

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                   |               |                     |                 |                                         |                     |
|-----------------------------------|---------------|---------------------|-----------------|-----------------------------------------|---------------------|
| <b>Client:</b>                    | <u>AECOM</u>  | <b>Level:</b>       | <u>LOW</u>      | <b>SDG No.:</b>                         | <u>Q3422</u>        |
| <b>Contract:</b>                  | <u>AECO02</u> |                     |                 | <b>Lab Code:</b>                        | <u>ACE</u>          |
| <b>Matrix:</b>                    | <u>Water</u>  | <b>Sample ID:</b>   | <u>Q3420-05</u> | <b>Client ID:</b>                       | <u>COMPOSITEDUP</u> |
| <b>Percent Solids for Sample:</b> | NA            | <b>Duplicate ID</b> | Q3420-05DUP     | <b>Percent Solids for Spike Sample:</b> | NA                  |

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD   | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-------|------|---|
| Aluminum  | ug/L  | 20               | 1360          |   | 1400             |   | 3     |      | P |
| Antimony  | ug/L  | 20               | 25.0          | U | 25.0             | U |       |      | P |
| Arsenic   | ug/L  | 20               | 51.5          |   | 52.1             |   | 1     |      | P |
| Barium    | ug/L  | 20               | 50.0          | U | 50.0             | U |       |      | P |
| Beryllium | ug/L  | 20               | 3.00          | U | 3.00             | U |       |      | P |
| Cadmium   | ug/L  | 20               | 3.00          | U | 3.00             | U |       |      | P |
| Calcium   | ug/L  | 20               | 809           | J | 816              | J | 1     |      | P |
| Chromium  | ug/L  | 20               | 15.9          |   | 16.1             |   | 1     |      | P |
| Cobalt    | ug/L  | 20               | 15.0          | U | 15.0             | U |       |      | P |
| Copper    | ug/L  | 20               | 7.37          | J | 7.41             | J | 1     |      | P |
| Iron      | ug/L  | 20               | 473           |   | 470              |   | 1     |      | P |
| Lead      | ug/L  | 20               | 1.84          | J | 2.17             | J | 16    |      | P |
| Magnesium | ug/L  | 20               | 642           | J | 652              | J | 2     |      | P |
| Manganese | ug/L  | 20               | 10.1          |   | 10.1             |   | 0     |      | P |
| Nickel    | ug/L  | 20               | 15.0          | J | 14.8             | J | 1     |      | P |
| Potassium | ug/L  | 20               | 11400         |   | 18000            |   | 45    | *    | P |
| Selenium  | ug/L  | 20               | 492           |   | 491              |   | 0     |      | P |
| Silver    | ug/L  | 20               | 5.00          | U | 5.00             | U |       |      | P |
| Sodium    | ug/L  | 20               | 6230000       | D | 5950000          | D | 5     |      | P |
| Thallium  | ug/L  | 20               | 20.0          | U | 20.0             | U |       |      | P |
| Vanadium  | ug/L  | 20               | 20.0          | U | 4.20             | J | 200.0 |      | P |
| Zinc      | ug/L  | 20               | 266           |   | 271              |   | 2     |      | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                   |               |                     |                   |                                         |                     |
|-----------------------------------|---------------|---------------------|-------------------|-----------------------------------------|---------------------|
| <b>Client:</b>                    | <u>AECOM</u>  | <b>Level:</b>       | <u>LOW</u>        | <b>SDG No.:</b>                         | <u>Q3422</u>        |
| <b>Contract:</b>                  | <u>AECO02</u> |                     |                   | <b>Lab Code:</b>                        | <u>ACE</u>          |
| <b>Matrix:</b>                    | <u>Water</u>  | <b>Sample ID:</b>   | <u>Q3420-05MS</u> | <b>Client ID:</b>                       | <u>COMPOSITEMSD</u> |
| <b>Percent Solids for Sample:</b> | NA            | <b>Duplicate ID</b> | Q3420-05MSD       | <b>Percent Solids for Spike Sample:</b> | NA                  |

