



Multi-Flo and Enviro-Guard Fixed Film Aerobic Treatment Unit

This Management Plan identifies some basic requirements for proper operation and maintenance of the Consolidated Treatment Systems Multi-Flow and Enviro-Guard wastewater treatment device for domestic flows up to 1500 gpd. Refer to the manufacturer’s Operation and Maintenance Manual for Consolidated wastewater treatment products for detailed instructions on proper system operation and maintenance. Refer to your soil treatment system management plan (below or above-grade) for additional management requirements.

The Consolidated Treatment Systems Manual, submitted by the manufacturer as part of the registration of this product in Minnesota, can be found at the Minnesota Pollution Control Agency’s website

<http://www.pca.state.mn.us/programs/ists/productregistration.html>.

SYSTEM COMPONENT	TASK	MINIMUM FREQUENCY	RESPONSIBLE PARTY	
CONSOLIDATED Treatment Systems Multi-Flo Enviro-Guard with Domestic Strength Wastewater	Monitor alarm	On-going	User	
	Clean vents on housing	Bi-Annually	User or Service Provider	
	Monitor flow		Service Provider	
	Verify flow splitting devices are performing accurately & adjust as needed			
	Check Multi-Flo or Enviro-Guard aerator impeller for proper spinning			
	Check mechanical and electrical components			
	Perform operational field tests on influent/effluent quality including odor, color, turbidity, temperature, dissolved oxygen and pH as appropriate			
	Sample effluent as required in the local Operating Permit			
	Check sludge level in septic tank(s)			Service Provider and Maintainer
	Check sludge levels in aerobic tanks; follow manufacturers recommendations for solids removal refilling with clean water after pump out			

	For seasonal use, follow manufacturers guidelines	As required based on seasonal usage	Service Provider
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Items not permitted in the Multi-Flow and Enviro-Guard wastewater systems are specified in the Consolidated Treatment Systems Manual for Minnesota.

At the time of each service visit, CIDWT Form 7-2: Aerobic Treatment Unit or similar form should be completed. See <http://www.onsiteconsortium.org/omspchecklists.html>. Sampling requirements are specified in local operating permits. The protocol for collection of wastewater samples is specified in the Consolidated Manual for Minnesota.

Minimum sampling frequencies:

Treatment Goal	Parameter	Minimum Sampling Requirement*
A or B	Fecal coliform	Bi-annually

*These minimum sampling requirements assume a system that is operated year round. These values may be reduced if the system is not used year round.