

# Annual Solid Waste Report

2009



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## Solid Waste Services

### Collection Services

We provide waste collection services to residents within the City of Greater Sudbury. Low-density residential buildings (6 units or less) receive:

- Weekly garbage collection for up to 3 approved garbage containers
- Weekly leaf and yard trimmings collection for an unlimited amount of approved containers
- Weekly furniture and appliance collection
- Weekly blue box recycling collection for an unlimited amount of approved containers
- Collection of household hazardous waste by appointment

High-density residential buildings (7 units or more) receive:

- Weekly garbage and recycling collection by agreement with property owner
- Collection of household hazardous waste by appointment

Industrial, Commercial and Institutional buildings receive:

- Weekly yellow box recycling collection by agreement
- Multi-Type Properties - weekly waste collection services to the residential dwellings within the property. Terms and conditions listed in agreement with the property owner.

### Diversion Services

We process the following waste from all sectors within the City of Greater Sudbury:

- Blue Box Recyclables
- Leaf and Yard Trimmings, Christmas Trees
- Scrap Metal and White Goods
- Electronic Waste
- Clean and Non-Treated Wood Waste
- Other Wood Waste
- Sod
- Concrete, Brick and Block
- Tires
- Reusable Cloth Items
- Organics
- Derelict Motor Vehicles

### Disposal Services

The City of Greater Sudbury owns and operates (via private contractors) four active landfill sites and two closed landfill sites. The operating landfill sites are located in Lively, Sudbury, Hanmer and Azilda.

### Clean-up Program and Educational Services

Management of clean-up initiatives, such as Adopt-a-Road, Adopt-a-Spot, Adopt-a-Bin, anti-litter awareness and education, Annual Clean-up Blitz, 40 Hours of Community Service for Clean-ups.

Provision of backyard composters, green carts, recycling equipment and the promotion and education of all 3R (reduce, reuse, recycle) activities.

## Recent Developments

### Green Cart Residential Organics Program

Approximately 57,000 'Green Cart' Organic start-up kits were assembled and distributed to local homes. Residents are now able to divert all food waste and non-recyclable papers.



## Recent Developments (continued)

### Litter Collection

Following a successful pilot study, City Council approved the purchase of a new automated collection unit and staffing to operate the unit for seven months of the year. The unit will be operational in 2010.

### New Funding for Electronic Waste

The City is now an official electronic waste collection site under the Ontario Electronic Stewardship (OES) Program. The recycling processing costs of desktop computers, portable computers, computer peripherals, monitors, televisions and printing devices is now covered by the OES.

Please visit our website for a description of all electronic waste that can be recycled.



## Recent Developments (continued)

### Funding for Tires

New Funding Under the Ontario Tire Stewardship (OTS) Program permits the removal of the tire recycling fee on the first four tires delivered to a City landfill and diversion site. The OTS has also committed to the removal and recycling of large tire stockpiles. For specific details, please call 1-888-OTS-2202.



## Future Initiatives

### Organic Waste

#### Phase 2 - Collection

The City will be undertaking a pilot project for the collection of organic waste from apartment buildings and businesses.

#### Phase 2 - Processing

The City will be undertaking a pilot project to determine whether an enclosed organic waste composting system can be developed. An enclosed system should process the waste faster and allow for the collection of gases. These gases could then be re-directed to the existing landfill gas system and engine. The engine, which is operated by Greater Sudbury Utilities converts the gas to electricity.



## Featured Item

### Small Vehicle Transfer Station

The Small Vehicle Transfer Station is used by small vehicles (cars, vans or pickups with or without trailers) delivering small quantities of waste and/or recyclables. The diversion bins and areas are marked to encourage proper segregation of recyclable and reusable items.

