

## E&E Project Summary Report

**Project Name:** Improving the Consistency of Multi-Residential Diversion and Cost Analysis and Reporting

**Project Number:** 201

**Priority Area:** Multi-family

**Lead Sponsor:** AMRC and Essex-Windsor Solid Waste Authority

**Completed By:** AMRC

**Total project value (including in-kind):** \$27,400

**E&E fund contribution:** \$15,400

### Project Overview:

#### *I. Goals*

To develop a consistent methodology for tracking and reporting MR program information using existing multi-residential cost and diversion data.

#### *II. Accomplishments*

- Developed and tested with five municipalities a standard template for reporting and recording multi-residential program costs.
- Identified and verified 'default' mechanisms for deriving and reporting certain less 'direct' program costs, such as contract administration, promotion and education.
- Compared and verified reported diversion data with derived values (from waste audit results).

#### *III. Lessons Learned/Best Practice implications*

The key lesson is that programs must have the ability to isolate or segregate the major multi-residential program costs (MR collection contract, MR processing contract) from their curbside program costs. This would be the case if their multi-residential recycling program is tendered separately or the contractor is required to segregate MR program pricing from curbside. Failing this, an approximation of these costs could be made by apportioning them, based on proportion of multi-residential tonnage to curbside tonnage – provided this tonnage is tracked.

Results obtained from the 5 municipalities who completed the template provided the following cost range information

Total MR costs per tonne (\$): 156 -249

Total MR costs per building (\$): 727 - 2392

Total MR cost per unit (\$): 10 - 26

#### *IV. Limitations*

Three of the original eight programs who had committed to testing the template were not able to do so due to time constraints.

### Impacts (including tonnes diverted and cost impacts)

This was a research project that was not intended to result in system cost savings or tonnage increases. The goal was to develop a tool that would track MR program progress in achieving such system savings.

### Resources & Tools

- Cost template is available in final report

