

Application Instructions for State Pollutant Discharge Elimination System (SPDES) General Permit GP-0-15-001

Groundwater Discharge of Treated Sanitary Sewage

APPLICABILITY

General Permit GP-0-15-001 authorizes discharges to groundwater of 1,000 gallons per day (gpd) or more and less than 10,000 gpd per outfall of treated sanitary wastewater only, without the admixture of industrial waste, from on-site wastewater treatment systems serving private, commercial and institutional facilities.

If the facility has two or more subsurface discharges, each with a design flow of equal to or greater than 1,000 gpd and less than 10,000 gpd, the combined design flow must be less than 30,000 gpd, to be authorized under this general permit.

Subsurface discharges less than 1,000 gpd do not require a SPDES permit from NYSDEC.

Sewage treatment systems serving more than one separately owned property will only be authorized to a governmental agency, municipality or sewage disposal corporation formed and regulated pursuant to Article 10 of the Transportation Corporation Law.

This General Permit is effective May 11, 2015 - May 10, 2025. An individual authorization for a facility to operate under this General Permit will be given a specific effective date and will expire on May 10, 2025.

Sewage treatment systems must be designed in accordance with the Standard or Alternative technologies in either:

- a. the Design Standards for Intermediate-sized Wastewater Treatment Systems (NYSDEC, 2014), or
- b. for facilities in the Lake George Basin, the <u>Design Standards for Wastewater Treatment Works in the Lake</u> George Basin (NYSDEC, 2015)

Standard On-Site Treatment Technologies:	Alternative On-Site Treatment Technologies:
Septic Tanks With-	Septic Tanks With-
Absorption Trenches	Absorption Trenches Using An Alternative Aggregate
 Shallow Absorption Trenches 	 Shallow Absorption Trenches Using An Alternative Aggregate
Absorption Beds	Absorption Beds Using An Alternative Aggregate
Cut and Fill Systems	 Single-Pass Sand Filters & Pressurized Shallow Narrow Drainfields
Raised Systems	Mound Systems

<u>For Standard or Alternative Technologies</u> – Gravelless (Aggregate-Free) system components are discussed in the NYSDEC Design Standards.

For Alternative Technologies Only – Alternative aggregates that are a recycled solid waste, must be approved by the NYSDEC and have a Beneficial Use Determination (BUD). See <u>6 NYCRR Part 360</u> (Solid Waste Management Facilities Regulations) for more information on BUDs. Alternative aggregates that are manufactured must be made from materials that are inert with respect to wastewater.

Any other technology requires an individual SPDES permit. If you have a question regarding a preferred technology for a proposed or existing facility, please contact the Regional Water Engineer.

EXCLUSIONS

Seepage pits

This General Permit is not applicable in the following environmentally sensitive areas:

- areas of special (100-year) flood hazard, as defined in Environmental Conservation Law (ECL) Article 36;
- freshwater wetlands and adjacent areas, as defined in ECL Article 24;
- tidal wetlands and adjacent area, as defined in ECL Article 25;
- coastal erosion hazard area, as defined in ECL Article 34;

Drip Dispersal or other Low profile Dispersal System

- wild, scenic, and recreational river corridors, as defined in ECL Title 27, Article 15;
- facilities located in the counties of Kings, Nassau, Suffolk and Queens that were not previously authorized in accordance with GP 95-01

Facilities located in these areas require additional review and must apply for an individual SPDES permit. If you have a question regarding your facility location in relation to these areas, please contact your Regional Permit Administrator at the regional office listed below.

APPLICATION INSTRUCTIONS

- 1. Complete all information on the <u>application form</u>. General Permit GP-0-15-001, application forms and instructions are available on DEC's website at http://www.dec.ny.gov/permits/6287.html.
- 2. Applications for new permits must provide a location map (USGS map or the equivalent) showing the facility location.

If you are able to supply accurate project location coordinates, please do so. Location Coordinates are expressed in New York Transverse Mercator (NYTM) units (i.e., UTM Zone 18 expanded to encompass the entire state) based on the North American Datum 1983, or Latitude and Longitude. Coordinates may be obtained from DEC's online Environmental Resource Mapper (www.dec.ny.gov/animals/38801.html), using the Identify tool.

- 3. List each system and outfall on the application form, using continuation sheets for additional outfalls if necessary.
- 4. Acceptable Applicant signatures are as follows:

Organization Required Signature

 Corporation Principal executive officer of at least vice-president level or duly authorized representative who is responsible for the overall operation of the facility.

Partnership General partner

• Sole proprietorship Proprietor

 Municipality, state, federal, or public facility
 Principal executive officer, other ranking elected official, or other duly authorized employee.

- 5. Along with the application form, the applicant must submit
 - an engineering design and site plan signed and certified by a professional engineer licensed to practice in New York State. One hard copy and one electronic copy (as PDF) of the engineering report and design plan must be provided.
 - b. a <u>Design Certification of On-site Treatment Works</u> form completed by the professional engineer designing the treatment system and submitted by the applicant with the application form.
- 6. Submit all application materials to the NYSDEC Regional Permit Administrator for your project area. Refer to the next page for office locations.

Incomplete or inaccurate information will delay processing and final decision on your application.

APPROVED APPLICATIONS

Upon approval of your application, DEC will issue a permit which allows the permittee to construct the treatment system.

