



This Management Plan identifies some basic requirements for proper operation and maintenance of the Norweco Singulair (960 and TNT Model Series) ATU for residential use. Refer to the manufacturer’s Operation and Maintenance Manual for the Norweco Singulair/Singulair Green 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 Norweco Singulair/Singulair Green 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	FREQUENCY	RESPONSIBLE PARTY
Norweco Singulair Green Wastewater Treatment Device	Monitor control center alarms.	On-going	Homeowner
	Keep vented lid on aeration chamber free from obstruction.	On-going	Homeowner
	Clean aerator: ensure aspirator shaft is free of debris (hair, etc.) and that air-flow passage is free of obstruction.	Every six months	Service Provider
	Clean Bio-Kinetic Filter: Remove filter, rinse off outer filter media, remove inner filter and flush out baffled filter plates.		
	Check air flow delivery of aerator (3 CFM).		
	Check mechanical and electrical components to ensure proper operation.		
	Monitor flow and 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.	See Operating Permit*	
	Check sludge level in all sewage tanks; follow manufacturer’s recommendations for solids removal.	Every six months	Service Provider & Maintainer
For seasonal use, follow manufacturers guidelines.	As required based on seasonal usage	Service Provider	

At the time of each service visit, Form 7-2: Aerobic Treatment Unit should be completed. See <http://www.onsiteconsortium.org/omspchecklists.html>

Items not permitted in the Norweco Singulair wastewater systems are specified in the Norweco Singulair Green Manual for Minnesota. **Sampling requirements** may be specified in local operating permits. The protocol for collection of wastewater samples is specified in the Norweco Singulair 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.