



FOG and High Strength Waste

Mixing Systems

Application Inquiry Form

Vaughan Company Inc.
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RD / RQ #:
DATE:
by:

Project Name:	
Project Location:	
Customer Contact / Address:	
Telephone / Email:	
Project is Design/Build (DB) OR Bid (B)	
Engineer / Location:	
Contact / Tel # / Email:	
Vaughan Rep Firm / Contact:	

APPLICATIONS	
<input type="checkbox"/>	FOG Tank (Fats, Oils & Greases)
<input type="checkbox"/>	HSW (High Strength Waste - Food Waste)
<input type="checkbox"/>	Screened Septage (screen size= <input type="text"/>)
<input type="checkbox"/>	Raw Septage
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	Blend of FOG, HSW and Septage
<input type="checkbox"/>	(Percentage of each) <input type="text"/> - <input type="text"/> - <input type="text"/>
<input type="checkbox"/>	
<input type="checkbox"/>	Manure (% of total feedstock)
<input type="checkbox"/>	Blend of Manure and other Feedstocks

PUMP PREFERENCE	
<input type="checkbox"/>	Horizontal (direct drive)
<input type="checkbox"/>	Horizontal (belt drive)
<input type="checkbox"/>	Vertical Pedestal
<input type="checkbox"/>	Submersible
<input type="checkbox"/>	Vertical Long shaft (Wet Well)
<input type="checkbox"/>	Self Primer

OTHER FACTORS	Y / N
PH or Chemical Concerns (FeCL):	
Cold Weather or Warm Weather Climate:	
Previous (P), Existing (E), Future (F) Aeration	P / E / F
Obstructions within the Tank:	
Are Stainless Steel Materials of Const Req'd:	
Mixed feed stock will be pumped to digester for enhanced methane production	
Will Rocks/Grit be removed prior to mixing	
If HSOW, has it been pretreated/depackaged	

PLEASE ATTACH DRAWINGS/ SKETCH IF AVAILABLE

CYLINDRICAL TANK GEOMETRY	Tank # C1	Tank #C2
Quantity:		
Diameter:		
Sidewall Height:		
High Liquid Level:		
Max/Min Levels(if variable) or C if Constant:		
Cone Depth/ Slope OR Flat Floor (FF):		
Existing (E) / New (N)		
Prev Mixing (if existing)		
Tank Const (Concrete / Steel / Prefab)		
Volume		
Percent Solids (FOG / HSW / Septage)		
Temp Factors		

RECTANGULAR TANK GEOMETRY	Tank #R1	Tank #R2
Quantity:		
Length x Width:		
Depth:		
Max/Min Levels(if variable) or C if Constant:		
Slope OR Flat Floor (FF):		
Existing (E) / New (N)		
Previous Mixing (if existing)		
Tank Const (Concrete / Steel / Prefab)		
Volume		
Percent Solids (FOG / HSW / Septage)		
Temp Factors		

ELECTRICAL DATA	
Voltage	<input type="text"/> V / <input type="text"/> PH / <input type="text"/> HZ
Rating (TEFC, XP DIV 1 / DIV 2)	
VARIABLE FREQUENCY DRIVE (Y / N)	

UNIQUE GEOMETRY OR SPECIAL CONDITIONS