



**THE TOWNSHIP OF
MCMURRICH/MONTEITH
COMPACTORS PROJECT
August 16, 2012**

Executive Summary

Communities in the northern region of Ontario, specifically the Township of McMurrich/Monteith, are confronted with unique waste management issues such as seasonally fluctuating populations, large rural road networks and long distances to recycling material processing facilities and markets. These obstacles present operational and economic challenges for the Township's recycling program. The Township of McMurrich/Monteith, in association with Waste Diversion Ontario (WDO), The Continuous Improvement Fund (CIF) and Stewardship Ontario entered into an agreement to install equipment to improve efficiency and reduce transportation costs at the Township's Landfill site.

Based on the costs of transporting recyclable materials for processing and the amount of trips required to satisfy the materials generated by the Township the following equipment additions were made to our Landfill location:

- In April of 2012, we purchased 3 compactor bins from the Township of Strong.

These new additions dramatically increased the efficiency of the Township's recycling operations regardless of the fluctuating nature of the waste management variables in the Township. The key area of improvement is the reduction of transportation costs and rental fees.

Our compactors were set up and ready for use as of April 2012. I will use the chart below to illustrate a 4 month comparison period.

DATE	FIBRES	CONTAINERS	RENTAL	TOTAL
April 2011		\$334.48	\$189.59	\$ 776.67
May 2011	\$668.96	\$334.48	\$189.59	\$1,728.03
June 2011		\$334.48	\$189.59	\$ 762.16
July 2011	\$668.96	\$668.96	\$189.59	\$2221.49
TOTALS:	\$1,337.92	\$1,672.40	\$758.36	\$5,488.35
April 2012		\$344.85		\$513.99
May 2012		\$344.85		\$512.43
June 2012	\$344.85	\$344.85		\$1,023.31
July 2012	\$344.85	\$344.85		\$1,023.31
TOTALS:	\$689.70	\$1,379.40		\$3,073.04

The savings is: \$2,415.31

Background:

Our township is located in the rural south-east section of the District of Parry Sound, north of Huntsville, south of Burk's Falls and east of the Town of Parry Sound. Our Township is accessed by Provincial Highway #518 West. Our current population is 801 with 783 households. The main transportation corridor through the area is Secondary Hwy #518. The other transportation corridor is Hwy #11 which is the main north-south transportation route to northeastern Ontario. This is now a four lane highway from Huntsville in the south to Trout Creek in the north. This brings the potential for additional development and increase demands for services, particularly in relation to the recreation and tourism industry.

LANDFILL HOURS				
		Summer Hours		Winter Hours
(Apr 1 – Oct 31)		(Nov 1 – Mar 31)		
Wednesday Thursday	CLOSED CLOSED	Monday	9 am – 5 pm	1 pm – 5 pm
		Tuesday	9 am – 5 pm	1 pm – 5 pm
		Friday	9 am – 5 pm	1 pm – 5 pm
		Saturday	9 am – 5 pm	1 pm – 5 pm
		Sunday	9 am – 5 pm	1 pm – 5 pm

Maintenance:

Upon completion of the installation of the compactors a few trouble shooting initiatives took place. The compactors were adjusted to maximize capacity and hydro completed the hook-ups. The project proceeded and is operating without inefficiencies.

Labour:

The compactors do not directly reduce labour time. However, the compactors do allow our landfill attendant to closely monitor the amount of material in the roll-off bins and allows recycling lifts to be scheduled accordingly in a precise manner. Thus, the landfill site is not interrupted by WSI trucks removing roll-off bins at a high frequency and when the bins are inconsistently filled.

In conclusion, the purchase and installation of our compactor bins will allow the Township to provide relief to the environment and recycling management budget for years to come.

Thank you.