

2005-2007 Otsego Lake Watershed Onsite Wastewater Demonstration Project



This project is partially funded by NYSDEC for the development of an Onsite Wastewater Treatment Demonstration Program. The project includes design and implementation of advanced treatment technologies including nutrient removal (i.e. phosphorus and nitrogen). Each system will be designed, implemented and monitored in cooperation with the Village of Cooperstown Watershed Supervisory Committee and the SUNY Oneonta Biological Field Station located on Otsego Lake. The focus of the project is to reduce nutrient loading and enhance water quality for the Village of Cooperstown drinking water supply. Engineering services provided for all phases of the project as follows:

- ◆ Site and Soil Investigations
- ◆ Existing Septic System Evaluation
- ◆ Limited Topographic Surveying
- ◆ Client and Jurisdictional Agency Coordination
- ◆ Construction Observation and Administration

The major components of the project include the following:

- ◆ Peat Bio-Filters
- ◆ Textile Bio-Filter
- ◆ Effluent Filters
- ◆ Effluent Recirculation
- ◆ Nutrient Removal Devices
- ◆ Aeration Treatment
- ◆ Microbial Inoculation
- ◆ Trickling Filtration

Reference:

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