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum  | ug/L  | 20               | 2560          |   | 2410             |   | 6   |      | P |
| Antimony  | ug/L  | 20               | 507           |   | 460              |   | 10  |      | P |
| Arsenic   | ug/L  | 20               | 563           |   | 513              |   | 9   |      | P |
| Barium    | ug/L  | 20               | 111           |   | 99.6             |   | 11  |      | P |
| Beryllium | ug/L  | 20               | 96.0          |   | 81.9             |   | 16  |      | P |
| Cadmium   | ug/L  | 20               | 108           |   | 97.2             |   | 11  |      | P |
| Calcium   | ug/L  | 20               | 1360          |   | 1300             |   | 5   |      | P |
| Chromium  | ug/L  | 20               | 221           |   | 200              |   | 10  |      | P |
| Cobalt    | ug/L  | 20               | 108           |   | 97.6             |   | 10  |      | P |
| Copper    | ug/L  | 20               | 149           |   | 135              |   | 10  |      | P |
| Iron      | ug/L  | 20               | 2550          |   | 2420             |   | 5   |      | P |
| Lead      | ug/L  | 20               | 492           |   | 441              |   | 11  |      | P |
| Magnesium | ug/L  | 20               | 1640          |   | 1500             |   | 9   |      | P |
| Manganese | ug/L  | 20               | 112           |   | 101              |   | 10  |      | P |
| Nickel    | ug/L  | 20               | 282           |   | 255              |   | 10  |      | P |
| Potassium | ug/L  | 20               | 30200         |   | 32500            |   | 7   |      | P |
| Selenium  | ug/L  | 20               | 1880          |   | 1760             |   | 7   |      | P |
| Silver    | ug/L  | 20               | 55.1          |   | 49.9             |   | 10  |      | P |
| Sodium    | ug/L  | 20               | 5870000       | D | 5840000          | D | 1   |      | P |
| Thallium  | ug/L  | 20               | 1020          |   | 931              |   | 9   |      | P |
| Vanadium  | ug/L  | 20               | 161           |   | 144              |   | 11  |      | P |
| Zinc      | ug/L  | 20               | 413           |   | 401              |   | 3   |      | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                   |               |                     |                 |                                         |                              |
|-----------------------------------|---------------|---------------------|-----------------|-----------------------------------------|------------------------------|
| <b>Client:</b>                    | <u>AECOM</u>  | <b>Level:</b>       | <u>LOW</u>      | <b>SDG No.:</b>                         | <u>Q3422</u>                 |
| <b>Contract:</b>                  | <u>AECO02</u> |                     |                 | <b>Lab Code:</b>                        | <u>ACE</u>                   |
| <b>Matrix:</b>                    | <u>Water</u>  | <b>Sample ID:</b>   | <u>Q3434-02</u> | <b>Client ID:</b>                       | <u>PR132-WC2-20251022DUP</u> |
| <b>Percent Solids for Sample:</b> | NA            | <b>Duplicate ID</b> | Q3434-02DUP     | <b>Percent Solids for Spike Sample:</b> | NA                           |

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | C | Duplicate<br>Result | C | RPD | Qual | M  |
|---------|-------|---------------------|------------------|---|---------------------|---|-----|------|----|
| Mercury | ug/L  | 20                  | 1.03             |   | 1.04                |   | 1   |      | CV |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                             |                                        |                                                   |
|---------------------------------------------|----------------------------------------|---------------------------------------------------|
| <b>Client:</b> <u>AECOM</u>                 | <b>Level:</b> <u>LOW</u>               | <b>SDG No.:</b> <u>Q3422</u>                      |
| <b>Contract:</b> <u>AECO02</u>              |                                        | <b>Lab Code:</b> <u>ACE</u>                       |
| <b>Matrix:</b> <u>Water</u>                 | <b>Sample ID:</b> <u>Q3434-02MS</u>    | <b>Client ID:</b> <u>PR132-WC2-20251022MSD</u>    |
| <b>Percent Solids for Sample:</b> <u>NA</u> | <b>Duplicate ID</b> <u>Q3434-02MSD</u> | <b>Percent Solids for Spike Sample:</b> <u>NA</u> |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Mercury | ug/L  | 20               | 4.65          |   | 4.62             |   | 1   |      | CV |