

**New York State
Environmental Investment Program (EIP)
Capital Project Summary
WeRecycle! LLC**

Project Background

WeRecycle! LLC is an electronics recycling firm and successor-in-interest to WeRecycle!, Inc., the original co-implementor that located a new, automated processing facility in Mount Vernon, NY. Due to growing demand for responsible, domestic recycling of electronic waste, additional infrastructure was needed in New York State. To improve material recovery and increase capacity, an automated recycling process was needed.

Prior to this project, WeRecycle!, Inc. had operated an electronics recycling facility in Connecticut, where electronic devices were de-manufactured using a 100% manual process. Various metals, plastics, glass, circuit boards, batteries and other components were separated manually into categories for downstream recovery.

Project Description

Based on the specific process requirements outlined above, a decision was made to purchase an SSI 300 HP Quad Shredder equipped with dual in-line belt magnets, incoming/outgoing conveyors, dust collection (including HEPA filtration) and ancillary equipment.

Site preparation and construction began in March 2007 and continued through December 2007. The work was delayed about four months with roof expansion and electrical upgrades. The equipment was installed in November and December 2007 and the facility officially became operational on January 15, 2008.

Project Results

The operating performance of the facility has exceeded expectations. Due to the investment in technology, the facility has more than tripled its processing rate.

More importantly, the facility is located to efficiently serve the New York City metropolitan market. The New York State Electronic Equipment Recycling and Reuse Law will come into effect April 1, 2011 and divert a significant quantity of electronics from the solid waste stream. The Mount Vernon facility is ideally positioned to provide a low cost, responsible processing option for this equipment.

Thirteen new jobs had been created as of the project completion date, and it was anticipated that significantly more staff would be added with the growth of the incoming volume of electronics. The plant has the capacity to process more than four tons of electronics per hour.

The facility operates in conformance with the ISO14001 Environmental Management System. The plant is a model for responsible processing of electronic waste and the operations are in line with the R2 Standards for Responsible Electronics Recycling (voluntary standards EPA was involved in creating) and the e-Stewards Standard for Responsible Recycling and Reuse of Electronic Equipment developed by the Basle Action Network. The facility has been showcased on NPR, NBC and 1st Look NY.

Contractor:	Westchester County IDA	NYS EIP Investment:	\$500,000
County:	Westchester	Contractor Match:	\$1,692,327
ESD Region:	Mid-Hudson	Total:	\$2,191,327
ESD Contact:	518/292-5340	Completion Date:	December 2008