

**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

|                                             |                                     |                                                   |
|---------------------------------------------|-------------------------------------|---------------------------------------------------|
| <b>client:</b> <u>Tetra Tech NUS, Inc.</u>  | <b>level:</b> <u>low</u>            | <b>sdg no.:</b> <u>Q2645</u>                      |
| <b>contract:</b> <u>TETR06</u>              |                                     | <b>lab code:</b> <u>ACE</u>                       |
| <b>matrix:</b> <u>Water</u>                 | <b>sample id:</b> <u>Q2649-24</u>   | <b>client id:</b> <u>WC-6MS</u>                   |
| <b>Percent Solids for Sample:</b> <u>NA</u> | <b>Spiked ID:</b> <u>Q2649-24MS</u> | <b>Percent Solids for Spike Sample:</b> <u>NA</u> |

| Analyte  | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Arsenic  | ug/L  | 87 - 113               | 4230             |   | 100              | U | 4000           | 106           |      | P  |
| Barium   | ug/L  | 88 - 113               | 2520             |   | 1260             |   | 1000           | 127           | N    | P  |
| Cadmium  | ug/L  | 88 - 113               | 1010             |   | 30.0             | U | 1000           | 101           |      | P  |
| Chromium | ug/L  | 90 - 113               | 2030             |   | 50.0             | U | 2000           | 102           |      | P  |
| Lead     | ug/L  | 86 - 113               | 4900             |   | 64.2             |   | 5000           | 97            |      | P  |
| Mercury  | ug/L  | 82 - 119               | 26.3             |   | 2.00             | U | 40.0           | 66            | N    | CV |
| Selenium | ug/L  | 83 - 114               | 10700            |   | 100              | U | 10000          | 107           |      | P  |
| Silver   | ug/L  | 84 - 115               | 394              |   | 50.0             | U | 380            | 104           |      | P  |

**metals**  
**- 5a -**  
**MATRIX SPIKE DUPLICATE SUMMARY**

|                                             |                                      |                                                   |
|---------------------------------------------|--------------------------------------|---------------------------------------------------|
| <b>client:</b> <u>Tetra Tech NUS, Inc.</u>  | <b>level:</b> <u>low</u>             | <b>sdg no.:</b> <u>Q2645</u>                      |
| <b>contract:</b> <u>TETR06</u>              |                                      | <b>lab code:</b> <u>ACE</u>                       |
| <b>matrix:</b> <u>Water</u>                 | <b>sample id:</b> <u>Q2649-24</u>    | <b>client id:</b> <u>WC-6MSD</u>                  |
| <b>Percent Solids for Sample:</b> <u>NA</u> | <b>Spiked ID:</b> <u>Q2649-24MSD</u> | <b>Percent Solids for Spike Sample:</b> <u>NA</u> |

| Analyte  | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|----------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|----|
| Arsenic  | ug/L  | 87 - 113               | 4100          |   | 100              | U | 4000           | 102           |      | P  |
| Barium   | ug/L  | 88 - 113               | 2690          |   | 1260             |   | 1000           | 144           | N    | P  |
| Cadmium  | ug/L  | 88 - 113               | 984           |   | 30.0             | U | 1000           | 98            |      | P  |
| Chromium | ug/L  | 90 - 113               | 2000          |   | 50.0             | U | 2000           | 100           |      | P  |
| Lead     | ug/L  | 86 - 113               | 4770          |   | 64.2             |   | 5000           | 94            |      | P  |
| Mercury  | ug/L  | 82 - 119               | 27.3          |   | 2.00             | U | 40.0           | 68            | N    | CV |
| Selenium | ug/L  | 83 - 114               | 10300         |   | 100              | U | 10000          | 103           |      | P  |
| Silver   | ug/L  | 84 - 115               | 388           |   | 50.0             | U | 380            | 102           |      | P  |