

SOP ID : M200.7-Trace Elements-22

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 09/22/2025 Time : 12:35 Temp : 95 °C

End Digest Date: 09/22/2025 Time : ~~15:40~~ Temp : 95 °C

Digestion tube ID: M5595 14:00 sj  
09/23/25

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SKS*

Supervisor Signature: *SA*

Temp : 1. 95°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LFS-1         | 0.25     | M6180               |
| LFS-2         | 0.25     | M6181               |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---------------|----------------|------------|
| Conc. HNO3    | 3.00           | M6158      |
| 1:1 HCL       | 5.00           | MP85156    |
| 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        |

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

| Date / Time                        | Prepped Sample Relinquished By/Location | Received By/Location                      |
|------------------------------------|-----------------------------------------|-------------------------------------------|
| 09/22/25 <del>15:40</del><br>14:05 | <i>SKS met dig</i><br>Preparation Group | <i>SA (to Clark AS)</i><br>Analysis Group |

| Lab Sample ID | Client Sample ID             | pH | Initial Vol (ml) | Final Vol (ml) | Color Before | Color After | Clarity Before | Clarity After | Comment     | Prep Pos |
|---------------|------------------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|-------------|----------|
| PB169779BL    | PBW779                       | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 1        |
| PB169779BS    | LCS779                       | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6180,M6181 | 2        |
| Q3144-01      | MENS BATHROOM 1ST RUN        | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 3        |
| Q3144-02      | MEN BATHROOM 2ND RUN         | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 4        |
| Q3144-03      | CLASSROOM I 1ST RUN          | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 5        |
| Q3144-04      | CLASSROOM I 2ND RUN          | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 6        |
| Q3144-05      | LADIES BATHROOM 1ST RUN      | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 7        |
| Q3144-06      | LADIES BATHROOM 2ND RUN      | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 8        |
| Q3144-07      | FOUNTAIN 1ST RUN             | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 9        |
| Q3144-08      | FOUNTAIN 2ND RUN             | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 10       |
| Q3144-09      | CLASSROOM 4 1ST RUN          | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 11       |
| Q3144-10      | CLASSROOM 4 2ND RUN          | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 12       |
| Q3144-11      | CLASSROOM I BATHROOM 1ST RUN | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 13       |
| Q3144-12      | CLASSROOM I BATHROOM 2ND RUN | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 14       |
| Q3144-13      | CLASSROOM 2 SINK 1ST RUN     | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 15       |
| Q3144-14      | CLASSROOM 2 SINK 2ND RUN     | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 16       |
| Q3144-15      | CLASSROOM 2 BATHROOM 1ST RUN | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 17       |
| Q3144-16      | CLASSROOM 2 BATHROOM 2ND RUN | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 18       |
| Q3148-01      | 001 WILLETS PT BLVD (SEP)    | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 19       |
| Q3148-02      | 002 35TH AVE(SEP)            | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 20       |
| Q3149-01      | 001 WILLETS PT BLVD (AUG)    | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 21       |
| Q3149-02      | 002 35TH AVE(AUG)            | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 22       |
| Q3149-02MS    | 002 35TH AVE(AUG)MS          | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6180,M6181 | 24       |
| Q3149-02MSD   | 002 35TH AVE(AUG)MSD         | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6180,M6181 | 25       |
| Q3149-02DUP   | 002 35TH AVE(AUG)DUP         | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 23       |