

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** First Environment, Inc.

**SDG No.:** Q2815

**Contract:** FIRS02

**Lab Code:** ACE

| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB169202BS<br>Mercury | ug/L  | 4.0        | 4.14   |   | 104           | 82 - 119             | CV |

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|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB169232BS |       |            |        |   |               |                      |   |
| Aluminum   | ug/L  | 1000       | 1020   |   | 102           | 86 - 115             | P |
| Antimony   | ug/L  | 400        | 414    |   | 104           | 88 - 113             | P |
| Arsenic    | ug/L  | 400        | 400    |   | 100           | 87 - 113             | P |
| Barium     | ug/L  | 100        | 97.5   |   | 98            | 88 - 113             | P |
| Beryllium  | ug/L  | 100        | 102    |   | 102           | 89 - 112             | P |
| Cadmium    | ug/L  | 100        | 97.0   |   | 97            | 88 - 113             | P |
| Calcium    | ug/L  | 500        | 530    | J | 106           | 87 - 113             | P |
| Chromium   | ug/L  | 200        | 210    |   | 105           | 90 - 113             | P |
| Cobalt     | ug/L  | 100        | 99.9   |   | 100           | 89 - 114             | P |
| Copper     | ug/L  | 150        | 158    |   | 105           | 86 - 114             | P |
| Iron       | ug/L  | 1500       | 1520   |   | 101           | 87 - 115             | P |
| Lead       | ug/L  | 500        | 488    |   | 98            | 86 - 113             | P |
| Magnesium  | ug/L  | 1000       | 1030   |   | 103           | 85 - 113             | P |
| Manganese  | ug/L  | 100        | 103    |   | 103           | 90 - 114             | P |
| Nickel     | ug/L  | 250        | 251    |   | 100           | 88 - 113             | P |
| Potassium  | ug/L  | 5000       | 4910   |   | 98            | 86 - 114             | P |
| Selenium   | ug/L  | 1000       | 1010   |   | 101           | 83 - 114             | P |
| Silver     | ug/L  | 37.5       | 38.8   |   | 104           | 84 - 115             | P |
| Sodium     | ug/L  | 1500       | 1400   |   | 93            | 87 - 115             | P |
| Thallium   | ug/L  | 1000       | 1070   |   | 107           | 85 - 114             | P |
| Vanadium   | ug/L  | 150        | 154    |   | 103           | 90 - 111             | P |
| Zinc       | ug/L  | 100        | 106    |   | 106           | 87 - 115             | P |

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|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB169249BS<br>Mercury | ug/L  | 4.0        | 4.19   |   | 105           | 82 - 119             | CV |