



Mitchell E. Daniels, Jr.  
Governor

Gregory N. Larkin, M.D., F.A.A.F.P.  
State Health Commissioner

July 31, 2012

Donald Bach  
Norwalk Wastewater Treatment Company, Inc.  
220 Republic Street  
Norwalk, OH 44857

Dear Mr. Bach:

Re: Approval of Norweco Singulair Individual Home Wastewater Treatment Plant with Bio-Kinetic System for use in residential and commercial onsite sewage systems

The Norweco Singulair Individual Home Wastewater Treatment Plant with Bio-Kinetic Systems listed below are hereby approved for use in Indiana as an additional system component in an onsite sewage system by the Indiana State Department of Health (department), under the provisions of 410 IAC 6-8.2-50(g), 410 IAC 6-10-8, and the *Indiana Standards for Secondary Treatment Systems* published by the department on December 1, 2009. This approval is for the use in commercial onsite sewage systems and individual residential onsite sewage systems. Approval is effective this 31<sup>st</sup> day of July, 2012 and subject to renewal by the department no later than the 31<sup>st</sup> of July, 2013.

The Norweco Singulair Approved Models are limited to:

| ATU Series | Model               | Flow Rating (GPD) | Min. Flow (GPD) | BOD Rating (lbs/day) | BOD (mg/L) |      | TSS (mg/L) |      |
|------------|---------------------|-------------------|-----------------|----------------------|------------|------|------------|------|
|            |                     |                   |                 |                      | Min.       | Max. | Min.       | Max. |
| Singulair  | Model 960 – 500     | 500               | 100             | 1.00                 | 100        | 300  | 100        | 350  |
| Singulair  | Model 960 – 600     | 600               | 120             | 1.20                 | 100        | 300  | 100        | 350  |
| Singulair  | Model 960 – 600     | 750               | 150             | 1.50                 | 100        | 300  | 100        | 350  |
| Singulair  | Model 960 – 600     | 1000              | 200             | 2.00                 | 100        | 300  | 100        | 350  |
| Singulair  | Model 960 – 600     | 1250              | 250             | 2.50                 | 100        | 300  | 100        | 350  |
| Singulair  | Model 960 – 600     | 1500              | 300             | 3.00                 | 100        | 300  | 100        | 350  |
| Singulair  | Model 960 LP – 500  | 500               | 100             | 1.00                 | 100        | 300  | 100        | 350  |
| Singulair  | Model 960 LP – 1000 | 1000              | 200             | 2.00                 | 100        | 300  | 100        | 350  |

Each Model is approved for options 1.a; 1.b; 1.c; 2.a; and 2.b, *Indiana Standards for Secondary Treatment Systems*, published by the department on December 1, 2009.

- I. Norwalk Wastewater Treatment Company, Inc. is required to:
  - a) Submit to the department a list of Singulair tank manufacturers which will manufacture concrete tanks to house the Norweco units installed in Indiana. No concrete tank may

- be used as a Norweco Singulair tank unless it is from a tank manufacturer that has been submitted to the department by Norwalk Wastewater Treatment Company, Inc.
- b) Certify manufacturers, distributors, designers, installers and service providers;
  - c) Submit to the department a list of all certified installers, distributors, service providers and manufacturers 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 installer, distributor, service providers or manufacturer;
  - d) Submit for review and approval of the department any proposed changes to any system component or the Singulair Indiana Product Manual prior to implementation of the changes;
  - e) Notify the department of any scheduled training event at least 10 working days prior to the event;
  - f) Provide on-going consultation to health department staffs, designers, installers, and service providers;
  - g) Submit to the department on a quarterly basis for the first year the installation of any onsite sewage system installed that includes a Norweco Singulair unit using a data format provided by the department.
  - h) 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 unit.
- II. The Norweco Singulair is subject to:
- a) The review by the department of each individual project when the unit will be subject to intermittent flows [See the section of the Singulair Green Indiana Product Manual titled "Intermittent Usage within the Time Clock Setting and Service Instructions Section]. Further, all start-up and shut down procedures must be carried out by a certified service provider after local health department notification and consultation.
  - b) The applicable provisions of ISDH Rule 410 IAC 6-8.2, and ISDH Rule 410 IAC 6-10, including the discharge to a soil absorption field which meets all of the provisions of the applicable rule, except for system sizing as allowed in Section VII. F., *Indiana Standards for Secondary Treatment Systems* published by the department on December 1, 2009;
  - c) Treating only domestic and/or residential strength wastewater;
  - d) the applicable provisions of *Indiana Standards for Secondary Treatment Systems* published by the department on December 1, 2009;
  - e) The Singulair Individual Home Wastewater Treatment Plant with Bio-Kinetic System Indiana Product and Service Manual.
- III. The Norweco Singulair manufacturer, designer, distributor, installer, and service provider is subject to:
- a) Norweco Certification;
  - 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 and petition for stay of effectiveness must be postmarked no later than August 17, 2012.

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 affected by the *Approval*; or
- The petitioner is entitled to review under any law.

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If the petition for review is not filed timely, this *Approval* becomes FINAL. Any petition for review and petition for stay of effectiveness must be submitted in writing to:

Court Administrator  
Office of Legal Affairs, #3H  
Indiana State Department of Health  
2 North Meridian Street  
Indianapolis, IN 46204

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@isdh.in.gov

cc: Local Health Departments  
Onsite Staff