AQUAPOINT
WASTEWATER TREATMENT SYSTEMS & SERVICES

Email to sales@aquapoint.com

Design Criteria 4/1/11
Tel: 508.985.9050
Fax: 508.985.9072

Date:

SYSTEM DESIGN CRITERIA

Requested Response Time:

Engineer/Firm:
Address:
Email:
Tel: Fax:

Customer/Contact:
Project Name:
Address:
E-mail: Tel:

Application / Description: ☐ Residential ☐ Commercial ☐ Institutional ☐ School ☐ Industrial ☐ Other

Provide relevant details and applicable permit:

Type of collection system: ☐ Gravity ☐ Pump Station(s) ☐ Grinder Pump ☐ S.T.E.P. ☐ S.T.E.G. ☐ Other

Type of disposal system: ☐ Conventional Leach Field ☐ Drip Irrigation ☐ Stream ☐ Spray Irrigation ☐ Other

Wastewater Flow Calculations:
(Please show calculations that are basis of the design)

Design Flow: Average Daily Flow:
Max Daily Flow: Peak Hourly Flow:
or
Peaking factor:

*Max daily flow will be used for design if specified.

Comments: (Topography, permits, flow calculations, technology requests, containerization requests, etc. Please append information as needed.)

** If possible, please obtain raw or settled wastewater composite samples for the applicable parameters listed under INFLUENT DATA*
** Please provide Aquapoint with all applicable Material Safety Data Sheets (MSDS)*

INFLUENT DATA

Specify sample type: ☐ Grab Sample ☐ Composite Sample ☐ Data is assumed or projected

Specify sample location: ☐ Raw Influent ☐ Settled Influent

Seasonal flows? ☐ Yes ☐ No If yes, when?

Will low flow devices be utilized? ☐ Yes ☐ No

Will garbage disposal/grinders be utilized? ☐ Yes ☐ No

Low Wastewater Temp (°C): (10°C assumed unless specified)

Site Elevation (feet above sea level):

Parameter	Raw	Settled
pH		
BOD_5 (mg/L)		
COD (mg/L)		
TSS (mg/L)		
TKN (mg/L)		
Ammonia-N (mg/L)		
Alkalinity (mg/L as $CaCO_3$)		
Oil & Grease (mg/L) (are traps included?) ☐ Yes ☐ No		
Phosphorus (mg/L)		
Other:		

EFFLUENT DATA

Please specify location of effluent requirements (e.g. System effluent pipe, groundwater interface, property line, etc.):
santiary sewer

(Please specify $CBOD_5$ for organic load when possible)

Parameter	Effluent Requirement
pH	
$CBOD_5$ (mg/L)	
BOD_5 (mg/L)	
COD (mg/L)	
TSS (mg/L)	
Ammonia-N (mg/L)	
Nitrate-N (mg/L)	
Total Nitrogen (mg/L)	
Oil & Grease (mg/L)	
Phosphorus (mg/L)	
Fecal Coliform (colonies/ 100mL)	
Dissolved Oxygen (mg/L)	
Turbidity (NTU)	
Other:	

NOTES: *Installations require baffled septic tanks and a gas baffle under the effluent tee.*

Aquapoint Representative: _____ Engineer's Signature: _____ Date: _____

IMPORTANT: *The information provided by you on this form will be relied upon by Aquapoint.3, LLC in determining project specifications and pricing. Accordingly, all such information must be complete and accurate and any fact or circumstance that comes to your attention after the date hereof that may in any way render any information contained herein incomplete or inaccurate must be brought to the attention of Aquapoint.3, LLC immediately.*