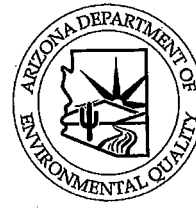


Douglas A. Ducey
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



Henry R. Darwin
Director

Notice of Proprietary Treatment Product Listing Pursuant to Arizona Administrative Code R18-9-A309(E) ADEQ File No. 20070728

1. Proprietary Treatment Product Name, Model, and Description

Product Name: TNT Wastewater Treatment System
Model: TNT-500, TNT-750, TNT-1000, TNT-1250, and TNT-1500.
Description: The TNT is a treatment process with three zones: 1) primary clarifier, 2) suspended growth aeration, and 3) BIO-KINETIC® final clarification. The final chamber is where an optional disinfection device may be installed.

2. Manufacturer Information

Name: Norweco, Inc.
Address: 220 Republic Street
City/State/Zip: Norwalk, OH 44857
Phone: 419-668-4471
Fax: 419-663-5440
Website: www.norweco.com

3. Recognized Treatment Performance

| Parameter | Averaging Time | Maximum Value for Parameter & Averaging Time |
|---|----------------------------|--|
| 5-Day Biochemical Oxygen Demand (BOD ₅), mg/l | 30-day arithmetic mean | 10 |
| Total Suspended Solids (TSS), mg/l | 30-day arithmetic mean | 10 |
| Total nitrogen (as nitrogen), mg/l | five-month arithmetic mean | 15 |
| Total coliform, colony forming units/100ml | 95th percentile | 300,000 |

4. Product Applicability and Limitations for Use for a Recognized General Permit Technology

| |
|--|
| Applicability: This listing is for the treatment technology specified in A.A.C. R18-9-E315. |
| Limitations: |
| <p>A. This product is only approved for design flow per A.A.C. R18-9-A309 (B)(3) from 500 to 1,500 gpd from residential sources only.</p> <p>B. This listing is only for technology approved in accordance with A.A.C. R18-9-E315 and does not include any other technology/products including disinfection devices.</p> <p>C. This listing EXCLUDES appurtenances which are considered to be “other manufactured materials and components” such as an alarm, control panel, control, switch, timer, wiring, other electrical devices, and installation components; which are subject to both the manufacturer specifications and any more restrictive requirement in 18 A.A.C. 9, Article 3..</p> |

5. Alternative Criteria and Exceptions for Use Under the Recognized General Permit Technology

| | |
|------------------------------|--|
| Alternative Criteria: | None |
| Exceptions: | R18-9-E315(B&C)- Proposed total nitrogen reduction equal to but not less than 28 mg/l. |

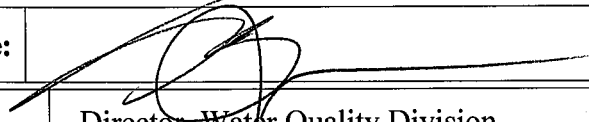
6. Documents Used as the Basis for this Proprietary Treatment Product Listing Notice

| | |
|--|---|
| Application for Treatment Product Listing: | 09/27/07 |
| Third party test data: | NSF Final Report Singulair Model TNT-500, dated June 2006. Analysis of Fecal Coliform Reduction, Singulair Model TNT-500 with UV Disinfection, dated May 2006, NSF 245 Final report Singulair Model TNT-500, dated November 2007. |
| Parts List: | Singulair Model TNT Total Nitrogen Treatment Technical Manual. |
| Installation Instructions: | Installation Specifications, dated November 2010 and Installation Specification Book, dated November 2010 |
| Manufacturer’s Warrantee: | Owner’s Manual (Page # 11), November 2010. |
| Manufacturer’s Specifications: | Installation Specification Book, dated November 2010 |
| Owner’s Manual | Owner’s Manual, Total 11 pages, Revised November 2010 |
| | |

7. Terms and Conditions for this Proprietary Treatment Product Listing Notice

- A. This Notice of Proprietary Treatment Product Listing shall remain in effect until any of the following occurs:
 - i. Applicable provisions of the Arizona Administrative Code, Title 18, Chapter 9, Article 3 are revised;
 - ii. Documents used for the basis of this listing are altered or modified;
 - iii. Manufacturer claims which are relied upon for this listing are later determined to contain an error or omission;
 - iv. The manufacturer requests termination of this listing;
 - v. A listing error or omission is identified; or
 - vi. The manufacturer and ADEQ mutually agree to reissue this notification to incorporate correction or update for any reason.
- B. This Notice of Proprietary Treatment Product Listing does not apply when the:
 - i. Listed proprietary treatment product is modified or operated in a manner that conflicts with Arizona law or the documents used for the basis of this listing action in Section 6.
 - ii. Listed proprietary treatment products is used in a manner that cannot be achieved the performance in Section 3 above.
- C. This Notice of Proprietary Treatment Product Listing applies solely to the product specified in Section 1 above.
- D. The manufacturer is responsible for notifying the ADEQ of changes to contact information at the following address:

Attention: Product Listing Supervisor
Engineering Review Desk,
1110 West Washington Street
Phoenix, AZ 85007.
- E. The listing by ADEQ of any proprietary product or service is not an endorsement by ADEQ or the State of Arizona. ADEQ does not endorse, represent, guarantee, warranty or defend the use of any product which is authorized for use pursuant to A.A.C. R18-9-A309(E). Product providers are a direct source unrelated to ADEQ or the State of Arizona. Use of any listed product is at the user's risk and the State assumes no liability.

| | | | |
|-------------------|---|---------------------|---------|
| Signature: |  | Date Signed: | 5-22-15 |
| Title: | Director, Water Quality Division | | |

ADEQ File #:20070728
RDR