

Let's protect our earth



STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
P.O. Box 402, TRENTON, NJ 08625-0402

**PERMIT TO CONSTRUCT AND OPERATE\* TREATMENT WORKS**

*\*Local Agency approval required prior to operation*

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulation.

<b>PERMIT NO.</b>	<b>ISSUANCE DATE</b>	<b>EXPIRATION DATE</b>	<b>DESIGN FLOW</b>
02-3487-4SG	October 1, 2002	See below	N/A

<b>NAME AND ADDRESS OF APPLICANT</b>	<b>LOCATION OF ACTIVITY</b>
New Jersey Department of Environmental Protection Bureau of Nonpoint Pollution Control P.O. Box 029 Trenton, New Jersey 08625-0029	Counties: All Pinelands Municipalities: All Pinelands

**General Requirements:**

This approval authorizes administrative authorities to approve onsite wastewater treatment and disposal systems located within the boundaries of the Pinelands Area as established by the Pinelands Protection Act (N.J.S.A. 13:18A-1 et seq.) as identified by N.J.A.C. 7:9A-3.8, using nitrate reduction systems in conjunction with systems otherwise designed pursuant to N.J.A.C. 7:9A-1 et seq. Only those systems listed below are eligible for consideration under this approval. All other aspects of the onsite wastewater treatment and disposal system design and construction not specifically covered by this approval must conform to N.J.A.C. 7:9A-1 et seq.

**Product Specifications:**

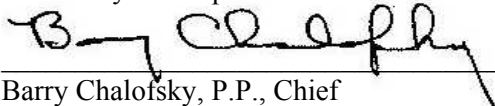
Products covered by this TWA are listed in the table below.

MANUFACTURER	PRODUCT	TYPE
F.R. Mahony & Associates, Inc.	Amphidrome	All
Ashco-A-Corporation	Recirculating Sand Filter	RSF III
Aquapoint, Inc./AWT Environmental	Trickling Filter	Bioclere
Bio-Microbics, Inc.	FAST	All
Cromaglass Corporation	Sequencing Batch Reactor	All

**Expiration Date:**

This approval to construct and operate shall cease upon the expiration of the Pinelands Alternate Design Waste Water Treatment Systems Pilot Program authorized under N.J.A.C.7:50-1 et seq. Any subsequent extension to that pilot study or formal acceptance by the Pinelands Commission through adoption of an amendment to N.J.A.C. 7:50-1 et seq. of any of the technologies listed shall be considered an extension of this TWA in full or any applicable part thereof.

**APPROVED** by the Department of Environmental Protection



Barry Chalofsky, P.P., Chief  
Bureau of Nonpoint Pollution Control

Date

*This permit is also subject to special provisos and general conditions stipulated on the attached page(s) which are agreed to by the permittee upon acceptance of the permit.*

**Site Requirements:**

The location of the onsite wastewater treatment and disposal system must conform to all provisions of N.J.A.C. 7:9A-1 et seq.

No construction of the onsite wastewater treatment and disposal system or the proposed realty improvement shall begin until the administrative authority has provided written notification to the applicant that all aspects of the design and construction of the onsite wastewater treatment and disposal system which are not authorized under this treatment works approval are in strict conformance with N.J.A.C. 7:9A-1 et seq.

The issuance of this permit does not exempt the applicant of the responsibility to comply with all other applicable Federal, State, County and Municipal rules and regulations.

**System Design Requirements:**

All aspects of the nitrate reduction system must be in strict conformance with the Pinelands Alternate Design Waste Water Treatment Systems Pilot Program requirements at N.J.A.C. 7:50-10.22 or any subsequent amendment to N.J.A.C. 7:50-1 et seq. adopted by the Pinelands Commission authorizing the use of an of the technologies.

All other aspects of the design of the onsite wastewater treatment and disposal system must conform to the provisions of N.J.A.C. 7:9A-1 et seq.

**System Construction Requirements:**

Onsite wastewater treatment and disposal systems constructed under the Pinelands Alternate Design Waste Water Treatment Systems Pilot Program shall only be authorized if all the requirements of N.J.A.C. 7:50-10.22 or any subsequent amendment to N.J.A.C. 7:50-1 et seq. adopted by the Pinelands Commission authorizing the use of an of the technologies have first been met.

The construction of the onsite wastewater disposal system must conform to all provisions of N.J.A.C. 7:9A-1 et seq. This approval only authorizes the construction and use of products in lieu of or in addition to septic tank(s), pump tank(s) and/or other system components located between the building sewer and the connecting pipe or delivery pipe for an onsite wastewater disposal system.

Any nitrate reduction system that has a wastewater retention capacity less than what is required for a septic tank in a standard system, must show evidence of a reserve area for an appropriately sized septic tank which meets the siting requirements of N.J.A.C. 7:9A-4 et seq.

**System Operation and Maintenance Requirements:**

The operation and maintenance of the nitrate reduction system and the individual subsurface sewage treatment and disposal system must conform to all provisions of N.J.A.C. 7:9A-1 et seq. and N.J.A.C. 7:50 et seq.

Upon completion of the Pinelands Alternate Design Waste Water Treatment Systems Pilot Program or the expiration of this TWA, the nitrate reduction system requires ongoing maintenance in order to ensure adequate functioning of the system. These systems must be maintained pursuant to the manufacturer's specifications for the life of the system.