

SANITATION DEPARTMENT



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 five days a week, 52 weeks a year with a very slight interruption due to holidays and weather.



The Sanitation Department also collects yard waste and tree branches along with large item pick up.

The Refuse Crews assist in many other daily functions of the Sanitation Department such as facilities maintenance, equipment maintenance, landfill operations and customer service requests.

Additionally, many times we are called upon to assist other departments when they are over-extended, such as for snow plowing.

The Collections Department consists of the following equipment:

- Three (3) 25-yard high-compaction refuse trucks
- One (1) 20 semi-compaction recycle truck
- One (1) tandem axle dump truck (converted refuse truck)
- Two (2) single axle dump trucks
- Three (3) service pickup trucks
- One (1) sport utility vehicle

COMPOSTING

The Sanitation Department operates an 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, and it 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. Over 5500 cubic yards of mulch was generated this past year.

In the past years, the M&R Department also used this compost facility for disposal of their yearly leaf collection.

DUMPSTER RENTALS

The Sanitation Department continues a very successful dumpster rental program for our commercial customers. The department now rents over 300 commercial dumpsters that provide a high quality and convenient service. This department also services and maintains these dumpsters in-house. In addition, our welding shop provides dumpster repair, replacement for private owners, and other special fabricating.

The department has been renting out large dumpsters to individuals for clean-ups. This service has been well-received and provides another source of revenue to the department.





Our welding shop is used by all the city departments and is very well-equipped to handle almost any project.

In 2013, we acquired an abandoned building from the Wastewater Department known as the union hall to move our welding shop into. Currently this building is also utilized for the storage of the curbside recycling blue bins and other equipment.

CURBSIDE RECYCLING

In 2005, Wilmington started a voluntary curbside recycle program with the blue bag program. This program struggled in the past to maintain a decent participation percentage. We applied for a grant through the Ohio Department of Natural



Resources (ODNR). In April 2010, we received the \$150,000.00 grant, which allowed us to purchase curbside bins and a 2007 G&S recycling truck.

On December 6, 2010, we started using the new truck and bins. To this date, our residential participation has gone from 8% to 46%. We have now delivered almost 1,800 bins to the residents of Wilmington and our program continues to increase.

In 2014, the City again applied for the ODNR Community Development Grant and was awarded. The funds will help expand the program to allow recycling options for Wilmington's small businesses and multi-family housing. Additional equipment upgrades, recycling containers and site improvements will also be purchase with the grant proceeds.

In 2012, we entered into a contract with Abitibi-Bowater, a large recycling materials broker, to purchase the City's recyclables. They supplied roll-off containers, the trucking, and paid the city a premium price for recyclables at \$42.50 per ton. Unfortunately, in October 2014, we received



news that Abitibi had been sold and all operations dissolved. The City, along with other local entities, was stuck with all of the material and no outlet. As a temporary solution, the Department has been working with Rumpke Waste for the service and removal of the material. The material no longer generates revenue and the service charges are expensive, resulting in a loss to the program. The department is actively searching for a service much like Abitibi to return the recycling program to financial balance.

LANDFILL CONSTRUCTION

In 2009, the first stage of a four-stage vertical expansion was completed. In the spring of 2014, construction began on Phase 4 of the expansion. RB Jergens Contractors were awarded the job and exceeded expectations of the cell construction, completing the project in early fall.



Phase 4 is roughly a three-acre site that is situated on the southeast side of the old capped landfill. It is expected that by fall of 2015 we will start waste placement in Phase 4. This design of the vertical expansion allows the city to recapture airspace above the old clay-lined fill without increasing the overall footprint of the total landfill. The total vertical expansion plan of five phases should provide the city an extended airspace life of twelve-plus years.



LANDFILL OPERATIONS

The City Landfill is licensed by the Ohio EPA to accept up to 195 tons of waste per day. The city-operated collection service generates on average 32 tons per day. Other miscellaneous daily waste generates approximately 40 tons, for an average total daily disposal of 72 tons.



In 2009, we acquired a newer track loader, an excavator, and a used off-road haul truck for our landfill operations. Although this equipment is in good shape, it was used equipment when purchased and continued repairs are costly. Recently the off-road haul truck had a major failure to the drive-train, resulting in the purchase of a new truck. In December 2014, we purchased a 2012 Volvo A-30F articulated truck. This machine has low hours and should serve the landfill well for many years. Currently all landfill equipment is in good operating condition. The older bulldozer and compactor are much higher in operating hours; however, they still run well. When we went to this newer equipment, we updated by several years. We can operate much more efficiently and with lower fuel costs. This equipment has already proved to be beneficial to other city departments as well.



The Landfill Department has 8 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
- 1 (one) John Deere tractor & mower
- 1 (one) Terex TA30 off-road dump truck (damaged)
- 1 (one) Volvo A-30F off-road dump truck

DEPARTMENT EMPLOYEES

This department operates with sixteen fulltime employees, 52 weeks a year, five days a week, including holidays. We are currently low on staff with the retirement of Don Maher and Kenny Inlow.

Don Maher worked for the City Sanitation Department and Landfill for twelve years. He served this department very well and will be missed. During his leadership, he expanded the current facility, with the addition of the new 8000 sq. ft. shop area in 2005. Don also made many needed capitol purchases, updating our collection and landfill equipment fleet. He was part of four different cell constructions and many other site improvements.



Kenny Inlow worked at the Sanitation Department for 30 years. He started his career as a refuse collector before being promoted to crew leader/truck driver. During his career, Kenny also performed many other duties as needed, such as heavy equipment operations, facility maintenance, and construction projects around the facility. Kenny was a very versatile and intelligent employee and he will also be missed.

We are currently short-staffed and interviewing to get our workforce back to the normal operating level.

Occasionally we use the W.E.P. program (Work Experience Program) through Job and Family Services for litter control, recycling work, and other duties as needed. We also work in conjunction with the court systems and use people that are required to do community service.

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 state and local fees by separating our recordkeeping on construction and demolition materials from the solid waste materials.

In 2012, we started accepting trash from outside our district, which brought in more revenue and provided a cost savings to the respective districts in terms of fees. We continued this in 2014; however, we have lost many haulers due to higher tipping rates. Currently we are analyzing the market for future possibilities to bring back the haulers and increase our tonnage.

With the installation of scales in 2012, most of the trash received in the landfill during 2013 was by weight and not by volume. This had proved to lower our revenue. For 2013, we redeveloped our fee structure for the different types of waste hauled in and charged accordingly by either weight or volume. This new fee schedule has helped with the airspace-to-revenue ratio for 2014. Operational and expansion costs for the landfill are very expensive and we simply do not take in enough waste to absorb these expenses. In order to help offset these costs, a daily increase of roughly 40 tons (or two truckloads) would be a goal to set going into 2015.



Submitted by:
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