



## Test Sample Description

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

### Customer Information

Company Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_ Fax: \_\_\_\_\_

Brief description of material being tested: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Process Flow Rate \_\_\_\_\_ GPM

Operating Temp. in Process \_\_\_\_\_ °C

Liquid Chemical Composition: \_\_\_\_\_

TDS\*: \_\_\_\_\_ %w/w      pH: \_\_\_\_\_

Conductivity: \_\_\_\_\_ oS

Suspended Solids Composition: \_\_\_\_\_

TSS\*\*: \_\_\_\_\_ %w/w

ParticleSp. Gv: \_\_\_\_\_

Particle Size Distribution: \_\_\_\_\_

### Process Objectives

Wastewater Treatment -

Desired Clean Water (Filtrate) Recovery: \_\_\_\_\_ %

Quality Limits-      TSS: \_\_\_\_\_ ppm      TDS: \_\_\_\_\_ ppm

Turbidity: \_\_\_\_\_ NTU      Color Reduction: \_\_\_\_\_ %

Solid Product Recovery-      Desired% Solids: \_\_\_\_\_ %w/w

Other: \_\_\_\_\_

Process Description: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Process Goals: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\*TDS: Total Dissolved Solids

\*\*Total Suspended Solids

V  
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V  
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P

**Material Description**

MSDS:  Follows  Included with Sample  
 Have you included a chemical analysis?:   yes       no  
 Health Hazard:   yes       no   Environmental Hazard:   yes       no

Does your material include any of the following chemicals? (Check all that apply)

- Antifoams (Specify \_\_\_\_\_)
- Biocides (Specify \_\_\_\_\_)
- Chlorides (Specify concentration \_\_\_\_\_)
- Peroxide (Specify concentration \_\_\_\_\_)
- Solvents (Specify types \_\_\_\_\_)
- Polymers or Flocculating Agents

**Special Rheological Behavior**

Gel Point% Solids: \_\_\_\_\_%w/w  
 Any special rheological behavior that we should be aware of for testing:  
 \_\_\_\_\_  
 \_\_\_\_\_

**Handling**

Heating allowed	yes	no	(Max Temp: _____°C)
Freezing allowed	yes	no	
Needs refrigeration	yes	no	
Keep from light	yes	no	(Photo sensitive)
Septic	yes	no	(Biologically active)
pH Sensitive	yes	no	(Allowable pH range: _____)
Corrosive	yes	no	

(Compatible Materials: \_\_\_\_\_)

**Cleaning Procedure**

Appropriate procedure to clean stainless steel and Teflon parts which contact the process fluid: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



# NEW LOGIC RESEARCH

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## Shipping Information

Unless alternative arrangements are made in advance, it is New Logic's policy to return all samples to the customer upon completion of all bench testing. To facilitate this process, please fill out the following information.

Return address for samples: \_\_\_\_\_

\_\_\_\_\_

Contact: \_\_\_\_\_

Preferred shipping method (e.g., UPS, Freight Delivery Service, etc.):

\_\_\_\_\_

Customer's Shipping Account Number: \_\_\_\_\_

Internal Authorization Number (if applicable): \_\_\_\_\_

Special Handling Procedures: \_\_\_\_\_

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

## Miscellaneous

Please Provide any additional information in the space below which would allow us to better understand your potential application (e.g., brief sketch of the process, data tables, etc.)