

City of Rockland

Solid Waste Facility

Mission

To pursue a safe, efficient and effective waste management operation that protects the natural environment while supporting Rockland's vision to create a sustainable future for generations to come.

Department Description

The Solid Waste facility consists of a transfer station, recycling center, a landfill disposal area, composting operation, chipping pad, universal waste accumulation area, scale house, break & office trailer and swap shop. The Solid Waste Facility operation is equipped with the following rolling stock; 2006 GMC pick-up, 2005 Bob Cat skid-steer, 2007 John Deere mower, 1987 Case Uni-loader, 1999 Western Star tractor cab with 3 STECO self ejecting trailers, 2011 CAT 924 loader and 2008 950 John Deere bulldozer. The Solid Waste Operation handles over 40,000 tons of waste and recyclable material and pumps over 7 million gallons of leachate preventing surrounding groundwater around quarry 2 north and south from becoming contaminated. All of the aforementioned is done with seven employees.

Previous Year's Highlights

- Completed year with 0 OSHA recordable injuries.
- Implemented and executed new fee structure for Solid Waste Facility, making the operation self funded with no tax dollars needed as well as funding landfill closure reserve.
- Completed greenhouse gas destruction & gas modeling study that was funded by federal EECBG grant.
- Completed 125' x 135' paved permitted composting area, more than half was funded by a grant obtained from the Maine State Planning Office.
- Resolved subsurface landfill fire with the use of perimeter clay placement and intermediated clay placement.

Goals & Objectives

- Completed year with 0 OSHA recordable injuries.
- Work with restaurants and residents to incorporate vegetative food waste into the composting operation.
- Work with the DEP to install a flare or filter device onto the gas extraction system to assist with odor control.
- Complete new gatehouse.
- Replace hydrogen peroxide tank and surrounding fence and tie peroxide distribution equipment into the leachate extraction system.
- Re-grade and fill in settlement on quarry 2 south cap.
- Obtain a landfill compactor to increase compaction, reduce fire, assist with odor control and help prevent later landfill settlement.

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- Re-grade pavement and install transfer station floor drain system designed to capture leachate from municipal waste trailers and send it to sewer.
- Work on layout of future construction and demolition transfer area.