After construction, the permittee must submit -

- a. The <u>Post-Construction Certification of On-site Treatment Works</u> to the DEC GP-0-15-001 Coordinator before the permittee can commence discharge of the treated effluent.
- b. As-built site plan to the Department's Regional Water Engineer if the installed system differs from the original site plan with the Post-Construction Certification.

Applicants must obtain local health agency approval of on-site treatment systems prior to commencing discharge, where applicable. Issuance of this permit by DEC does not supersede local authority nor does it constitute authority to discharge prior to such approval.

ADDITIONAL INFORMATION

Permit Conversion - Except for facilities located in Kings, Nassau, Queens and Suffolk counties, a facility that has been constructed and is operating in accordance with an individual SPDES permit may request conversion to this General Permit. Provide the current SPDES number on the application form. Pre-existing permitted systems do not require the submission of professional engineer certifications or as-built plans.

Permit Transfer - To transfer a permit follow instructions on NYSDEC website: http://www.dec.ny.gov/permits/6222.html.



Department of Environmental Conservation

Submit permit applications to the Regional Permit Administrator for the DEC Region where your facility is located:



NYS DEC REGION 1

Regional Permit Administrator SUNY @ Stony Brook 50 Circle Road Stony Brook, NY 11790-3409 phone: 631-444-0365 fax: 631-444-0360

email: DEP.R1@dec.ny.gov For Nassau and Suffolk Counties

NYS DEC REGION 2

Regional Permit Administrator 1 Hunter's Point Plaza 47-40 21st Street Long Island City, NY 11101-5407 phone: 718-482-4997 fax: 718-482-4975 email: DEP.R2@dec.ny.gov > For Brooklyn, Bronx, Manhattan,

NYS DEC REGION 3

Regional Permit Administrator 21 South Putt Corners Road New Paltz. NY 12561-1620 phone: 845-256-3054 fax: 845-255-4659 email: DEP.R3@dec.ny.gov

Queens and Staten Island

> For Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster and Westchester Counties

NYS DEC REGION 4

Regional Permit Administrator 1130 North Westcott Road Schenectady, NY 12306-2014 phone 518-357-2069 fax: 518-357-2460 email: DEP.R4@dec.ny.gov

> For Albany, Columbia, Greene, Montgomery, Rensselaer, Schenectady and Schoharie Counties

NYS DEC REGION 4 Sub-Office Regional Permit Administrator

65561 State Highway 10 Stamford, NY 12167-9503 phone: 607-652-7741 fax: 607-652-2342 email: DEP.R4@dec.nv.gov

➤ For Delaware and Otsego

Counties

NYS DEC REGION 5

Regional Permit Administrator PO Box 296 1115 NYS Route 86 Ray Brook, NY 12977-0296 phone: 518-897-1234; fax: 518-897-1394 email: DEP.R5@dec.ny.gov > For Clinton, Essex, Franklin, and **Hamilton Counties**

NYS DEC REGION 5 Sub-Office

Regional Permit Administrator 232 Golf Course Rd Warrensburg, NY 12885-1172 phone: 518-623-1281; fax: 518-623-3603 email: DEP.R5@dec.ny.gov > For Fulton, Saratoga, Warren and Washington Counties

NYS DEC REGION 6

Regional Permit Administrator **Dulles State Office Building** 317 Washington Street Watertown, NY 13601-3787 phone: 315-785-2245 fax: 315-785-2242 email: DEP.R6@dec.nv.gov

> For, Jefferson, Lewis and St. **Lawrence Counties**

NYS DEC REGION 6 Sub-Office

Regional Permit Administrator Utica State Office Building. 207 Genesee Street, Room 1404 Utica, NY 13501-2885 phone: 315-793-2555 fax: 315-793-2748 email: DEP.R6@dec.ny.gov

> For Herkimer and Oneida Counties

NYS DEC REGION 7

Oswego Counties

Regional Permit Administrator 615 Erie Blvd West, Room 206 Syracuse, NY 13204-2400 phone: 315-426-7438 fax: 315-426-7425 email: DEP.R7@dec.ny.gov > For Cayuga, Onondaga and

NYS DEC REGION 7 Sub-Office

Regional Permit Administrator 1285 Fisher Avenue Cortland, NY 13045-1090 phone: 607-753-3095 ext. 233 fax: 607-753-8532 email: DEP.R7@dec.ny.gov > For Broome, Chenango, Cortland, Madison, Tioga and

NYS DEC REGION 8

Tompkins Counties

Regional Permit Administrator 6274 East Avon - Lima Road Avon, NY 14414-9519 phone: 585- 226-5400 fax: 585-226-2830 email: DEP.R8@dec.nv.gov > For Chemung, Genesee, Livingston, Monroe, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne and Yates Counties

NYS DEC REGION 9

Regional Permit Administrator 270 Michigan Avenue Buffalo, NY 14203-2915 phone: 716-851-7165 fax: 716-851-7168 email: DEP.R9@dec.ny.gov For Erie, Niagara and Wyoming Counties

NYS DEC REGION 9 Sub-Office

Regional Permit Administrator 182 East Union, Suite 3 Allegany, NY 14706-1328 phone 716-372-0645 fax: 716-372-2113 email: DEP.R9@dec.nv.gov

> For Allegany, Cattaraugus and Chautaugua Counties