

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 115525

Start Prep Date : N/A Time : N/A

End Prep Date : N/A Time : N/A

Combination Ratio : N/A

ZHE Cleaning Batch : <sup>10</sup>N/A

Initial Room Temperature : N/A

Final Room Temperature : N/A

TCLP Technician Signature : *JP*

Supervisor By : *12*

| 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                 |
|----------------------|-------------|----------------------------|
| N/A                  | N/A         | N/A                        |
| N/A                  | N/A         | N/A                        |
| HNO3-TCLP, 1N        | N/A         | WP112799                   |
| pH Strips            | N/A         | W1931, W1934, W3171, W3172 |
| pH Strips            | N/A         | 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. q2481-01 is used for MS-MSD.

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location      |
|----------------|-----------------------------------------|---------------------------|
| 07/10/15 11:00 | <i>JP</i> <i>100 Room</i>               | <i>SIB</i> <i>int dig</i> |
|                | Preparation Group                       | Analysis Group            |

| 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 |
|------------|---------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| PB168705TB | LEB705        | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 4.94              | 1.0                     | N/A      |
| Q2481-01   | CC0627-AL     | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 1.5               | N/A                     | N/A      |
| Q2481-02   | CC0627-CLOXPL | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 5.0               | 1.5                     | N/A      |
| Q2481-03   | CC0625-0XBL   | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 14.0              | 1.5                     | N/A      |
| Q2481-04   | CC0627-AOXL   | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 1.5               | N/A                     | N/A      |
| Q2481-05   | CC0625-NL     | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 10.0              | 1.5                     | N/A      |
| Q2481-06   | CC0267-0XPL   | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 6.0               | 1.0                     | N/A      |
| Q2481-07   | CC0627-0XL    | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 6.0               | 1.5                     | N/A      |
| Q2481-08   | CC0627-CLOXAL | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 5.0               | 1.5                     | N/A      |
| Q2481-09   | CC0627-BL     | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 14.0              | 1.5                     | N/A      |
| Q2481-10   | CC0627-SFBL   | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 14.0              | 1.5                     | N/A      |

| SampleID   | ClientID      | Sample Weight (g) | Filter Weight (g) | Filtrate (mL) | Filter + Solid (After 100°C) | % solids | % Dry Solids |
|------------|---------------|-------------------|-------------------|---------------|------------------------------|----------|--------------|
| PB168705TB | LEB705        | N/A               | N/A               | N/A           | N/A                          | N/A      | N/A          |
| Q2481-01   | CC0627-AL     | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-02   | CC0627-CLOXPL | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-03   | CC0625-OXBL   | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-04   | CC0627-AOXL   | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-05   | CC0625-NL     | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-06   | CC0267-OXPL   | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-07   | CC0627-OXL    | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-08   | CC0627-CLOXAL | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-09   | CC0627-BL     | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-10   | CC0627-SFBL   | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |

**Hot Block ID :** N/A
**Thermometer ID :** N/A

| 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 |
|------------|---------------|-------------------|----------------------|---------------------|----------------------|-------------------------|---------------------|
| PB168705TB | LEB705        | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-01   | CC0627-AL     | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-02   | CC0627-CLOXPL | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-03   | CC0625-OXBL   | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-04   | CC0627-AOXL   | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-05   | CC0625-NL     | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-06   | CC0627-OXPL   | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-07   | CC0627-OXL    | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-08   | CC0627-CLOXAL | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-09   | CC0627-BL     | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-10   | CC0627-SFBL   | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |