

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

**Client:** G Environmental **Level:** LOW **SDG No.:** Q1576  
**Contract:** GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576  
**Matrix:** Water **Sample ID:** Q1553-03 **Client ID:** FRAC-TANK-FMI120DUP  
**Percent Solids for Sample:** NA **Duplicate ID** Q1553-03DUP **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | C | Duplicate<br>Result | C | RPD | Qual | M  |
|---------|-------|---------------------|------------------|---|---------------------|---|-----|------|----|
| Mercury | ug/L  | 20                  | 0.28             |   | 0.25                |   | 11  |      | CV |

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**DUPLICATE SAMPLE SUMMARY**

**Client:** G Environmental **Level:** LOW **SDG No.:** Q1576  
**Contract:** GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576  
**Matrix:** Water **Sample ID:** Q1553-03MS **Client ID:** FRAC-TANK-FMI120MSD  
**Percent Solids for Sample:** NA **Duplicate ID** Q1553-03MSD **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | C | Duplicate<br>Result | C | RPD | Qual | M  |
|---------|-------|---------------------|------------------|---|---------------------|---|-----|------|----|
| Mercury | ug/L  | 20                  | 2.78             |   | 2.87                |   | 3   |      | CV |

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**DUPLICATE SAMPLE SUMMARY**

**Client:** G Environmental **Level:** LOW **SDG No.:** Q1576  
**Contract:** GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576  
**Matrix:** Water **Sample ID:** Q1576-01 **Client ID:** MW14DUP  
**Percent Solids for Sample:** NA **Duplicate ID** Q1576-01DUP **Percent Solids for Spike Sample:** NA

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD   | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-------|------|---|
| Aluminum  | ug/L  | 20               | 14200         |   | 14200            |   | 0     |      | P |
| Antimony  | ug/L  | 20               | 2.18          | J | 25.0             | U | 200.0 |      | P |
| Arsenic   | ug/L  | 20               | 28300         | D | 27800            | D | 2     |      | P |
| Barium    | ug/L  | 20               | 377           |   | 379              |   | 1     |      | P |
| Beryllium | ug/L  | 20               | 1.76          | J | 1.75             | J | 1     |      | P |
| Cadmium   | ug/L  | 20               | 22.1          |   | 22.1             |   | 0     |      | P |
| Calcium   | ug/L  | 20               | 151000        |   | 151000           |   | 0     |      | P |
| Chromium  | ug/L  | 20               | 137           |   | 136              |   | 1     |      | P |
| Cobalt    | ug/L  | 20               | 10.3          | J | 10.7             | J | 4     |      | P |
| Copper    | ug/L  | 20               | 512           |   | 512              |   | 0     |      | P |
| Iron      | ug/L  | 20               | 192000        |   | 191000           |   | 1     |      | P |
| Lead      | ug/L  | 20               | 1010          |   | 1000             |   | 1     |      | P |
| Magnesium | ug/L  | 20               | 17500         |   | 17500            |   | 0     |      | P |
| Manganese | ug/L  | 20               | 1100          |   | 1110             |   | 1     |      | P |
| Nickel    | ug/L  | 20               | 31.0          |   | 30.9             |   | 0     |      | P |
| Potassium | ug/L  | 20               | 17700         |   | 17500            |   | 1     |      | P |
| Selenium  | ug/L  | 20               | 10.0          | U | 10.0             | U |       |      | P |
| Silver    | ug/L  | 20               | 5.00          | U | 5.00             | U |       |      | P |
| Sodium    | ug/L  | 20               | 127000        |   | 128000           |   | 1     |      | P |
| Thallium  | ug/L  | 20               | 13.9          | J | 14.2             | J | 2     |      | P |
| Vanadium  | ug/L  | 20               | 42.5          |   | 41.9             |   | 1     |      | P |
| Zinc      | ug/L  | 20               | 2390          |   | 2380             |   | 0     |      | P |

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**DUPLICATE SAMPLE SUMMARY**

**Client:** G Environmental **Level:** LOW **SDG No.:** Q1576  
**Contract:** GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576  
**Matrix:** Water **Sample ID:** Q1576-01MS **Client ID:** MW14MSD  
**Percent Solids for Sample:** NA **Duplicate ID** Q1576-01MSD **Percent Solids for Spike Sample:** NA

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum  | ug/L  | 20               | 14900         |   | 15800            |   | 6   |      | P |
| Antimony  | ug/L  | 20               | 357           |   | 375              |   | 5   |      | P |
| Arsenic   | ug/L  | 20               | 24400         | D | 24700            | D | 1   |      | P |
| Barium    | ug/L  | 20               | 436           |   | 457              |   | 5   |      | P |
| Beryllium | ug/L  | 20               | 83.2          |   | 91.4             |   | 9   |      | P |
| Cadmium   | ug/L  | 20               | 107           |   | 115              |   | 7   |      | P |
| Calcium   | ug/L  | 20               | 144000        |   | 152000           |   | 5   |      | P |
| Chromium  | ug/L  | 20               | 305           |   | 320              |   | 5   |      | P |
| Cobalt    | ug/L  | 20               | 99.2          |   | 106              |   | 7   |      | P |
| Copper    | ug/L  | 20               | 600           |   | 639              |   | 6   |      | P |
| Iron      | ug/L  | 20               | 180000        |   | 184000           |   | 2   |      | P |
| Lead      | ug/L  | 20               | 1320          |   | 1400             |   | 6   |      | P |
| Magnesium | ug/L  | 20               | 17500         |   | 18700            |   | 7   |      | P |
| Manganese | ug/L  | 20               | 1120          |   | 1190             |   | 6   |      | P |
| Nickel    | ug/L  | 20               | 249           |   | 265              |   | 6   |      | P |
| Potassium | ug/L  | 20               | 22400         |   | 23200            |   | 4   |      | P |
| Selenium  | ug/L  | 20               | 939           |   | 995              |   | 6   |      | P |
| Silver    | ug/L  | 20               | 11.6          |   | 11.3             |   | 3   |      | P |
| Sodium    | ug/L  | 20               | 124000        |   | 128000           |   | 3   |      | P |
| Thallium  | ug/L  | 20               | 825           |   | 886              |   | 7   |      | P |
| Vanadium  | ug/L  | 20               | 170           |   | 181              |   | 6   |      | P |
| Zinc      | ug/L  | 20               | 2380          |   | 2520             |   | 6   |      | P |