

SANITATION DEPARTMENT - 2010



Refuse Collection Services

The City of Wilmington operates residential and commercial solid waste collection services. The City refuse collection crews put in a lot of effort to provide good, reliable and cost-effective trash removal service to our customers. This is a daily service which covers over 4000 residential and over 400 commercial customers each week.

This service is provided 5 days a week, 52 weeks a year, with a very slight interruption due to holidays.

This department also collects yard waste and tree branches along with large item pick up.

Composting

This department operates an Ohio Environmental Protection Agency (OEPA)-approved Class 4 compost facility for the area residents. This service is provided free of charge to City of Wilmington residents and \$10 charge for Clinton County residents. We also accept commercial contractors' yard waste at a \$20.00 charge.

Each day the route truck collects the yard waste bags or residents may bring in their yard waste. The yard waste is then placed in the composting area. Accumulated brush, leaves grass clippings and tree branches are ground into mulch, with this mulch being available to the residents free of charge. What the residents do not take is then hauled away by contractors. Over 3000 cubic yards of mulch is generated each year.



Grinding Compost

Dumpster Rentals

The Sanitation Department continues a very successful dumpster rental program for our commercial customers. The department now rents 315 dumpsters that provide a high quality and safe service. This department also services and maintains these dumpsters in



Dumpster Collection

house.

This department has also been renting out large dumpsters to individuals for clean-ups. The dumpster rental service has been well-received and provides another source of income of about \$8,000.00 annually.

Curbside Recycling

In 2005 Wilmington started a voluntary curbside recycle program. This program has struggled to maintain a decent citizen participation percentage. After revamping the program at different times, an Ohio Division of Natural Resources (ODNR) grant was applied for. In April of 2010 we received a \$150,000.00 grant, which allowed us to purchase curbside bins and a 2007 recycle truck. This new program was started December 6, 2010 with the new truck and bins being utilized. We continued to collect the blue bags until the majority of the residents had



received their bins. Starting on December 20, 2010, only bins are being used to collect the recyclables.

This recycling grant was made possible by Sanitation Department personnel spending very long hours doing the study and research and through consistent follow-up with the proper ODNR departments. This grant will allow us to streamline our operation, cut the man-hours and overhead and, at the



Sanitation Department recycling truck for upgraded bin-based curbside recycling program



same time, increase citizen participation.

Landfill Operations

We received our OEPA operating license in January of 2010 at a cost of \$12,500.00. This allows us to receive a maximum of 195 tons of solid waste per day.

In late 2009 OEPA increased their disposal fees, and Clinton County Solid Waste District (CCSWD) increased their generation fees in January 2010.



Unloading at the Landfill

The following table shows our increase in fees:

Disposal and Generation Fees			
	2009	2010	Amount Increased
OEPA	\$51,157.14	\$58,776.19	\$7,619.05
CCSWD	\$73,821.85	\$90,845.81	\$17,023.96



Excavator Pushing Trash

In 2009, the first stage of the vertical expansion was completed and will nearly be at capacity by 2012, which means that in late 2011, engineering will start for Stage 2 of the expansion. Also in late 2011, landfill employees will be able to start doing some minor preparation work to this area of new construction.

Also this year, we acquired a used track loader and used excavator. The purchase was done due to the old track loader losing power and having electrical problems. This piece of equipment has been in worn-out condition for two years. The excavator is replacing the CAT scraper that lost its engine. Due to the age and cost, it was decided not to repair this piece of equipment but to replace it with something more versatile for the City's use.



Track Loader at Landfill

Department Employees and Equipment

The Sanitation Department operates with 15 full-time employees, 52 weeks a year, 5 days a week, including holidays. We are currently up to staff. Also, we are still using WEP (Work Experience Program) clients from Job and Family Services for litter control and recycling work and other duties as needed.



Daily Trash Pickup



We also work in conjunction with court systems and use people that are required to do community service.

The department has 5 pieces of heavy equipment:

- 1 (one) CAT 963c track loader
- 1 (one) CAT DC3 bulldozer
- 1 (one) BOMAG compactor
- 1 (one) Kobelco 250lc excavator
- 1 (one) Case backhoe

Other specialized equipment in the department includes:

- 3 (three) 25-yard high-compaction refuse trucks
- 1 (one) 20-yard semi-compaction recycle truck
- 1 (one) tandem-axle dump truck (converted refuse truck)
- 2 (two) single-axle dump trucks
- 1 (one) water truck
- 6 (six) service trucks
- 1 (one) 65-HP, 4-wheel drive tractor and mower



Other Miscellaneous Information

Due to the downturn of the local economy, we have been searching for new means of revenue and ways to cut back.

We did reduce our fees to CCSWD by separating our recordkeeping on construction and demolition materials from the solid waste materials. These materials did require a generation fee of \$6.50 per ton paid to CCSWD. Now, however, we are only required to pay a fee to the Clinton County Health Department of 80 cents per ton. This is a savings of \$5.70 per ton, or \$13,680 on 2400 tons to date. This was accomplished by meeting with the Clinton County Health Department, CCSWD, and the OEPA to determine that this was the correct way to do our reporting.

Also, in checking with the OEPA, we found that we can accept waste from out of the county with only contacting CCSWD and advising them that we are doing so. There will need to be a change in the 16-year CCSWD plan when it is rewritten. Of course in doing this, we will be required to pay the proper county generation fees.

In addition, we no longer pay surveyor fees for the landfill due to having our own equipment and having a surveyor in the City. This is a saving of about \$12,000.00 per year.

Submitted by: Don Maher, Superintendent
Department of Sanitation