

NEW LOGIC RESEARCH

TEST SAMPLE DESCRIPTION FORM

Date:

Company Name		Contact Name	
Address		Phone Number	
City, State, Zip		Fax Number	
Sales Engineer		E-mail Address	

PROCESS FEED DESCRIPTION

Brief description of liquid material being tested:

Process Flow Rate (GPM, LMH, m3/hr, etc)	
Process Temperature (°C or °F)	
PH	
TSS % w/w	
TDS % w/w	
TSS Particle Size Distribution	
Conductivity (µS or MS)	
BOD/COD/TOC (mg/L)	
TSS Chemical Composition	
Liquid (Solvent) Chemical Composition	

MATERIAL CHARACTERISTICS

- Health Hazard:** yes no
Environmental Hazard: yes no
Odor Present: none small somewhat strong very strong

Sp.Gr. _____ Viscosity _____ cP. _____ @ _____ °C

SPECIAL RHEOLOGICAL BEHAVIOR

Gel Point % Solids: _____ % w/w (Point at which pumping is not feasible)
 Thixotropic? yes no (Thins on shearing/thickens to gel when shearing removed.)

Dilatant yes no (Thickens with shearing.)
 Shear labile yes no (Degrades under shearing.)
 Gel forming yes no (Forms a gel on standing)
 Other: _____

PROCESS OBJECTIVES

Process Description:

Process Goals:

Wastewater Treatment - Filtrate Recovery: _____ %
 Permeate Quality Limits - Conductivity/TDS: _____ μS/ppm
 BOD/COD/TOC _____ mg/L
 Other: _____

Solid Product Recovery - Desired % Reject Solids: _____ %w/w

Other: _____

*TDS - Total Dissolved Solids

**TSS - Total Suspended Solids

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, goes septic with time)
 pH Sensitive yes no (Allowable pH range: _____)
 Corrosive yes no

(Compatible Mat'l's: Stainless Steel Polypropylene other: _____)

CLEANING PROCEDURE

Appropriate procedure to clean mechanical parts which contact the process fluid:

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 process, data tables, etc.)

SAMPLE RETURN PROCEDURES

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. **Please note New Logic Research reserves the right to charge a fee for any sample disposing required.**

Return Address for Samples:

Company	If different than above	Contact Name	If different than above
Address	If different than above	Phone Number	If different than above
City, State, Zip	If different than above	Fax Number	If different than above
Preferred Shipping Method		Customer's Shipping Accnt Number	

Please Supply MSDS with this form