



R·R·R·A·S·O·C

2012 Annual Report

Member Communities

**Farmington
Farmington Hills
Novi
South Lyon
Southfield
Walled Lake
Wixom**

Board of Directors

Chairman

Steve Brock, City Manager, Farmington Hills

Vice Chairman

David Murphy, City Manager, South Lyon

Treasurer

Vincent Pastue, City Manager, Farmington

Secretary

Fred Zorn, Deputy City Administrator, Southfield

Clay Pearson, City Manager, Novi
James G. Scharret, City Administrator, Southfield
L. Dennis Whitt, City Manager, Walled Lake
Anthony Nowicki, City Manager, Wixom

Designated Board Alternates

Gary Mekjian, Director, Farmington Hills Department of Public Works
Chuck Eudy, Director, Farmington Department of Public Services
Rob Hayes, Director, Novi Department of Public Services
Bob Martin, Superintendent, South Lyon
Mike Howell, Director of Public Works, Wixom
Lisa McGill, DPW Coordinator, Walled Lake

RRRASOC Staff

Michael Csapo, General Manager
Laura Shaw, Administrative Secretary
Rachel Pitt, Recycling Coordinator

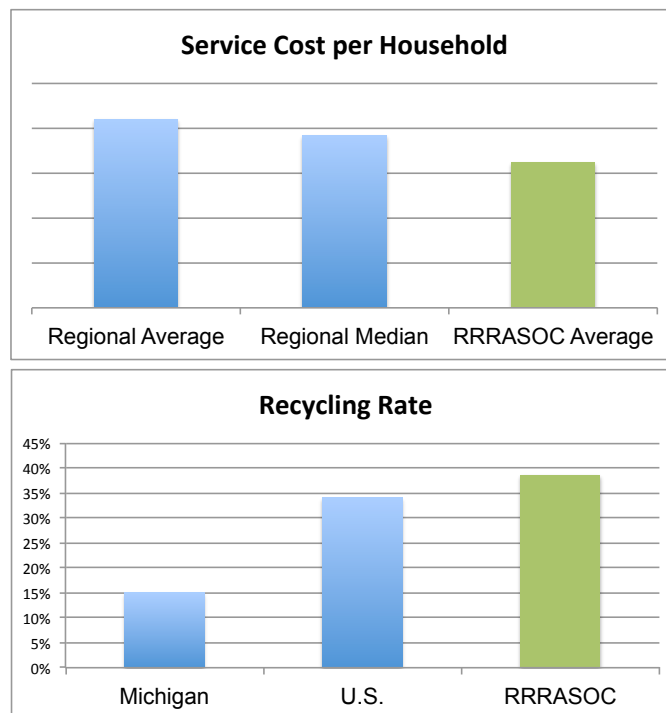
During 2012, the Resource Recovery and Recycling Authority of Southwest Oakland County continued to capitalize on the opportunities and economies available through service sharing, public/private partnerships, the adoption of best practices, and the use of state-of-the-art recycling systems.

Privately funded improvements to the RRRASOC Materials Recovery Facility, the deployment of cart recycling, and a continued partnership for electronic recycling fostered sustained program improvements. Those improvements resulted in cost savings, revenue enhancements, and improved services.

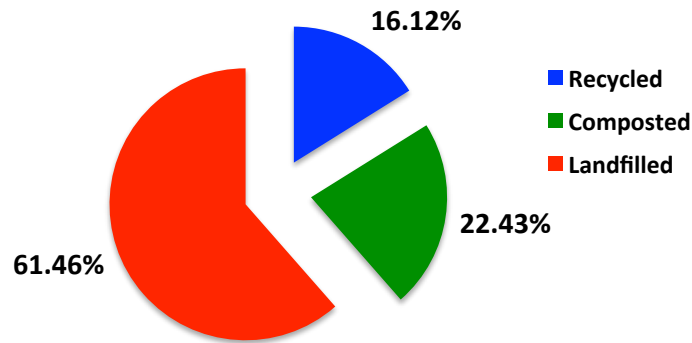
Last year, nearly 24,615 tons of yard waste, recyclables, and household hazardous waste items were collected through the RRRASOC collection programs and diverted from local landfills. More than 16 percent of all residential solid waste was recycled into new products and more than 22 percent was composted. Total recycling, which includes composting, increased to nearly 39 percent, while waste generation per household continued to fall.



