

### Hit Summary Sheet SW-846

**SDG No.:** Q2815

**Order ID:** Q2815

**Client:** First Environment, Inc.

**Project ID:** USACE018-44 DOD

| Sample ID                    | Client ID | Matrix | Parameter | Concentration | C | MDL   | LOD  | RDL  | Units |
|------------------------------|-----------|--------|-----------|---------------|---|-------|------|------|-------|
| <b>Client ID : TW-705R-S</b> |           |        |           |               |   |       |      |      |       |
| Q2815-01                     | TW-705R-S | Water  | Aluminum  | 53700         |   | 5.67  | 40.0 | 50.0 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Arsenic   | 28.3          |   | 2.56  | 7.50 | 10.0 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Barium    | 100           |   | 7.28  | 12.5 | 50.0 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Beryllium | 2.17          | J | 0.28  | 0.75 | 3.00 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Cadmium   | 2.53          | J | 0.25  | 0.75 | 3.00 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Calcium   | 28600         |   | 117   | 250  | 1000 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Chromium  | 89.7          |   | 1.06  | 2.50 | 5.00 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Cobalt    | 18.3          |   | 1.13  | 3.75 | 15.0 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Copper    | 72.7          |   | 2.30  | 8.00 | 10.0 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Iron      | 58500         |   | 11.7  | 40.0 | 50.0 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Lead      | 177           |   | 1.15  | 4.80 | 6.00 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Magnesium | 27900         |   | 122   | 250  | 1000 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Manganese | 255           |   | 2.97  | 7.50 | 10.0 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Mercury   | 0.36          |   | 0.076 | 0.16 | 0.20 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Nickel    | 44.2          |   | 1.53  | 5.00 | 20.0 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Potassium | 33900         |   | 459   | 800  | 1000 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Silver    | 3.99          | J | 0.81  | 2.50 | 5.00 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Sodium    | 352000        |   | 434   | 500  | 1000 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Vanadium  | 115           |   | 3.13  | 10.0 | 20.0 | ug/L  |
| Q2815-01                     | TW-705R-S | Water  | Zinc      | 337           |   | 8.33  | 7.50 | 20.0 | ug/L  |
| <b>Client ID : TW-22M-W</b>  |           |        |           |               |   |       |      |      |       |
| Q2815-11                     | TW-22M-W  | Water  | Aluminum  | 28200         |   | 5.67  | 40.0 | 50.0 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Arsenic   | 37.4          |   | 2.56  | 7.50 | 10.0 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Barium    | 113           |   | 7.28  | 12.5 | 50.0 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Beryllium | 3.10          |   | 0.28  | 0.75 | 3.00 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Cadmium   | 1.31          | J | 0.25  | 0.75 | 3.00 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Calcium   | 19300         |   | 117   | 250  | 1000 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Chromium  | 54.8          |   | 1.06  | 2.50 | 5.00 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Cobalt    | 7.37          | J | 1.13  | 3.75 | 15.0 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Copper    | 119           |   | 2.30  | 8.00 | 10.0 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Iron      | 31100         |   | 11.7  | 40.0 | 50.0 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Lead      | 99.6          |   | 1.15  | 4.80 | 6.00 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Magnesium | 13600         |   | 122   | 250  | 1000 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Manganese | 248           |   | 2.97  | 7.50 | 10.0 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Nickel    | 22.4          |   | 1.53  | 5.00 | 20.0 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Potassium | 12200         |   | 459   | 800  | 1000 | ug/L  |
| Q2815-11                     | TW-22M-W  | Water  | Silver    | 2.00          | J | 0.81  | 2.50 | 5.00 | ug/L  |

