



Eric J. Holcomb
Governor

Lindsay M. Weaver, MD, FACEP
State Health Commissioner

December 10, 2024

Robin Cassidy
Norwalk Wastewater Equipment Company, Inc.
220 Republic Street
Norwalk, OH 44857

Dear Mr. Cassidy,

Re: Approval of Norweco Singulair with Bio-Kinetic System Model 960 (500 GPD, 600 GPD, 750 GPD, and 1000 GPD) NSF/ANSI Standard 40, Class 1 certified Wastewater Treatment Systems for use in residential and commercial onsite sewage systems.

The Norweco Singulair with Bio-Kinetic System Model 960 (500 GPD, 600 GPD, 750 GPD, and 1000 GPD)(Norweco Singulair) residential wastewater treatment systems are hereby approved by the Indiana Department of Health (department), for use in Indiana as an advanced treatment product in an onsite sewage system under the provisions of *410 IAC 6-8.3-52(h)*, *410 IAC 6-10.1-49(h)*, and the *Indiana Standards for Aerobic Treatment Units* published by the department on October 27, 2023. This approval is for the use in commercial onsite sewage systems and individual residential onsite sewage systems. The conditions included in this letter are requirements for the use of the product. The approval is effective on this 10th day of December 2024. This approval is subject to all conditions listed below:

The Norweco Singulair Approved Wastewater Treatment System Models are limited to:

Norweco Singulair ATU Series	Model	Flow Rating (GPD)	Min. Flow (GPD)	BOD Rating (lbs/day)	BOD (mg/L)		TSS (mg/L)	
					Min.	Max.	Min.	Max.
Singulair with Bio-Kinetic	960-500	500	100	0.72	100	300	100	350
Singulair with Bio-Kinetic	960-500	600	120	0.89	100	300	100	350

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Singulair with Bio-Kinetic	960-750	750	150	1.11	100	300	100	350
Singulair with Bio-Kinetic	960-750	800	150	1.18	100	300	100	350
Singulair with Bio-Kinetic	960-1000	1000	200	1.48	100	300	100	350

Each Norweco Singulair Model is approved for onsite sewage system design options 1.a; 1.b; 1.c; 2.a and 2b; *Indiana Standards for Aerobic Treatment Units*, published by the department on October 27, 2023. A design option utilizing flow equalization prior to the Norweco Singulair requires review and approved by IDOH until such design can be delegated to the local health department staff.

- I. Norwalk Wastewater Equipment Company, Inc. is required to:
 - a) Submit to the department a list of Singulair tank manufacturers which manufacture tanks to house the Norweco Singulair wastewater treatment systems;
 - b) Certify distributors, designers, installers, service providers and those involved in the permitting of this technology;
 - c) Provide a hardcopy of the Indiana-specific Norweco Singulair residential wastewater treatment systems Design, Installation, Operation, Maintenance, and Owner's Manual (2024 edition) to certified distributors, designers, installers, and those involved in the permitting of this technology;
 - d) Submit to the department a list of all certified designers, installers, distributors, and service providers for the State of Indiana on a quarterly basis the first year and annually after that; and notify the department immediately of the removal of any certified designer, installer, distributor, or service providers;
 - e) Submit for review and approval of the department any proposed changes to any system component or the Indiana-specific Norweco Singulair Manuals prior to implementation of the changes;
 - f) Notify the department in writing of any scheduled training event at least 10 working days prior to the event;
 - g) Provide on-going consultations to health department staffs, designers, installers, and service providers;
 - h) Include a 2-year initial service policy to the owner by the manufacturer or the authorized representative; the cost of the initial service policy is included in the original purchase price. The initial policy will contain provisions for 4 inspection/service visits (scheduled once every 6 months over the 2-year period) during which electrical, mechanical, and other applicable components are inspected, adjusted, and serviced;
 - i) Report to the department within 30 days the failure of any owner to renew a service contract for the operation and maintenance of any onsite sewage system that includes a Norweco Singulair wastewater treatment system.
 - j)



- II. The Norweco Singulair System is subject to:
- a) The Norweco Singulair Indiana-specific Design, Installation, Operation and Maintenance, and Owner's Manuals (2024 edition);
 - b) The review by the department for each individual residential project where:
 - 1. A pretreatment chamber (trash tank) does not have at least 1 Design Daily Flow capacity for the project or 750-gallon capacity; whichever is greater capacity, or
 - 2. A soil absorption field of reduced size is proposed in accordance with Section VIII. F., *Indiana Standards for Aerobic Treatment Units* published by the department on October 27, 2023.
- Unless plan review and permit issuance has been delegated to the local health department in accordance with Section VI. C. 2., *Indiana Standards for Aerobic Treatment Units* published by the department on October 27, 2023.
- c) When a project includes the use of a water softener, the water softener backwash shall be discharged to:
 - o The effluent sewer on the downstream side of the Norweco Singulair System;
 - o The dosing tank serving the soil absorption system (if applicable); or
 - o A separate soil absorption system constructed specifically for the water softener backwash.
 - d) The applicable provisions of IDOH Rule 410 IAC 6-8.3, and IDOH Rule 410 IAC 6-10.1, including the discharge to a soil absorption field which meets all the provisions of the applicable rule, except for system sizing as allowed in Section VIII. F., *Indiana Standards for Aerobic Treatment Units* published by the department on October 27, 2023;
 - e) Treating only domestic and/or residential strength wastewater;
 - f) The review by the department of each individual project when the unit will be subject to intermittent flows.
 - g) All start-up and shut down procedures must be carried out by a certified service provider after local health department notification and consultation.
 - h) The applicable provisions of *Indiana Standards for Aerobic Treatment Units* published by the department on October 27, 2023; and
 - i) The provisions and criteria identified in this approval letter.
- III. The Norweco Singulair distributor, designer, installer, service provider, and those involved in permitting are subject to:
- a) Norweco Singulair Certification; and
 - b) Maintaining a status of good standing with Norwalk Wastewater Treatment Company, Inc.

This approval may be revoked or modified by the department for non-compliance, or if it is documented that it would not be in the best interests of public health for approvals to continue. If you wish to request administrative review of this *Approval* pursuant to Indiana Code 4-21.5-3-5, you must file a petition for review within fifteen (15) days after this *Approval* is received.



The petition for review must be in writing and must include facts demonstrating that:

- The petitioner is a person to whom the *Approval* is specifically directed;
- The petitioner is aggrieved or adversely effected by the *Approval*; or
- The petitioner is entitled to review under any law.

Any petition for review should be submitted in writing to the State of Indiana Office of Administrative Law Proceedings in one of the following ways:

1. Go online to www.in.gov/oalp and complete a Petition for Review (State Form 56961 (5-20));
2. Mail your petition for review to the Office of Administrative Law Proceedings at 100 N. Senate Avenue, Suite N-802, Indianapolis, Indiana 46204; or
3. Appear in person at the Office of Administrative Law Proceedings at 100 N. Senate Avenue Suite N-802, Indianapolis, Indiana 46204, and file your petition for review. You will need this document to complete your petition.

If you do not object to this product submittal approval, you do not need to take any further action.

Sincerely,

Michael Mettler, REHS
Director
Environmental Public Health Division
317/233-7183
mmettler@health.in.gov

cc: James Meyer (jmeyer@norweco.com)
IDOH staff