
Bench-Scale Procedure

- Assesses ability of the filter to meet plant's permit requirements by first evaluating small samples on a bench-scale at Aqua-Aerobic
- Submit *Request for Lab Evaluation* form to the R&D department prior to collecting samples so instructions can be provided for sample size, shipping, and date of shipment
 - Phone: 815-639-4595 or Fax: 815-654-2508
 - Email: dbinder@aqua-aerobic.com
- Determine analytical requirements for samples (i.e. TSS, PSA, jar test, etc.)
- Determine sample size; minimum sizes required are:
 - TSS 0.5 liter / analysis*
 - PSA 2.0 liter / analysis
 - Turbidity..... 0.1 liter / analysis
 - Jar Test..... 1.0 liter / condition
 - Total P..... 0.5 liter / analysis
 - Other..... Consult AAS

**Typically a 10 gallon sample shipped overnight will be adequate for testing. Extra water is needed for phosphorus applications needing chemical conditioning.*

- Biological or food/beverage systems samples need to be preserved with ice or cold packs and shipped next day air to Aqua-Aerobic Systems
- All samples should be labeled with waterproof marker with the following information:
 - Sample point (i.e. secondary clarifier effluent)
 - Sample I.D. #
 - Date / Time sample taken
 - Sampler's initials