

Onondaga County
Department of Water Environment Protection
Generic Groundwater Discharge Permit

For Informational Purposes Only
Actual Permit Conditions May Vary

EXAMPLE GROUNDWATER DISCHARGE PERMIT

Date

Contact Name
Company Name
Address
City, State Zip

Re: Permit to Discharge Treated Groundwater from the *Name* Project to the Onondaga County Sanitary Sewer System

Name:

We have reviewed your request on behalf of *Name* to discharge treated groundwater into the Onondaga County Sewer System. Based on the project plan, groundwater data, and inspections of the site to date, permission is hereby granted to discharge groundwater to the County Sewer System contingent upon adherence to the following conditions:

1. Permission is granted, beginning *Date*, only for the site identified above, located at *Location*. Wastewater from sources not explicitly identified herein must be permitted separately.
2. Permission to discharge treated wastewater to the sanitary sewer system from the above-referenced project shall be granted on a temporary basis only and shall expire on *Date*. A copy of this permit must be visible at the project site.
3. Wastewater discharged to the County Sewer System must be treated by two 55-gallon liquid phase granular activated carbon canisters connected in series.
4. The volume of wastewater discharged to the sanitary sewer system must be monitored by a flow meter capable of measuring instantaneous flow rate and the total volume discharged. Wastewater discharged to the sanitary sewer system **may not exceed 100 gallons per minute (gpm)**. Discharge from this project may be limited or terminated by this office, if necessary, due to sewer system problems, treatment plant bypass, or any other extenuating circumstance including construction activities in the collection system or at the receiving treatment plant.
5. A bound logbook must be maintained for recording daily flow meter readings with the signature of the person recording the data and any other pertinent information pertaining to the treatment system and discharge.

6. Prior to discharge to the sanitary sewer system, an inspection of the project site and the treatment system must be conducted by a representative of this Department. Any recommendations resulting from the inspection must be implemented prior to commencing discharge. In addition, the inspection will serve as approval of the point of discharge to the sewer system.
7. This Department shall be provided with access to the project site during the treatment project so that unannounced sampling and inspection may be conducted at the County's discretion.
8. The discharge of treated wastewater to the sanitary sewer system from the groundwater treatment project shall be subject to the following self-monitoring requirements:
 - a. Grab samples shall be collected from the final effluent of treatment system every month and analyzed for the following parameters:

pH
 Total Cadmium
 Total Chromium
 Total Copper
 Total Mercury
 Total Nickel
 Total Zinc
 Total Lead
 Total Oil and Grease
 Volatiles - USEPA Method 624

In conjunction with the final effluent, samples will be taken between the activated carbon vessels on a *Frequency* basis for volatiles (USEPA 624) to insure breakthrough has not occurred.

- b. All sampling and analyses shall be conducted by a laboratory certified by the New York State Department of Health Environmental Laboratory Approval Program (NYSDOH-ELAP) or the National Environmental Laboratory Accreditation Conference (NELAC) in accordance with USEPA approved methods.
- c. The results of samples analyzed in accordance with Paragraphs (a), (b) and (c) of this section may not exceed the limitations detailed in Section 3.06 of the Rules and Regulations and the following limitations:

<u>Parameter</u>	<u>Limit</u>
Total Volatile Organic Compounds	0.5 mg/l
pH	5.5-10.5 S.U.

Total Volatile Organic Compounds shall be calculated as the sum of detectable concentrations of the compounds detected by USEPA Method 624.

- d. Copies of official laboratory reports, chain-of-custody records, and a summary of the amount of groundwater discharged during the monitoring period must be submitted with each self-monitoring report (SMR).

- e. Each SMR must be signed and its accuracy certified by the project manager or other authorized individual using the following statement:

"I certify under penalty of law that this document and its attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further certify that sampling and analytical methodologies employed during the collection of data required for this submission conform to accepted methods established by the United States Environmental Protection Agency (USEPA) and/or the New York State Department of Health (NYSDOH)."

- f. FAX transmission of draft SMR's is acceptable. However, final SMRs must be received by mail or other means.
9. Within five (5) working days of completion of the project, a written notification of completion must be submitted to this office. This shall include: a) the total volume of discharged groundwater including the method used to determine the volume; and b) the project completion date.
10. A rate of \$25 per 1,000 gallons will be charged to *Name* for the acceptance and treatment of the groundwater.
11. Permission to discharge treated groundwater to the sanitary sewer system from this project is subject to the terms and conditions of this permit and the "Onondaga County Rules and Regulations Relating to the Use of the Public Sewer System." Failure to comply with the aforementioned requirements will result in immediate termination of this permit and may result in the imposition of fines and penalties as allowed by the Rules and Regulations.
12. Permission to discharge to the sanitary sewer system shall expire on *Date*. Requests for permit extension must be received no later than *Date*.

If you should have any questions, please contact Sandra Tuori-Bell of this office.

Sincerely,
DEPARTMENT OF WATER ENVIRONMENT PROTECTION

Randy R. Ott, P. E.
Commissioner