**Hit Summary Sheet**  
**SW-846**

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**Project ID:** USACE018-44 DOD

| Sample ID                   | Client ID | Matrix | Parameter | Concentration | C | MDL   | LOD  | RDL  | Units |
|-----------------------------|-----------|--------|-----------|---------------|---|-------|------|------|-------|
| Q2815-11                    | TW-22M-W  | Water  | Sodium    | 58900         |   | 434   | 500  | 1000 | ug/L  |
| Q2815-11                    | TW-22M-W  | Water  | Vanadium  | 60.4          |   | 3.13  | 10.0 | 20.0 | ug/L  |
| Q2815-11                    | TW-22M-W  | Water  | Zinc      | 329           |   | 8.33  | 7.50 | 20.0 | ug/L  |
| <b>Client ID : TW-11M-W</b> |           |        |           |               |   |       |      |      |       |
| Q2815-20                    | TW-11M-W  | Water  | Aluminum  | 12500         |   | 5.67  | 40.0 | 50.0 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Arsenic   | 11.0          |   | 2.56  | 7.50 | 10.0 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Barium    | 54.0          |   | 7.28  | 12.5 | 50.0 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Beryllium | 2.70          | J | 0.28  | 0.75 | 3.00 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Cadmium   | 1.26          | J | 0.25  | 0.75 | 3.00 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Calcium   | 38100         |   | 117   | 250  | 1000 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Chromium  | 40.0          |   | 1.06  | 2.50 | 5.00 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Cobalt    | 4.19          | J | 1.13  | 3.75 | 15.0 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Copper    | 27.0          |   | 2.30  | 8.00 | 10.0 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Iron      | 14500         |   | 11.7  | 40.0 | 50.0 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Lead      | 41.7          |   | 1.15  | 4.80 | 6.00 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Magnesium | 5930          |   | 122   | 250  | 1000 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Manganese | 134           |   | 2.97  | 7.50 | 10.0 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Mercury   | 0.15          | J | 0.076 | 0.16 | 0.20 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Nickel    | 16.8          | J | 1.53  | 5.00 | 20.0 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Potassium | 5500          |   | 459   | 800  | 1000 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Silver    | 1.21          | J | 0.81  | 2.50 | 5.00 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Sodium    | 14600         |   | 434   | 500  | 1000 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Vanadium  | 31.9          |   | 3.13  | 10.0 | 20.0 | ug/L  |
| Q2815-20                    | TW-11M-W  | Water  | Zinc      | 170           |   | 8.33  | 7.50 | 20.0 | ug/L  |
| <b>Client ID : TW-11M-W</b> |           |        |           |               |   |       |      |      |       |
| Q2815-25                    | TW-11M-W  | Water  | Aluminum  | 63.1          |   | 5.67  | 40.0 | 50.0 | ug/L  |
| Q2815-25                    | TW-11M-W  | Water  | Arsenic   | 2.94          | J | 2.56  | 7.50 | 10.0 | ug/L  |
| Q2815-25                    | TW-11M-W  | Water  | Barium    | 10.5          | J | 7.28  | 12.5 | 50.0 | ug/L  |
| Q2815-25                    | TW-11M-W  | Water  | Calcium   | 33300         |   | 117   | 250  | 1000 | ug/L  |
| Q2815-25                    | TW-11M-W  | Water  | Copper    | 6.95          | J | 2.30  | 8.00 | 10.0 | ug/L  |
| Q2815-25                    | TW-11M-W  | Water  | Iron      | 15.0          | J | 11.7  | 40.0 | 50.0 | ug/L  |
| Q2815-25                    | TW-11M-W  | Water  | Magnesium | 4120          |   | 122   | 250  | 1000 | ug/L  |
| Q2815-25                    | TW-11M-W  | Water  | Manganese | 44.9          |   | 2.97  | 7.50 | 10.0 | ug/L  |
| Q2815-25                    | TW-11M-W  | Water  | Mercury   | 0.18          | J | 0.076 | 0.16 | 0.20 | ug/L  |
| Q2815-25                    | TW-11M-W  | Water  | Potassium | 3480          |   | 459   | 800  | 1000 | ug/L  |
| Q2815-25                    | TW-11M-W  | Water  | Sodium    | 12700         |   | 434   | 500  | 1000 | ug/L  |
| Q2815-25                    | TW-11M-W  | Water  | Vanadium  | 7.88          | J | 3.13  | 10.0 | 20.0 | ug/L  |
| Q2815-25                    | TW-11M-W  | Water  | Zinc      | 18.3          | J | 8.33  | 7.50 | 20.0 | ug/L  |