



LANDFILL DIRECTIONS

Route 78 - Take Route 78 to Route 31 North. When you reach the town of Washington, cross over Route 57 and continue for approximately 6-7 miles. You will see a sign on the right side of the road that reads "Warren County Resource Recovery Facility". One-tenth of a mile on the left you will see an access road. The sign will read Covanta Energy. Make a left onto the access road and keep to the left at the Y in the road. At the Stop sign make a right (Mt. Pisgah Ave.) and follow into the Landfill.

Route 80 - Take Route 80 to Route 46E. Follow Rt. 46 until you come to the Junction of Route 31. Turn onto Rt. 31 South. Approximately one mile on the right you will come to an access road. Follow directions from above.

Pollution Control Financing Authority of
 Warren County
 P.O. Box 587
 500 Mt. Pisgah Ave.
 Oxford, NJ 07863

**The Warren County
District Landfill**



Operations Manager: James Williams

Landfill Office: 908-453-2174
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NEW LANDFILL HOURS

Effective: January 2, 2009
 Monday-Friday – 7:00 am – 2:30 pm

Hours of Operation:
 Monday thru Friday: 7:00 AM – 2:30 PM
 Saturday: 7:00 AM – 11:00 AM

Prepared by: Pollution Control Financing Authority
 of Warren County

LANDFILL OPERATIONS

The Warren County District Landfill is located in White Township approximately ¾ of a mile from the **Resource Recovery Facility (RRF)** on Mt. Pisgah Ave. in Oxford, NJ.

The RRF processes solid waste into energy that is sold to General Public Utilities. Ash from the RRF is disposed of at the Landfill. In addition, ferrous metals (scrap iron) recovered from combustion ash are stockpiled at the Landfill before transport to recycling facilities.

The Landfill commenced operation in September 1990. The Landfill consists of a scale house, maintenance and administrative buildings, convenience/recycling center, energy plant, and 45 acres of permitable landfill space. The scale house is equipped with a scale computer and a Toledo Scale with a 100 ton capacity. Located at the scale house area is our Convenience/Recycling Center.

Convenience/Recycling Center

The Convenience Center has been upgraded/expanded to include the Warren County Recycling Center. **Convenience** - Pickup truck or car loads of debris (i.e. wood, shingles, carpeting, furniture, household trash, etc.) are accepted at the center. Items brought in this manner will be weighed on our scale at the current disposal rate plus all applicable taxes. Payment must be in the form of cash or check upon disposal.

Recycling - The following co-mingled recyclable items are accepted: glass bottles; aluminum, tin and bi-metal cans; plastic bottles. **Non-acceptable** plastic containers: **NO** motor oil, corrosive/chemical containers, i.e. liquid plumber, etc. Office paper, computer paper; junk mail; corrugated cardboard, & newspapers are also accepted with the other co-mingled items. There is no charge for recyclable items.

Items Not Permitted or Accepted are hazardous wastes such as asbestos, pesticides, cleaners, oil-based paints, etc. These items are collected twice a year under our **Household Hazardous Waste (HHW)** program. Computers and Electronics are also collected on HHW days. Call PCFAWC at 908-453-2174.

Energy Plant

The landfill gas to energy plant (WC Landfill Energy, LLC) became operational November 2006. The plant consists of two internal combustion engines that burn the landfill gas and generate electricity. A sulfur scrubbing system to lower emissions of sulfur oxides in the landfill gas has also been constructed. The energy generated from this facility is used to power some of the landfill buildings and the balance is sold to public energy utilities.

LANDFILL DESIGN

The Landfill design consists of 6 Cells. Of the 6 Cells, 5 are currently constructed and active.

Cell 1-A has been in operation since September 1990 and is approximately 6.2 acres. Cell 1-E and W1/W2 have been in operation since March 1992 and are approximately 5.4 and 7.7 acres respectively. Cell 3, in operation since December 2000, is approximately 10 acres. Cell 4 which is approximately 12 acres was completed in April 2003.

The other cell will be constructed as needed in the future.

The state-of-the-art liner system currently in place at the Landfill consists of a double composite liner system.

The components of the system are:

- 12" thick stone sub-grade stabilization layer
- High Density Polyethylene (HDPE) 60 mil smooth or textured liners (primary and secondary)
- Geosynthetic Clay Liner (GCL) or Bentonite [an absorbent aluminum silicate clay] liners (primary and secondary)
- Leachate [waste water] collection piping systems (primary and secondary)
- 12" thick stone secondary drainage layer or geocomposite drain
- 24" thick stone or sand primary drainage layer

LANDFILL COMPLIANCE

Located at the Landfill is a 900,000 gallon leachate tank. All rainwater that is collected in the Landfill is drained through the liner piping system to the tank. From the tank the leachate travels to a pump station, and then is pumped through a force main pipe to the RRF and mixes with their waste water. From the RRF, the leachate is piped to the Pequest River Municipal Utilities Authority where it is treated and discharged to the Pequest River.

Samples of leachate are collected monthly by a certified lab and the results sent to the proper state agencies. Other sampling locations at the Landfill include 20 monitoring wells throughout the site. These wells allow testing of the aquifer that runs below the landfill.

There are strict monitoring requirements implemented at the Landfill for ground water, leachate, wastes received and landfill operations. All efforts are made to ensure a safe, efficient and well maintained Landfill for the public and for the environment.

The information in this brochure is intended to help everyone better understand the operations of a modern landfill.

RATES

Bagged Trash \$2.00 per bag
Freon-containing Appliances \$15.00 per item

Must Have Doors Removed

Mon.-Fri. Rates

All Other Acceptable Items .05 cents per lb.
(\$95.00 per ton)

Saturday Rates

Cars \$25.00
SUVs/Vans/P/U Trucks \$40.00
Rack Bodies/Trailers will be weighed