

Client

Bob Neally, P.Eng.
Ontario Realty
Corporation
77 Wellesley Street West
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Location

Penetanguishene and
Lindsay, Ontario

Services

- Flow Studies
- Design
- Contract Administration
- Inspection
- Commissioning

Date

2004 – Penetanguishene
2005 - Lindsay

Key Personnel

Hugh Tracy, P.Eng.
Kevin Kavanagh, M.Sc.
Brent Archibald, P.Eng.
Dagmar Wertheim, OAA

Contract Value

\$85,000.00

Fine Screening Penetanguishene and Lindsay

Scope of Services

High volumes of screenings discharged from two new provincial correctional centres, each with resident populations of approximately 1100, caused sanitary sewer system blockages and overwhelmed the screenings removal systems at the respective wastewater treatment plants in each community.

Project Description

The problem was resolved by installing fine screens on the main discharge sewer complete with an upstream grinder and downstream enclosed auger that brings the screenings to grade where they are disposed of in a continuous polyethylene sleeve, thereby eliminating the need for manual handling. The screenings are also washed as they are removed to reduce odours.



Results

The design and implementation mitigated the problem of chronic sanitary sewer blockages.

