

SOP ID : M365.3 & SM4500-P E-18

SDG No : N/A

Start Digest Date: 06/04/2025 Time : 10:20 Temp : 95 °C

Matrix : WATER

End Digest Date: 06/04/2025 Time : 11:20 Temp : 96 °C

Pipette ID : WC

Balance ID : N/A

Hood ID : HOOD#3

Digestion tube ID : M5595

Block Thermometer ID : WC-BLOCK#1

Block ID : WC S-1, WC S-2

Filter paper ID : 400213

Prep Technician Signature: 12

Weigh By : IZ

pH Meter ID : N/A

Supervisor Signature: JP

| Standard Name     | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| LCSW              | 0.5ML    | WP112914            |
| MS/MSD SPIKE SOL. | 0.5ML    | WP112913            |
| PBW               | 50.ML    | W3112               |
| LOD               | 50.0ML   | WP113344            |
| LOQ               | 50ML     | WP113343            |

| Chemical Used       | ML/SAMPLE USED | Lot Number |
|---------------------|----------------|------------|
| 11N H2SO4           | 1ML            | WP112615   |
| AMMONIUM PERSULFATE | 0.4g           | W3035      |
| pH Paper 0-14       | N/A            | W3140      |
| N/A                 | N/A            | N/A        |
| N/A                 | N/A            | N/A        |
| N/A                 | N/A            | N/A        |
| N/A                 | N/A            | N/A        |
| N/A                 | N/A            | N/A        |
| N/A                 | N/A            | N/A        |
| N/A                 | N/A            | N/A        |
| N/A                 | N/A            | N/A        |

| LAB SAMPLE ID | CLIENT SAMPLE ID | Wt(g)/Vol(ml) | Comment  |
|---------------|------------------|---------------|----------|
| CAL1          | CAL1             | 50.0ML        | WP113334 |
| CAL2          | CAL2             | 50.0ML        | WP113335 |
| CAL3          | CAL3             | 50.0ML        | WP113336 |
| CAL4          | CAL4             | 50.0ML        | WP113337 |
| CAL5          | CAL5             | 50.0ML        | WP113338 |
| CAL6          | CAL6             | 50.0ML        | WP113339 |
| ICV           | ICV              | 50.0ML        | WP113341 |
| ICB           | ICB              | 50.0ML        | W3112    |
| CCV           | CCV              | 50.0ML        | WP113340 |
| CCB           | CCB              | 50.0ML        | W3112    |

Extraction Conformance/Non-Conformance Comments:

N/A

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
|             |                                         |                      |
|             | Preparation Group                       | Analysis Group       |

06/04/25 R

| Lab Sample ID | Client Sample ID          | Initial Vol (ml) | Final Vol (ml) | pH | Sulfide | Oxidizing | Nitrate/<br>Nitrite | Comment | Prep Pos |
|---------------|---------------------------|------------------|----------------|----|---------|-----------|---------------------|---------|----------|
| PB168270BL    | PBW270                    | 50               | 50             | <2 | N/A     | N/A       | N/A                 | N/A     | N/A      |
| PB168270BS    | LCS270                    | 50               | 50             | <2 | N/A     | N/A       | N/A                 | N/A     | N/A      |
| Q2126-07      | LOD-MDL-WATER-01-QT2-2025 | 50               | 50             | <2 | N/A     | N/A       | N/A                 | N/A     | N/A      |
| Q2126-08      | LOQ-WATER-02-QT2-2025     | 50               | 50             | <2 | N/A     | N/A       | N/A                 | N/A     | N/A      |
| Q2191-01      | EFFLUENT                  | 50               | 50             | <2 | N/A     | N/A       | N/A                 | N/A     | N/A      |
| Q2191-01DUP   | EFFLUENTDUP               | 50               | 50             | <2 | N/A     | N/A       | N/A                 | N/A     | N/A      |
| Q2191-01MS    | EFFLUENTMS                | 50               | 50             | <2 | N/A     | N/A       | N/A                 | N/A     | N/A      |
| Q2191-01MSD   | EFFLUENTMSD               | 50               | 50             | <2 | N/A     | N/A       | N/A                 | N/A     | N/A      |