



Suspended Solids Treatment Profile Worksheet

Suspended Solids Concentration	Maximum Percentage of Solids in Fluid Stream:	
	Average Percentage of Solids in Fluid Stream:	
	Minimum Percentage of Solids in Fluid Stream:	
Particle Size Distribution of Solids to be Removed	% of Solids >500 μ :	
	% of Solids Between 500 μ & 101 μ :	
	% of Solids Between 100 μ & 31 μ :	
	% of Solids Between 30 μ & 5 μ :	
	% of Solids <5 μ :	
Nature of Suspended Solids	Are the Suspended Solids Earthen Granular Solids:	
	Are the Suspended Solids Organic:	
	Are the Suspended Solids Fibrous:	
Specific Gravities	Average Specific Gravity of Solids to be Removed:	
	Average Specific Gravity of Fluid Stream:	
Fluid Profile	Percentage of Fluid Stream Made of Water:	
	Percentage of Fluid Stream Made of Oil:	
Flow Rates to be Treated	Maximum Bulk (Solids and Liquid) Fluid Flow:	
	Average Bulk (Solids and Liquid) Fluid Flow:	
	Minimum Bulk (Solids and Liquid) Fluid Flow:	
Current Systems in Place	What Treatment Systems Are Currently in Place:	
	What Do the Current Systems Do Well:	
	What Do the Current Systems Fail To Do Well:	
Treatment Goals	Optimum Level of Suspended Solids Removal:	
	Target Level of Suspended Solids Removal:	
	Minimum Level of Suspended Solids Removal:	
Waste Management	Intended Method of Waste Containment:	
	Intended Method of Disposal:	

The technologies manufactured by Elgin are specifically designed to remove suspended solids, with a specific gravity greater than 1.0, from a fluid stream with an average specific gravity of 1.0. The ultimate selection of a treatment technology is dependent on the characteristics of the suspended solids, the characteristics of the fluid stream carrying the suspended solids, the total flow rates to treated, and the ultimate treatment goals. Equipment selection decisions made by customers without a complete treatment profile take sole risk for the performance achieved.