Location – Sudbury Landfill & Waste Diversion Site



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## Statistics

<b>Tonnages Managed</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Waste Landfilled	98,317	95,010	93,142	79,280	80,438	93,260	98,850	113,389	113,329	107,056
Blue Box Materials	9,895	11,275	11,890	13,539	13,931	15,128	15,593	15,367	18,168	21,149
Clean Wood	n/a	n/a	n/a	n/a	25	478	1,558	1,337	890	811
Cloth	n/a	n/a	n/a	1	1	1	89	4	2	2
Concrete, Brick and Block	n/a	625	n/a	n/a	170	543	842	1,143	1,130	1,075
Contaminated Wood	n/a	n/a	n/a	n/a	425	566	474	273	4,471	4,292
Electronic Waste	n/a	n/a	n/a	n/a	5	26	25	68	126	193
Household Hazardous Waste	262	301	266	260	270	259	290	294	318	289
Leaf and Yard Trimmings	2,212	1,610	3,000	2,886	4,348	5,202	6,868	7,320	8,341	8,268
Organics	n/a	n/a	n/a	n/a	n/a	n/a	18	119	187	1,610
Reuse Store	n/a	n/a	18	15	114	236	195	281	431	244
Scrap Metal and White Goods	1,090	2,082	1,797	1,442	1,655	1,913	2,648	1,495	1,692	1,614
Sod	n/a	n/a	n/a	n/a	141	150	463	190	205	253
Tires	744	691	882	846	329	773	789	1,132	3,438	1,551

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<b>Spring Residential Tipping Fee Holiday</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Number of Trips	10,030	9,536	10,063	9,505	8,262
Tonnes Delivered	2,249	2,220	2,195	2,174	1,893
Tires Delivered	8,291	8,255	8,415	9,927	8,863

  

<b>Fall Residential Tipping Fee Holiday</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Number of Trips	n/a	n/a	8,025	6,456	5,811
Tonnes Delivered	n/a	n/a	1,282	1,340	1,352
Tires Delivered	n/a	n/a	8,063	6,110	5,043

## RESIDENTIAL TRIPS TO LANDFILL & WASTE DIVERSION SITES – 2008

	<b>Sudbury</b>	<b>Hanmer</b>	<b>Azilda</b>	<b>Walden</b>
<b>Jan</b>	3,831	2,288	1,651	770
<b>Feb</b>	3,119	1,676	1,378	645
<b>Mar</b>	4,298	2,306	1,797	791
<b>Apr</b>	7,990	4,462	3,473	1,651
<b>May</b>	11,691	6,681	5,479	2,805
<b>Jun</b>	8,715	4,934	3,881	1,989
<b>Jul</b>	9,468	5,384	4,083	2,418
<b>Aug</b>	8,621	4,836	3,730	2,118
<b>Sep</b>	8,396	4,442	3,969	1,918
<b>Oct</b>	8,863	5,056	4,485	2,154
<b>Nov</b>	6,151	3,268	2,791	1,321
<b>Dec</b>	4,511	2,433	2,215	925

## RESIDENTIAL TRIPS TO LANDFILL & WASTE DIVERSION SITES – 2009

	<b>Sudbury</b>	<b>Hanmer</b>	<b>Azilda</b>	<b>Walden</b>
<b>Jan</b>	3,893	2,055	1,821	785
<b>Feb</b>	3,188	1,487	1,405	537
<b>Mar</b>	4,489	2,356	2,075	939
<b>Apr</b>	7,989	4,022	3,549	1,670
<b>May</b>	12,106	6,482	5,773	2,795
<b>Jun</b>	8,901	5,050	4,203	2,304
<b>Jul</b>	7,671	4,989	4,067	2,280
<b>Aug</b>	6,656	5,162	3,770	2,113
<b>Sep</b>	6,290	4,291	3,680	1,901
<b>Oct</b>	7,297	5,113	4,232	2,248
<b>Nov</b>	6,310	3,693	3,163	1,622
<b>Dec</b>	4,333	2,652	2,096	1,017



## City of Greater Sudbury

### Environmental Services Division

Telephone 3-1-1  
Facsimile 705-671-1148  
Website [www.greatersudbury.ca/wastemanagement](http://www.greatersudbury.ca/wastemanagement)

