

---

# Waste Management Department 2008 Update

---



---

## 3-Stream Collection

- Markham's 2008 capture rate of 70.7% (68.7 plus 2% from depots) continues to be one of Ontario's highest
  - RCO Gold Award for 2008 Diversion
  - RCO Bronze - Promotion Eco Media Bins
-

# 2008 Capture Rate provided by Region

|                                   |  |              |
|-----------------------------------|--|--------------|
| <b>AURORA</b>                     |  | <b>63.5%</b> |
| <b>EAST GWILLIMBURY</b>           |  | <b>57.4%</b> |
| <b>GEORGINA</b>                   |  | <b>47.8%</b> |
| <b>KING</b>                       |  | <b>63.4%</b> |
| <b>RICHMOND HILL</b>              |  | <b>64.6%</b> |
| <b>MARKHAM</b>                    |  | <b>68.7%</b> |
| <b>NEWMARKET</b>                  |  | <b>63.8%</b> |
| <b>VAUGHAN</b>                    |  | <b>65.3%</b> |
| <b>WHITCHURCH<br/>STOUFFVILLE</b> |  | <b>62.7%</b> |

---

# Service Improvement

- Driver Appreciation program was initiated to encourage excellent service to Markham residents and appreciation for collectors – 636 less calls in 2008
  - New 2 year collection schedule direct mail to each resident
  - Depot hours revised - 6 day a week service
-

# Multi Residential

- 53 multi-residential buildings
  - ❑ 5,100 living units
  - ❑ Weekly Recycling collection
  - ❑ Weekly Garbage collection
  - ❑ Average 23% diversion without organics
  - ❑ Ontario average of high performers 33%
  - ❑ Ontario average of low performers 8%
- Ontario average multi res diversion is 13%

**MISSION Green**  
Apartment Recycling Guide  
Blue Bag

|   |  |   |
|---|--|---|
| <ul style="list-style-type: none"> <li>Aerosol Cans (Empty) *NEW!</li> <li>Aluminum Foil / Trays / Plates *NEW!</li> <li>Books / Magazines</li> <li>Bookend</li> <li>Cereal / Taste Boxes</li> <li>Cardboard (Flattened)</li> <li>Clear Glass Bottles / Jars</li> <li>Coloured Glass Bottles / Jars</li> <li>Drink Boxes</li> <li>Egg Cartons</li> <li>Plastic, Paper</li> <li>Envelopes / Junk Mail</li> <li>File Folders</li> <li>Food Cans</li> <li>Frozen Food Boxes</li> </ul> | <ul style="list-style-type: none"> <li>Gift Wrap</li> <li>Glossy Flyers</li> <li>Jugs / Jars (Plastic)</li> <li>Margarine Tubs *NEW!</li> <li>Milk / Juice Cartons</li> <li>Newspaper / Flyers</li> <li>Paint Can Lids *NEW!</li> <li>Paint Cans (Empty, Lids Removed) *NEW!</li> <li>Paper (All)</li> <li>Paper Coffee Cups</li> <li>Paper Rolls</li> <li>Paper Sugar / Flour Bags</li> <li>Pill Bottles</li> <li>Pizza Boxes</li> <li>Plastic Bottles #1-#7 *NEW!</li> </ul> | <ul style="list-style-type: none"> <li>Plastic Bakery Trays *NEW!</li> <li>Plastic Containers #1-#7 *NEW!</li> <li>Plastic Microwaveable Dinner Trays *NEW!</li> <li>Plastic Tubes / Lids *NEW!</li> <li>Pop Cans</li> <li>Shampoo Bottles</li> <li>Soap / Cleaner Bottles</li> <li>Telephone Books</li> <li>Tetra Paks (Soy, Milk, Juice, Soup, Drink)</li> <li>Water Bottles</li> <li>Winefield Washer</li> <li>Fluid Containers</li> </ul> |
|---|--|---|

All materials can be mixed together in recycling bins.

|   |   |                        |                 |        |            |               |       |           |                  |               |        |              |                  |             |             |          |           |          |          |                                      |                      |           |            |          |                    |  |               |  |
|---|---|------------------------|-----------------|--------|------------|---------------|-------|-----------|------------------|---------------|--------|--------------|------------------|-------------|-------------|----------|-----------|----------|----------|--------------------------------------|----------------------|-----------|------------|----------|--------------------|--|---------------|--|
| <p><b>Recycling Depots</b></p> <p>All Blue Bag Items<br/>Cellular Phones<br/>Fluorescent Tubes &amp; Bulbs<br/>Ink Cartridges<br/>Large Cardboard Pieces<br/>Plastic Shopping Bags<br/>Re-chargeable Batteries<br/>Scrap Metal<br/>Shredded Paper<br/>Styrofoam<br/>Tires (up to 4)</p> | <p><b>Hazardous Waste &amp; Electronics Recycling Depot</b></p> <table border="0" style="width: 100%; font-size: x-small;"> <tr> <td>Auto Fluids (Oil etc.)</td> <td>Digital Cameras</td> <td>Papers</td> </tr> <tr> <td>Antifreeze</td> <td>Drain Cleaner</td> <td>Paint</td> </tr> <tr> <td>Batteries</td> <td>Electronic Games</td> <td>Paint Thinner</td> </tr> <tr> <td>Bleach</td> <td>Fax Machines</td> <td>Radios / Stereos</td> </tr> <tr> <td>Braze Fluid</td> <td>Flea Powder</td> <td>Scanners</td> </tr> <tr> <td>Chemicals</td> <td>Gasoline</td> <td>Solvents</td> </tr> <tr> <td>Computers, modems, cables &amp; software</td> <td>Glue (Solvent Based)</td> <td>Varnishes</td> </tr> <tr> <td>(CDs etc.)</td> <td>Medicine</td> <td>VCRs / DVD Players</td> </tr> <tr> <td></td> <td>Oven Cleaners</td> <td></td> </tr> </table> | Auto Fluids (Oil etc.) | Digital Cameras | Papers | Antifreeze | Drain Cleaner | Paint | Batteries | Electronic Games | Paint Thinner | Bleach | Fax Machines | Radios / Stereos | Braze Fluid | Flea Powder | Scanners | Chemicals | Gasoline | Solvents | Computers, modems, cables & software | Glue (Solvent Based) | Varnishes | (CDs etc.) | Medicine | VCRs / DVD Players |  | Oven Cleaners |  |
| Auto Fluids (Oil etc.)  | Digital Cameras   | Papers                 |                 |        |            |               |       |           |                  |               |        |              |                  |             |             |          |           |          |          |                                      |                      |           |            |          |                    |  |               |  |
| Antifreeze  | Drain Cleaner   | Paint                  |                 |        |            |               |       |           |                  |               |        |              |                  |             |             |          |           |          |          |                                      |                      |           |            |          |                    |  |               |  |
| Batteries   | Electronic Games  | Paint Thinner          |                 |        |            |               |       |           |                  |               |        |              |                  |             |             |          |           |          |          |                                      |                      |           |            |          |                    |  |               |  |
| Bleach  | Fax Machines  | Radios / Stereos       |                 |        |            |               |       |           |                  |               |        |              |                  |             |             |          |           |          |          |                                      |                      |           |            |          |                    |  |               |  |
| Braze Fluid   | Flea Powder   | Scanners               |                 |        |            |               |       |           |                  |               |        |              |                  |             |             |          |           |          |          |                                      |                      |           |            |          |                    |  |               |  |
| Chemicals   | Gasoline  | Solvents               |                 |        |            |               |       |           |                  |               |        |              |                  |             |             |          |           |          |          |                                      |                      |           |            |          |                    |  |               |  |
| Computers, modems, cables & software  | Glue (Solvent Based)  | Varnishes              |                 |        |            |               |       |           |                  |               |        |              |                  |             |             |          |           |          |          |                                      |                      |           |            |          |                    |  |               |  |
| (CDs etc.)  | Medicine  | VCRs / DVD Players     |                 |        |            |               |       |           |                  |               |        |              |                  |             |             |          |           |          |          |                                      |                      |           |            |          |                    |  |               |  |
|   | Oven Cleaners   |                        |                 |        |            |               |       |           |                  |               |        |              |                  |             |             |          |           |          |          |                                      |                      |           |            |          |                    |  |               |  |

\* Gently used clothing, toys, etc. can be dropped off at the Goodwill Donation Centre at the Thornhill Recycling Depot

Questions?  
Call: 905-415-7535  
Email: [wastemgt@markham.ca](mailto:wastemgt@markham.ca)  
Web: [www.markham.ca](http://www.markham.ca)



We public make free 100 per cent recycled paper and 100 per cent recycled ink. A permanent quality free and printed using 100% recycled based ink.

# Multi Year Project

- Phase in organic collection over 3 years
- Each building requires individual plan
- 8 buildings completed in 2008
- @ 20 in 2009
- @ 20 in 2010



# RECYCLING HANDBOOK



FOR SUPERINTENDANTS AND  
PROPERTY MANAGERS



MISSION Green

MARKHAM

# Our Building Recycles

OUR RECYCLING AREA IS LOCATED:



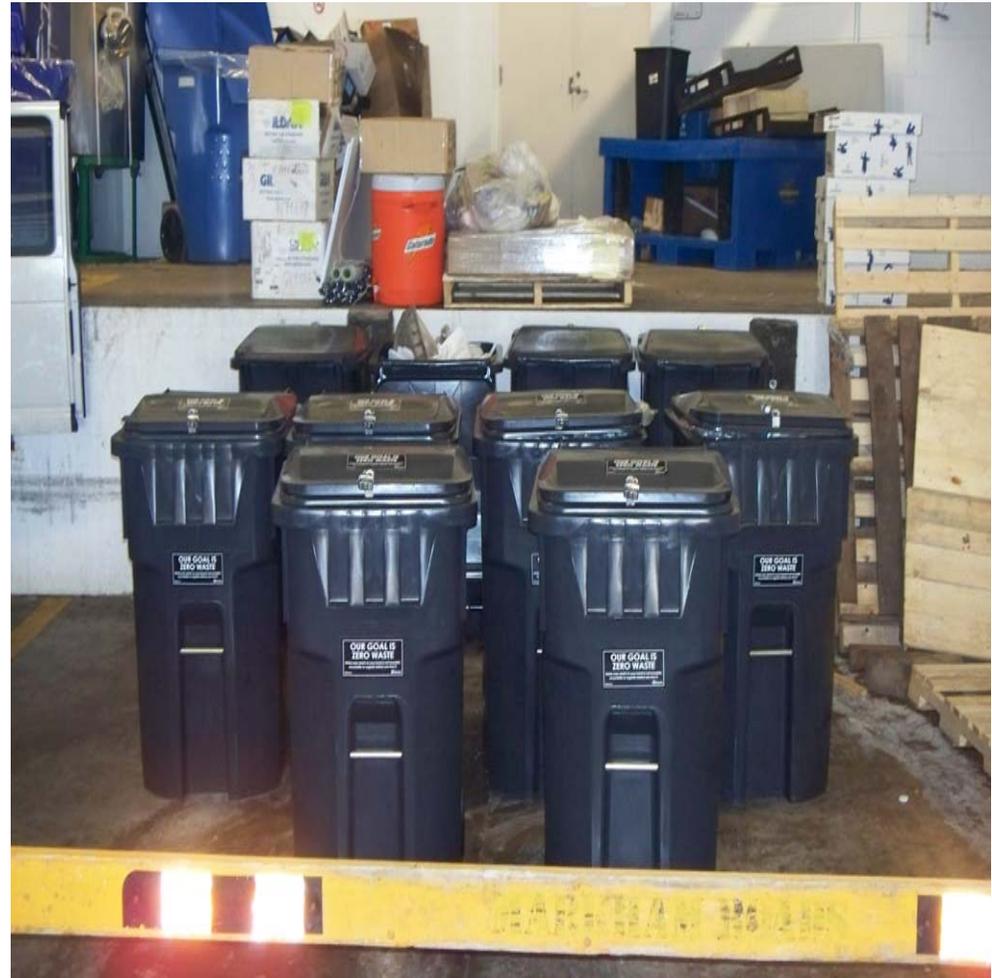
Markham Waste Management  
905-415-7535

MISSION Green

© This poster marks how you can become a responsible citizen and help the environment. It is a symbol of recycling and is subject to change without notice.

# Zero Waste- Municipal Facilities

- We went from over 500 garbage containers in the Civic Centre to 45 central stations
- 8100 Warden has a Zero Waste program
- Varley Art Gallery



---

# Zero Waste – 2009

In 2009:

- Centennial Community Center
- Thornhill Community Center
- Boxgrove Community Center
- Crosby Arena

In 2010:

- Angus Glen Community Center
  - Milliken Mills Community Center
  - Mount Joy Community Center
  - Markham Village Community Center
-

# Special Events

20 Containers  
35 events



---

# Zero Waste Policies

- Markham's program has received national attention
  - Cover Solid Waste Magazine
  - Presentations – AMRC, MWIN, City of Kitchener, Canadian Waste Expo, Ministry Municipal Affairs, Ministry of Environment
  - Markham helped form 'Ontario Zero Waste Coalition'
-

---

# Zero Waste - School Pilot

- Unionville Meadows Public School received funding from Markham's MESF program
  - Increased diversion to 89% and are on their way to Zero with help from Waste Management Department
-

---

# Blue Box Review - MOE

- MOE released discussion paper :  
‘Toward a Zero Waste Future’ suggesting a forward thinking waste diversion framework is coming. MOE profiled Markham’s Zero Waste program as part of their Province wide consultation on Zero Waste
  
  - 1. Extended Producer Responsibility
  - 2. Greater focus on waste reduction and reuse
  - 3. Increased ICI waste reduction and diversion
-

---

# Key New Projects for 2009

- Organics expansion to BIA  
Markham  
Unionville
  - Clear Bag Program– town wide implementation
  - Complete recycling depot review in anticipation of electronic stewardship and utilization of polystyrene densifier
  - Begin collection contract process
-