



STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
P.O. Box 029, TRENTON, NJ 08625-0029

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.

PERMIT NO.	ISSUANCE DATE	EXPIRATION DATE	DESIGN FLOW
03-3487-4SG	March 1, 2003	See below	N/A

NAME AND ADDRESS OF APPLICANT

New Jersey Department of Environmental Protection
Bureau of Nonpoint Pollution Control
P.O. Box 029
Trenton, New Jersey 08625-0029

LOCATION OF ACTIVITY

Counties: All New Jersey
Municipalities: All New Jersey

General Requirements:

This approval authorizes administrative authorities to approve onsite wastewater treatment and disposal systems in New Jersey, using an alternative specification for fill material placed in a zone of treatment or disposal required by N.J.A.C. 7:9A-1 et seq. 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:

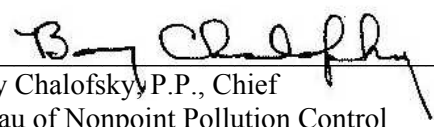
When fill material is used within the zone of treatment or disposal, fill material shall meet the requirements of N.J.A.C. 7:9A-10.1(f)4 and 5, or shall meet the following requirements:

1. *ASTM C-136 Test Method for Sieve Analysis of Fine and Course Aggregate* must be used for characterizing alternative select fill.
2. The material shall meet the standards of *ASTM C33-93 Standard Specifications for Concrete Aggregate*; or
3. The material shall meet the following requirements:
 - a. Coarse fragment content (greater than a No. 8 sieve) less than 15 percent by volume or less than 20 percent by weight;
 - b. Textural analysis (composition, by weight, of size fraction passing the particular sieve as stated): 100 percent must pass a 3/8" sieve; between 80 and 100 percent must pass No. 8 sieve (2.36 mm); between 50 and 85 percent must pass No. 16 sieve (1.18 mm); between and between 25 and 60 percent must pass No. 30 sieve (0.6 mm); between 10 and 30 percent must pass No. 50 sieve (0.3 mm); 2 and 10 percent must pass No. 100 sieve (0.15 mm).
4. Permeability for these materials is established within the range of 6-20 in/hr for design purposes.

Expiration Date:

This approval to construct and operate shall cease upon the written notification by the New Jersey Department of Environmental Protection.

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 design of the onsite wastewater treatment and disposal system must conform to the provisions of N.J.A.C. 7:9A-1 et seq. other than the select fill specification as outlined above.

All design plans and applications for systems proposing to use this alternative fill material specification shall identify the use of this treatment works approval on all applicable documents.

System Construction Requirements:

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 use of products in lieu of the select fill requirements identified at N.J.A.C. 7:9A-10.1(f)4 and 5.

A percolation test shall be conducted within the fill material after it has been emplaced and compacted, or a tube permeameter test shall be conducted using samples of the fill material which have been compacted to a bulk density equivalent to that achieved in the construction of the disposal field. This test must show that the permeability of the emplaced select fill is 6 inches per hour or greater. The soil permeability class rating test may not be used for this purpose.

System Operation and Maintenance Requirements:

The operation and maintenance of the onsite wastewater treatment and disposal system must conform to all provisions of N.J.A.C. 7:9A-1 et seq. and any other applicable Federal, State, County and Municipal rules and regulations.

Special Conditions:

This generic Treatment Works Approval is issued as an experimental system pursuant to N.J.A.C. 7:9A-3.1. The Department, in written notification to the local administrative authorities, may rescind this approval at any time.