

**SOP ID :** MSM4500-NH3 B,G-Ammonia-17  
**SDG No :** N/A  
**Matrix :** SOIL  
**Pipette ID :** WC  
**Balance ID :** WC SC-7  
**Hood ID :** HOOD#2  
**Block ID :** WC-DIST-BLOCK-1  
**Weigh By :** RM

**Start Digest Date:** 11/19/2024 **Time :** 12:20 **Temp :** 150 °C  
**End Digest Date:** 11/19/2024 **Time :** 13:20 **Temp :** 160 °C

**Digestion tube ID :** M5595  
**Filter paper ID :** N/A  
**pH Meter ID :** N/A

**Block Thermometer ID :** WC CYANIDE  
**Prep Technician Signature:** RM  
**Supervisor Signature:** 12

| Standard Name     | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| LCSS              | 1.0ML    | WP110715            |
| MS/MSD SPIKE SOL. | 1.0ML    | WP110714            |
| PBS003            | 50.0ML   | W3112               |
| RL CHECK          | N/A      | AS PER PB165005     |
| N/A               | N/A      | N/A                 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---------------|----------------|------------|
| BORATE BUFFER | 2.5ML          | WP108708   |
| NAOH 6N       | 0.5-2.0ML      | WP108660   |
| H2SO4 0.04N   | 5.0ML          | WP110335   |
| 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:**

ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT  
 WP108814

| Date / Time      | Prepped Sample Relinquished By/Location | Received By/Location |
|------------------|-----------------------------------------|----------------------|
| 11/19/2024 13:30 | RM (WC)                                 | RM CWG               |
|                  | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID | Initial Weight (g) | Final Vol (ml) | pH  | Sulfide | Oxidizing | Nitrate/ Nitrite | Comment | Prep Pos |
|---------------|------------------|--------------------|----------------|-----|---------|-----------|------------------|---------|----------|
| P4852-01      | COMP-1           | 1.01               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| P4852-01DUP   | COMP-1DUP        | 1.01               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| P4852-01MS    | COMP-1MS         | 1.02               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| P4852-01MSD   | COMP-1MSD        | 1.01               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| P4852-02      | COMP-2           | 1.02               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| P4852-03      | COMP-3           | 1.01               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| PB165004BL    | PBS004           | 1.00               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| PB165004BS    | LCS004           | 1.00               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |