ETC PROJECT PROFILE

RESIDENTIAL ADVANCED
SEWAGE SYSTEM



Innovative Wastewater Management
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 Toll free 1-888-747-SOIL (7645)
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On the shores of St. Peter's Bay you will find this private seaside retreat designed by acclaimed Architect, Thomas Moore.

The previous failed septic system was located in an area with a high water table.

ETC was retained to design an environmentally friendly and aesthetically pleasing system that could overcome the site limitations and accommodate a five bedroom cottage.





Pump station installation



Effluent force main from cottages to septic field



Waterloo Biofilter Shed with dispersal bed.

Client: Thomas & Debbie Moore

Contractor: G&P Trucking and Construction

System Overview

Category 3 lot with high water table.

- •An advanced treatment system (Waterloo Biolfilter) treats septic tank effluent to advanced secondary levels before it is dispersed into an area bed constructed with imported sand fill.
- •Tankage consisted of 2200 Igal septic tank and wet well pumping station.
- •The dispersal bed was located in a clearing in the woods approximately 128 m (400ft) upgrade from the pump tank.
- •A total of 30 cm of *Good Quality Fill* was specified and 50 cm of *Approved Imported Sand* under the Waterloo Biofilter shed.

Client Testimonial

"The new sewage system rescued the long term use and potential redevelopment for a 5 bedroom cottage on the site, a major benefit to the real estate value of the property."

"Pumping to a remote field protected the privacy of the woods surrounding the cottage, yet provided a sunny clearing at the rear of the lot, accessed by a pleasant lane."

"There is absolutely no odour off the treatment system. in fact, we are enjoying using this area for relaxation and recreation."

Thomas Moore



