.67      | 2.5          | 2.5         | mg/L |
| Sulfate                 | 9         | 2.7          | 6.7         | mg/L |
| Thallium                | na        | —            | ND          | ug/L |
| Vanadium                | na        | —            | ND          | ug/L |
| Zinc                    | 39.22     | —            | ND          | ug/L |