

**Metals**  
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**ICP SERIAL DILUTIONS**

SAMPLE NO.

OR-03-030425L

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM Lb No.: lb134928 Lab Sample ID : Q1482-01L SDG No.: Q1488

Matrix (soil/water): Solid Level (low/med): LOW

Concentration Units: mg/Kg

| Analyte   | Initial Sample Result (I) |   | Serial Dilution Result (S) |   | % Differ-ence | Q | M |
|-----------|---------------------------|---|----------------------------|---|---------------|---|---|
|           | C                         |   | C                          |   |               |   |   |
| Aluminum  | 6780                      |   | 7540                       |   | 11            |   | P |
| Antimony  | 2.39                      | U | 12.0                       | U |               |   | P |
| Arsenic   | 2.23                      |   | 2.89                       | J | 30            |   | P |
| Barium    | 28.9                      |   | 31.9                       |   | 11            |   | P |
| Beryllium | 0.40                      |   | 0.48                       | J | 21            |   | P |
| Cadmium   | 0.29                      | U | 1.44                       | U |               |   | P |
| Calcium   | 807                       |   | 928                        |   | 15            |   | P |
| Chromium  | 9.62                      |   | 10.8                       |   | 13            |   | P |
| Cobalt    | 4.92                      |   | 4.82                       | J | 2             |   | P |
| Copper    | 13.3                      |   | 15.6                       |   | 17            |   | P |
| Iron      | 12100                     |   | 13400                      |   | 11            |   | P |
| Lead      | 9.00                      |   | 9.93                       |   | 10            |   | P |
| Magnesium | 1710                      |   | 1940                       |   | 14            |   | P |
| Manganese | 144                       |   | 169                        |   | 17            |   | P |
| Nickel    | 9.43                      |   | 9.40                       | J | 0             |   | P |
| Potassium | 453                       |   | 472                        | J | 4             |   | P |
| Selenium  | 0.42                      | J | 4.79                       | U | 100.0         |   | P |
| Silver    | 1.44                      |   | 1.55                       | J | 8             |   | P |
| Sodium    | 332                       |   | 358                        | J | 8             |   | P |
| Thallium  | 0.50                      | J | 9.58                       | U | 100.0         |   | P |
| Vanadium  | 18.5                      |   | 21.1                       |   | 14            |   | P |
| Zinc      | 20.5                      |   | 23.2                       |   | 13            |   | P |

**Metals**

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**ICP SERIAL DILUTIONS**

**SAMPLE NO.**

ENV-104-GW01L

**Lab Name:** Chemtech Consulting Group

**Contract:** PORT06

**Lab Code:** CHEM

**Lb No.:** lb134901

**Lab Sample ID :** Q1488-14L

**SDG No.:** Q1488

**Matrix (soil/water):** Water

**Level (low/med):** LOW

**Concentration Units:** ug/L

| Analyte | Initial Sample<br>Result (I)<br>C | Serial Dilution<br>Result (S)<br>C | % Differ-<br>ence | Q | M  |
|---------|-----------------------------------|------------------------------------|-------------------|---|----|
| Mercury | 0.49                              | 1.00 U                             | 100.0             |   | CV |

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**ICP SERIAL DILUTIONS**

SAMPLE NO.

PURGE-WATERL

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM Lb No.: lb134987 Lab Sample ID : Q1494-01L SDG No.: Q1488

Matrix (soil/water): Water Level (low/med): LOW

Concentration Units: ug/L

| Analyte   | Initial Sample Result (I) |   | Serial Dilution Result (S) |   | % Differ-<br>ence | Q | M |
|-----------|---------------------------|---|----------------------------|---|-------------------|---|---|
|           |                           | C |                            | C |                   |   |   |
| Aluminum  | 217                       |   | 286                        |   | 31                |   | P |
| Antimony  | 25.0                      | U | 125                        | U |                   |   | P |
| Arsenic   | 10.0                      | U | 50.0                       | U |                   |   | P |
| Barium    | 39.0                      | J | 37.2                       | J | 5                 |   | P |
| Beryllium | 3.00                      | U | 15.0                       | U |                   |   | P |
| Cadmium   | 3.00                      | U | 15.0                       | U |                   |   | P |
| Calcium   | 24600                     |   | 25100                      |   | 2                 |   | P |
| Chromium  | 1.05                      | J | 25.0                       | U | 100.0             |   | P |
| Cobalt    | 0.75                      | J | 75.0                       | U | 100.0             |   | P |
| Copper    | 10.0                      | U | 50.0                       | U |                   |   | P |
| Iron      | 4880                      |   | 4830                       |   | 1                 |   | P |
| Lead      | 6.00                      | U | 30.0                       | U |                   |   | P |
| Magnesium | 6670                      |   | 6870                       |   | 3                 |   | P |
| Manganese | 891                       |   | 923                        |   | 4                 |   | P |
| Nickel    | 4.29                      | J | 100                        | U | 100.0             |   | P |
| Potassium | 4820                      |   | 4450                       | J | 8                 |   | P |
| Selenium  | 10.0                      | U | 50.0                       | U |                   |   | P |
| Silver    | 5.00                      | U | 25.0                       | U |                   |   | P |
| Sodium    | 43200                     |   | 41900                      |   | 3                 |   | P |
| Thallium  | 20.0                      | U | 100                        | U |                   |   | P |
| Vanadium  | 20.0                      | U | 100                        | U |                   |   | P |
| Zinc      | 20.0                      | U | 100                        | U |                   |   | P |

**Metals**

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**ICP SERIAL DILUTIONS**

**SAMPLE NO.**

SOIL-COMPL

**Lab Name:** Chemtech Consulting Group

**Contract:** PORT06

**Lab Code:** CHEM

**Lb No.:** lb134917

**Lab Sample ID :** Q1494-07L

**SDG No.:** Q1488

**Matrix (soil/water):** Solid

**Level (low/med):** LOW

**Concentration Units:** mg/Kg

| Analyte | Initial Sample Result (I) |   | Serial Dilution Result (S) |   | % Difference | Q | M  |
|---------|---------------------------|---|----------------------------|---|--------------|---|----|
|         | C                         |   | C                          |   |              |   |    |
| Mercury | 0.013                     | U | 0.067                      | U |              |   | CV |