

**SOP ID :** M1312-SPLP-10  
**SDG No :** N/A  
**Weigh By :** JP  
**Balance ID :** WC SC-7  
**pH Meter ID :** WC PH METER-1  
**Extraction By :** JP  
**Filter By :** JP  
**Pipette ID :** WC  
**Tumbler ID :** T-1  
**TCLP Filter ID :** 115525

**Start Prep Date :** 08/15/2025 **Time :** 17:00  
**End Prep Date :** 08/16/2025 **Time :** 11:25  
**Combination Ratio :** 20  
**ZHE Cleaning Batch :** N/A  
**Initial Room Temperature:** 24 °C  
**Final Room Temperature:** 21 °C  
**TCLP Technician Signature :** [Signature]  
**Supervisor By :** RM

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| 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                 |

| Chemical Used        | ML/SAMPLE U         | Lot Number                 |
|----------------------|---------------------|----------------------------|
| SPLP FLUID           | N/A                 | WP112802                   |
| N/A                  | N/A                 | N/A                        |
| HNO3-TCLP, 1N        | N/A                 | WP112799                   |
| pH Strips            | N/A                 | W1931, W1934, W3171, W3172 |
| pH Strips            | W1940, W1941, W1942 | W3166, W1938, W1939,       |
| N/A                  | N/A                 | N/A                        |
| 120ml Plastic bottle | N/A                 | 2738                       |
| 1:1 HNO3             | N/A                 | MP84041                    |

**Extraction Conformance/Non-Conformance Comments:**

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked, 30 rpm. q2879-18 is used for MS-MSD.

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 08/18/25    | [Signature] / TCN Room                  | S/S, [Signature]     |
| 08/18/25    | Preparation Group                       | Analysis Group       |

11:30

| Sample ID  | ClientID                    | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|------------|-----------------------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| PB169276TB | LEB276                      | 10             | N/A           | 2000                            | N/A          | N/A            | N/A             | 4.24              | 1.5                     | T-1      |
| Q2879-02   | OU4-TS-GRILLO-TSCP03-081425 | 01             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 3.5               | 1.0                     | T-1      |
| Q2879-04   | OU4-TS-GRILLO-TSCP04-081425 | 02             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 4.0               | 1.0                     | T-1      |
| Q2879-06   | OU4-TS-GRILLO-TSCP05-081425 | 03             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 3.5               | 1.0                     | T-1      |
| Q2879-08   | OU4-TS-GRILLO-TSCP06-081425 | 04             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 3.5               | 1.5                     | T-1      |
| Q2879-10   | OU4-TS-GRILLO-TSCP07-081425 | 05             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.0                     | T-1      |
| Q2879-12   | OU4-TS-GRILLO-TSCP08-081425 | 06             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 4.5               | 1.5                     | T-1      |
| Q2879-14   | OU4-TS-GRILLO-TSCP09-081425 | 07             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 3.5               | 1.0                     | T-1      |
| Q2879-16   | OU4-TS-GRILLO-TSCP10-081425 | 08             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 4.0               | 1.5                     | T-1      |
| Q2879-18   | OU4-TS-GRILLO-TSCP11-081425 | 09             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.0                     | T-1      |

| <b>SampleID</b> | <b>ClientID</b>             | <b>Sample Weight (g)</b> | <b>Filter Weight (g)</b> | <b>Filtrate (mL)</b> | <b>Filter + Solid (After 100°C)</b> | <b>% solids</b> | <b>% Dry Solids</b> |
|-----------------|-----------------------------|--------------------------|--------------------------|----------------------|-------------------------------------|-----------------|---------------------|
| PB169276TB      | LEB276                      | N/A                      | N/A                      | N/A                  | N/A                                 | N/A             | N/A                 |
| Q2879-02        | OU4-TS-GRILLO-TSCP03-081425 | N/A                      | N/A                      | N/A                  | N/A                                 | 100             | N/A                 |
| Q2879-04        | OU4-TS-GRILLO-TSCP04-081425 | N/A                      | N/A                      | N/A                  | N/A                                 | 100             | N/A                 |
| Q2879-06        | OU4-TS-GRILLO-TSCP05-081425 | N/A                      | N/A                      | N/A                  | N/A                                 | 100             | N/A                 |
| Q2879-08        | OU4-TS-GRILLO-TSCP06-081425 | N/A                      | N/A                      | N/A                  | N/A                                 | 100             | N/A                 |
| Q2879-10        | OU4-TS-GRILLO-TSCP07-081425 | N/A                      | N/A                      | N/A                  | N/A                                 | 100             | N/A                 |
| Q2879-12        | OU4-TS-GRILLO-TSCP08-081425 | N/A                      | N/A                      | N/A                  | N/A                                 | 100             | N/A                 |
| Q2879-14        | OU4-TS-GRILLO-TSCP09-081425 | N/A                      | N/A                      | N/A                  | N/A                                 | 100             | N/A                 |
| Q2879-16        | OU4-TS-GRILLO-TSCP10-081425 | N/A                      | N/A                      | N/A                  | N/A                                 | 100             | N/A                 |
| Q2879-18        | OU4-TS-GRILLO-TSCP11-081425 | N/A                      | N/A                      | N/A                  | N/A                                 | 100             | N/A                 |

**Hot Block ID :** WC S-1 / WC S-2
**Thermometer ID :** FLASHPOINT

| SampleID   | ClientID                    | Sample Weight (g) | Volume DI Water (mL) | PH after 5 min stir | PH after 10 min stir | Extraction Fluid 1 or 2 | pH Extraction Fluid |
|------------|-----------------------------|-------------------|----------------------|---------------------|----------------------|-------------------------|---------------------|
| PB169276TB | LEB276                      | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.24                |
| Q2879-02   | OU4-TS-GRILLO-TSCP03-081425 | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.24                |
| Q2879-04   | OU4-TS-GRILLO-TSCP04-081425 | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.24                |
| Q2879-06   | OU4-TS-GRILLO-TSCP05-081425 | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.24                |
| Q2879-08   | OU4-TS-GRILLO-TSCP06-081425 | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.24                |
| Q2879-10   | OU4-TS-GRILLO-TSCP07-081425 | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.24                |
| Q2879-12   | OU4-TS-GRILLO-TSCP08-081425 | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.24                |
| Q2879-14   | OU4-TS-GRILLO-TSCP09-081425 | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.24                |
| Q2879-16   | OU4-TS-GRILLO-TSCP10-081425 | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.24                |
| Q2879-18   | OU4-TS-GRILLO-TSCP11-081425 | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.24                |