



## INDIVIDUAL TESTS

| TEST  | SAMPLE SIZE |       |
|---|-------------|-------|
|   | Liquid      | Solid |
| <b>TS; VS</b><br>Total Solids/Volatile Solids   | 25mL        | 25g   |
| <b>TDS; TSS w/ TS/VS</b><br>Total Dissolved / Suspended Solids                                    | 15mL        | -     |
| <b>pH</b>   | 25mL        | -     |
| <b>VFA</b><br>Volatile Fatty Acids  | 50mL        | -     |
| <b>BOD</b><br>Biological Oxygen Demand  | 300mL       | -     |
| <b>COD</b><br>Chemical Oxygen Demand  | 15mL        | -     |
| <b>Alkalinity</b>   | 15mL        | -     |
| <b>TN; TC</b><br>Total Nitrogen and Carbon  | 50mL        | 50g   |
| <b>TOC w/ TN; TC</b><br>Total Organic Carbon  | 50mL        | 50g   |
| <b>Trace Elements</b><br>Al, As, B, Ba, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, Pb, Se, Zn | 5mL         | 5g    |
| <b>Ammonia (NH<sub>3</sub>)</b>   | 15mL        | -     |
| <b>Chloride</b>   | 15mL        | -     |
| <b>Sulfate</b>  | 50mL        | -     |
| <b>Phosphate (PO<sub>4</sub>)</b>   | 15mL        | -     |
| <b>Conductivity</b>   | 25mL        | -     |
| <b>TON</b><br>Total Organic Nitrogen  | 15mL        | -     |
| <b>TON w/ Nitrate &amp; Nitrite</b>   | 15mL        | -     |
| <b>ORP</b><br>Oxidation Reduction Potential   | 25mL        | -     |
| <b>Salinity</b>   | 25mL        | -     |
| <b>Soluble Prep</b>   | 50mL        | -     |
| <b>Microscopy</b>   | 50mL        | 50g   |
| <b>Viscosity</b>  | 1L          | -     |
| <b>Bulk Density</b>   | 500mL       | 500g  |

## BIOMETHANE POTENTIAL TEST (BMP)

| TEST                      | SAMPLE SIZE              |       |
|---------------------------|--------------------------|-------|
|                           | Liquid                   | Solid |
| <b>BMP - Standard</b>     | 2L                       | 1kg   |
| <b>BMP - Academic</b>     | 1L                       | 500g  |
| <b>BMP - Large Volume</b> | Contact us for specifics |       |
| <b>BMP - HSAD</b>         | Contact us for specifics |       |

*BMP - Chemical Adjustment can be added as an upgrade to any BMP for an additional \$250 charge.*

## STUDIES

| TEST                                      | SAMPLE SIZE |       |
|---|-------------|-------|
|   | Liquid      | Solid |
| <b>Microbial Matrix</b>                   | 1L          | 1kg   |
| <b>H<sub>2</sub>S Reductive Study</b>     | 5L          | 2.5kg |
| <b>H<sub>2</sub>S Predictive Analysis</b> | 500mL       | -     |
| <b>Optimization Study</b>                 | 20L         | 10kg  |
| <b>Full Panel</b>                         | 1L          | 1kg   |
| <b>Nutrient Panel</b>                     | 500mL       | 500g  |

## FEEDSTOCK EVALUATION

| TEST                 | SAMPLE SIZE              |
|----------------------|--------------------------|
| <b>Start-Up Test</b> | Contact us for specifics |
| <b>Advanced</b>      | Contact us for specifics |

## CONSULTING

- Consultant - Expert
- Consultant - Senior

## FEASIBILITY

- Preliminary Feasibility Study
- Contact us for specifics