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PROCEDURES GOVERNING THE ACCEPTANCE AND TREATMENT OF GROUNDWATER AND OTHER CONTAMINATED WASTEWATER

The procedures described herein shall apply to all work which involves the discharge of groundwater and other contaminated wastewater, either directly or indirectly, to the Onondaga County Sanitary Sewer System. This shall include, but is not limited to, groundwater encountered during excavation for new construction, groundwater encountered during the removal or installation of underground storage tanks (UST) and water which has collected in storage tanks. All requirements described herein must be satisfied, and written permission from this department received prior to the discharge of wastewater to the Onondaga County Sanitary Sewer System. Permits will only be issued for projects located within Onondaga County.

1. A written request to discharge this groundwater/wastewater must be submitted to the Onondaga County Department of Water Environment Protection (hereafter called the "Department"). This request shall include:
 - a. A complete description of the project and location.
 - b. The approximate volume of water that is to be discharged to the Onondaga County Sanitary Sewer System.
 - c. A letter from the New York State Department of Environmental Conservation (NYSDEC) which states the project site is **not** a listed hazardous waste site. (**Note: Onondaga County does not accept any wastewater from United States Environmental Protection Agency (USEPA) and/or NYSDEC listed hazardous waste sites.**)
 - d. Analytical results of a representative sample of this groundwater/wastewater to be discharged. Sampling and analysis shall be performed by a New York State Department of Health (NYSDOH) certified laboratory, in accordance with approved USEPA methodologies. The sample collected shall be analyzed for no less than those parameters outlined in Table 1. This Department reserves the right to require the analysis for additional parameters, or the collection and analysis of additional samples, depending on the nature of the contaminants. Wastewater that originates from separate and distinct sources will require individual sampling and analysis from each source.

Table 1
Required Groundwater Analysis

| Parameter | OCDWEP Allowable Effluent Concentration Limitation |
|---|---|
| Total Cadmium (Cd) ¹ | 3.0 mg/l |
| Total Chromium (Cr) ¹ | 12.0 mg/l |
| Total Copper (Cu) ¹ | 7.5 mg/l |
| Total Nickel (Ni) ¹ | 7.5 mg/l |
| Total Zinc (Zn) ¹ | 7.5 mg/l |
| Total Mercury (Hg) | 0.006 mg/l |
| Total Lead (Pb) | 1.5 mg/l |
| Oil & Grease | 150 mg/l |
| pH | 5.5-10.5 Standard Units |
| Petroleum Products ² | 0.5 mg/l |
| Total Toxic Organics (TTO's) ³ | 0.5 mg/l |
| PCB's ⁴ | 1.0 µg/l |

2. An inspection of the project site by a representative of this Department shall be conducted prior to issuance of the discharge permit. At the time of the inspection a location for discharging the groundwater/wastewater to the sanitary sewer shall be discussed.
3. The Contractor shall remit a project permit fee of \$200.00 A check or money order for the full amount shall be made out to Onondaga County Department of Water Environment Protection. Should the application be rejected, the permit discharge fee shall be returned to the Contractor.
4. A permit to discharge will be issued by this Department governing the acceptance of groundwater/wastewater from the project site. The permit shall be based upon the information required in items #1 and #2 above. The contractor can commence discharging upon receipt of the permit and adherence to the requirements outlined in the permit.

¹ Analysis for these parameters shall not be required should County personnel deem unnecessary based on best professional judgement.

² Any project site with a history of petroleum storage/use or impacted soil and/or groundwater shall also be analyzed by method NYSDOH 310.13 which is exempt from the requirement for lab certification.

³ Total Toxic Organics (TTO's) are those parameters detected by USEPA Method 624

⁴ PCB's are those parameters detected by USEPA Method 608

5. Prior to discharging to the sanitary sewer, the groundwater/wastewater shall pass through a filter with a maximum pore size of 25 microns (25µm). When pumping out a fuel storage tank that contains water, all fuel-contaminated water shall pass through an oil/water separator capable of removing all free fuel product. All free product shall be pumped into a storage tank to prevent it from entering the sanitary sewer. Free product shall be disposed of in accordance with all local, state, and federal regulations.
6. Groundwater/wastewater shall be discharged to the County Sanitary Sewer System only at the locations designated by this Department. This Department reserves the right to require the contractor to collect and transport the groundwater/wastewater to the Metropolitan Syracuse Wastewater Treatment Facility (Metro) for disposal.
7. The groundwater/wastewater shall be metered so as to determine the quantity discharged to the County Sanitary Sewer System. This Department reserves the right to limit the time and/or rate of discharge of the groundwater/wastewater, depending on the circumstances at the time of discharge.
8. The rate of charge for acceptance and treatment of the groundwater/wastewater shall be \$25 per 1,000 gallons discharged. Additional fees may be charged for analytical costs and other administrative costs incurred by the Department. Variances may be granted by the Commissioner on a case-by-case basis. Payment in the full amount must be received by this office within 30 days of the billing date.
9. Groundwater projects lasting longer than three months may be required to submit monthly discharge volumes so bills can be generated on a monthly basis.
10. The Department reserves the right to discontinue acceptance of the discharge at any time due to collection system problems including, but not limited to, safety considerations, weather considerations, or other emergency situations.
11. The Department reserves the right to conduct random site inspections to ensure compliance of the requirements within the permit and these procedures.
12. A written report must be submitted to the Department within five working days of completion of the project. The report shall include the total volume of groundwater/wastewater discharged, and the project completion date.

Failure to comply with the conditions detailed herein shall subject the permittee to enforcement violations of up to \$1,000.00 for each violation as detailed in Article VII of the Onondaga County Rules and Regulations Relating to the Use of the Public Sewer System.