



**AquaTest Nibbler**  
**Fixed Film Aerobic Treatment Unit**  
**Flows < 10,000 gpd with High Strength Waste**

This Management Plan identifies some basic requirements for proper operation and maintenance of the AquaTest Nibbler wastewater treatment device for high strength wastewater (HSW) use up to 10,000 gpd. Refer to the manufacturer’s Operation and Maintenance Manual for Nibbler 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 AquaTest 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	
<b>AquaTest Nibbler</b>  <b>with Flows up to 10,000 gpd with High Strength Wastewater</b>	Monitor alarm	On-going	User	
	Clean vents on housing	Monthly for First Sixth Months  Adjusted based on performance thereafter	Service Provider	
	Monitor flow			
	Verify flow splitting devices are performing accurately & adjust as needed			
	Clean air filter on blower			
	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 grease trap and septic tanks			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



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**Items not permitted** in the AquaTest Nibbler wastewater systems are specified in the AquaTest Nibbler Manual for Minnesota.

At the time of each service visit, the CIDWT Form 7-2: Aerobic Treatment Unit should be completed or a similar form. 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 AquaTest Nibbler Manual for Minnesota.

**Minimum sampling frequencies:**

Treatment Goal	Design Flow (gpd)	Parameter	Minimum Sampling Requirement*
C	<10,000 gpd	BOD, TSS & O&G	Quarterly for year one Bi-annual, thereafter

\*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 or system performance is established.