

Corporation of the Township of Elizabethtown-Kitley

Continuous Improvement Fund

FINAL REPORT

Project Number: 160
PROJECT NAME: Waste Site Recycling Sawtooth System
PROJECT TYPE: Collection
CIF Priority Area: Best practice

1. Scope of the Project:

The Continuous Improvement Fund funded the design, materials, equipment rental and labour to construct a sawtooth wall in the Township's residential waste management area. The sawtooth has slots for seven bins.

Approximately 2,084 tonne of Crusher Run Stone (3" and 6") and 413 tonne of Granular 'A' stone was hauled to the project site. The required equipment was rented for 413.05 hours. The Contractor, W.J. Sherwood & Son's Construction Co. Limited provided concrete, steel and other materials and the equipment to prepare footings and pour the form, and walls and the pads for the bins.

The project was completed in October 2008.

2. Rational for the System

The sawtooth enhances the recycling collection, streamlining the separation of recyclable materials and allowing for greater bin capacity. It facilitates easier use of the recycling system; individual ratepayers now have access to bins which encourages recycling.

3. Benefits of the Project:

Staff is able to monitor materials which are placed in the bins because the contents are now visible, ensuring a cleaner material stream. The sawtooth configuration allows for compaction of materials, with more materials in a bin, fewer pickups have cut transportation costs.

Previous to **2008**, the Recycling System at the Depot had an intake of **177 tonnes per year**. In **2009**, the increased tonnage was minimal, but the increase in *volume* was significant. This resulted from glass tonnage being less of a contributing factor and also there was a change in the way some residents dealt with their recycling. **2010** records for shipping showed tonnage of **224.84 tonnes**; an **increase of 47.84 tonnes or 27%**.

Improved signage describes best practices of recycling to rate payers, raising the profile of recycling at the waste site and raising ratepayers' awareness of the recycling program run by the Township, and their role in increasing the life of the waste site by recycling.

4. Attachments:

2 pictures showing a portion of the completed sawtooth wall

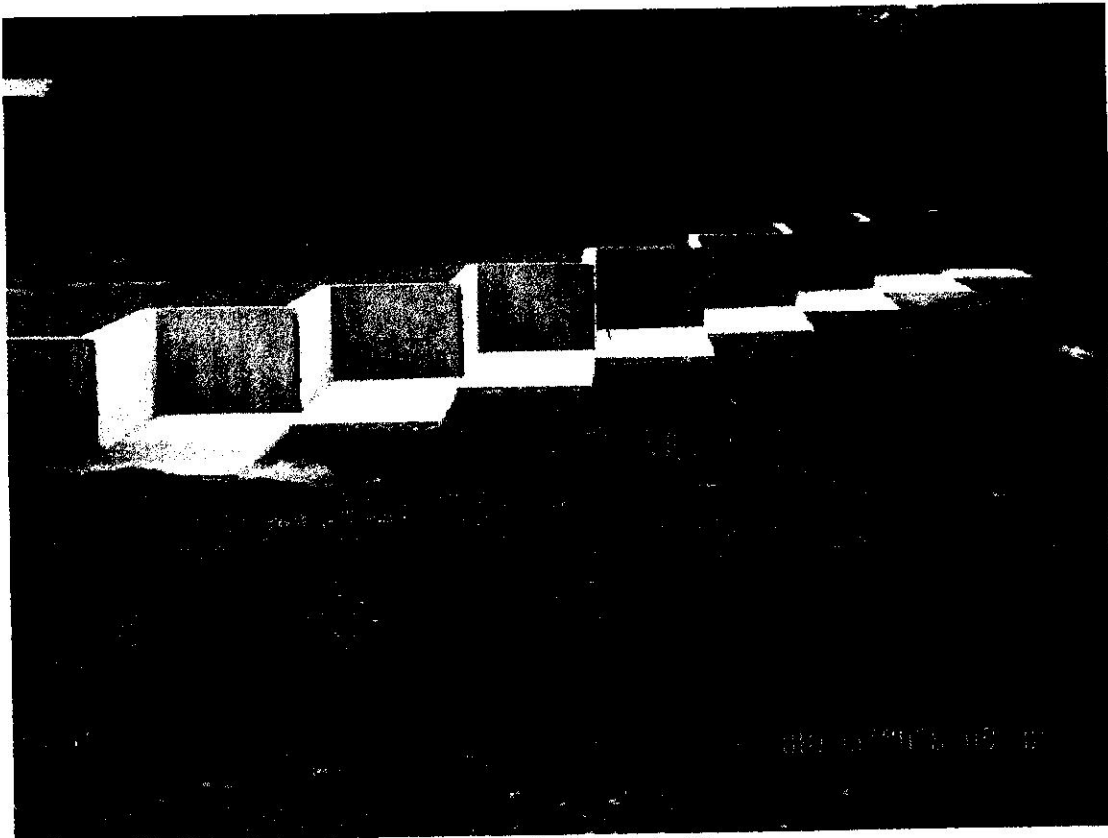


Photo 3 New roll-off docks for use with bins at Greenbush facility

