

# Centrifuge Data Form

Rep: \_\_\_\_\_  
Customer Name: \_\_\_\_\_ Date: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Contact Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

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Sample Identification: \_\_\_\_\_  
pH: \_\_\_\_\_ Color: \_\_\_\_\_ Solids Concentration (% by weight): \_\_\_\_\_  
**IMPORTANT: Please include analysis of the composition of the sample(s) being submitted or MSDS.**  
Oil Content: \_\_\_\_\_% Corrosive:  Flammable:  Abrasive:  Toxic:

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Description of Process, Generating Material: \_\_\_\_\_  
\_\_\_\_\_  
Type of Separation Required:  Liquid/Solid  Liquid/Liquid  Liquid/Liquid/Solid  
Required Throughput: \_\_\_\_\_ Gallons/day, or \_\_\_\_\_ # dry solids/day  
Proposed Operating: \_\_\_\_\_ Hours/day and \_\_\_\_\_ days/week  
Present Method of Separation: \_\_\_\_\_  
Size of Unit: \_\_\_\_\_ Capacity: \_\_\_\_\_ Cake Solids \_\_\_\_\_ %  
Chemical Addition: \_\_\_\_\_

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## Slurry Characteristics

Solids: Composition: \_\_\_\_\_  
\_\_\_\_\_  
Susp. Solids Concentration (% by wt.) Normal \_\_\_\_\_ Max \_\_\_\_\_ Min \_\_\_\_\_  
Specific Gravity \_\_\_\_\_  
Avg. Particle Size: \_\_\_\_\_ (Provide Particle Size Distribution if available.)  
Dissolved Solids Concentration (% by wt.): Normal \_\_\_\_\_ Max \_\_\_\_\_ Min. \_\_\_\_\_  
Liquid: Composition: \_\_\_\_\_  
\_\_\_\_\_  
Viscosity: \_\_\_\_\_ Flash Point: \_\_\_\_\_

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HILLER SEPARATION AND PROCESS

**Operating Conditions**

Which is more important:  Clarity of Liquid (Maximum TTS of Centrate \_\_\_\_\_ ppm)  
 Cake Solids (Minimum TS desired \_\_\_\_\_ % by wt.)

Do the solids require rinsing?  Yes  No

If yes, rinsing objective: \_\_\_\_\_

Process Temperature Range: \_\_\_\_\_ to \_\_\_\_\_ °F

Do you have to maintain containment or pressure? \_\_\_\_\_

What are your containment requirements? \_\_\_\_\_

What materials of construction do you require? \_\_\_\_\_

What are your electrical requirements? \_\_\_\_\_

Please provide any additional, pertinent, information about the slurry or operating conditions.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**This section to be completed only if sample is submitted.**

Is material classified as **Hazardous Waste** according to 40 CFR Part 261?  Yes  No

If yes, generator's EPA ID number: \_\_\_\_\_

**\*\*\*\* AUTHORIZATION\*\*\*\***

(Name of Company) \_\_\_\_\_

give authorization to Hiller Separation and Process LLC to perform centrifuge testing on the sample(s) described herein.

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## HILLER SEPARATION AND PROCESS

### INSTRUCTIONS

Please complete Pages 1 and 2 with all available information. Return this form with the sample(s) to be submitted to Hiller Separation and Process LLC. This information requested is required in order to properly evaluate the sample(s) for amenability to pressure filtration as well as accurately sizing the centrifuge. Your cooperation in completing this form is appreciated. If you should have any questions, please contact your local Hiller US LLC. Laboratory at 512-556-5707 or fax your questions at 512-556-5562.

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#### Shipping Instructions

Submit five (5) gallon sample and send **FREIGHT PREPAID** to:

**Fort Bend Services, Inc.**

**Attn: Laboratory Services**

**13303 Redfish Lane**

**Stafford, Texas 77477 USA**

If the suspended solids content of the sample is less than 1% by weight, more than five (5) gallons per sample may be required. Please contact the Hiller US LLC. laboratory at 512-556-5707 for further instructions, or if there are any questions.

Samples classified as **HAZARDOUS WASTES ARE EXEMPT FROM RCRA REGULATIONS** under 40 CFR Part 261.4. Please ship these types of samples in accordance with EPA and/or DOT regulations. If there are any questions, please contact the laboratory at 512-556-5707.

**Note:** *Please be certain that the sample(s) submitted to Hiller US LLC. for testing is a representative sample of the material that will be pumped to the centrifuge. If more than one (1) sample is being submitted, please complete a Centrifuge Data Form for each sample. Failure to submit a form will result in testing delays until the form for each sample has been submitted.*

*If the sample is a biological type sludge, prior arrangements must be made with Hiller US LLC. so that the testing can be performed upon receipt of the sample. Please call to arrange a date for testing and shipment.*