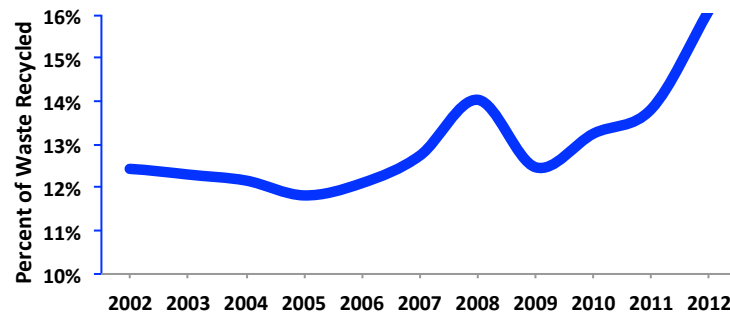
Cost effectiveness remained a focus of RRRASOC's efforts. In 2012, RRRASOC evaluated the solid waste expenditures of dozens of communities in southeast Michigan to benchmark the performance of our Member Communities. That review demonstrated that the budgeted expenditures in the RRRASOC communities are consistently among the lowest in the region; with expenditures well below average while program performance is well above average.



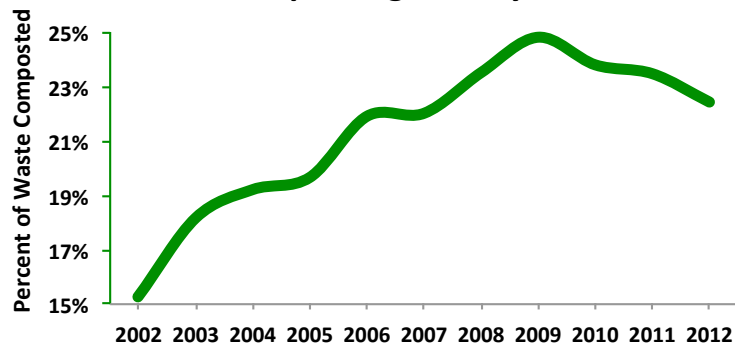
Solid Waste Disposition: 2012



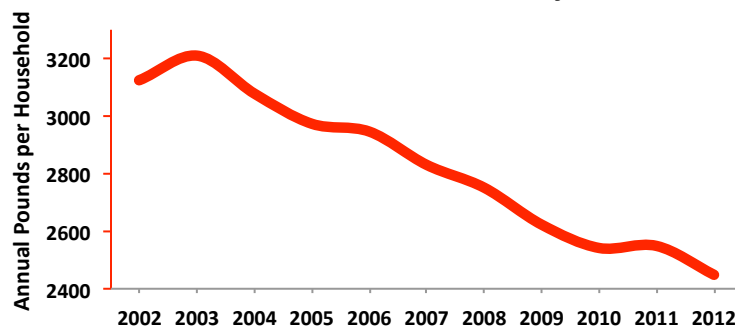
Recycling History



Composting History



Waste Generation History



The RRRASOC Materials Recovery Facility (MRF) is operated by ReCommunity Detroit. ReCommunity's purpose is to be a catalyst for change within communities, diverting waste streams from landfills and directing recovered resources to their highest and best use – including as clean, efficient and cost-effective commodities.

The MRF was recognized industry-wide, being named "MRF of the Month" in October by the trade publication *Resource Recycling*. In November, the MRF received a Distinguished Infrastructure Award from the National Council for Public Private Partnerships.



In 2012, ReCommunity began operating the MRF as a single stream facility, following the company's \$4.5 million investment to convert the facility into a state-of-the-art, single stream facility. The conversion made it the highest capacity processing facility in Michigan, created dozens of new jobs, and laid the foundation for the RRRASOC communities to increase recycling while lowering collection costs.

In 2012, nearly 60,000 tons of processed material was shipped throughout the U.S. and abroad, compared to 10,400 tons in 2011 and 13,494 tons in 2010. Curbside recycling from more than 52,000 RRRASOC area homes and material from the RRRASOC drop-off centers combined for 17 percent of the total material shipped.

Paper materials continued to be the predominate commodity processed at the facility, constituting about 65 percent of shipped material. Containers (glass, metal, & plastic) contributed to the remainder of the material processed and shipped in 2012.



RRRASOC's Household Hazardous Waste (HHW) collection program experienced tremendous participation in 2012. More than 5,500 residents took advantage of the opportunity to recycle the hazardous material found in their homes, making it the second highest year for participation in the program's history.

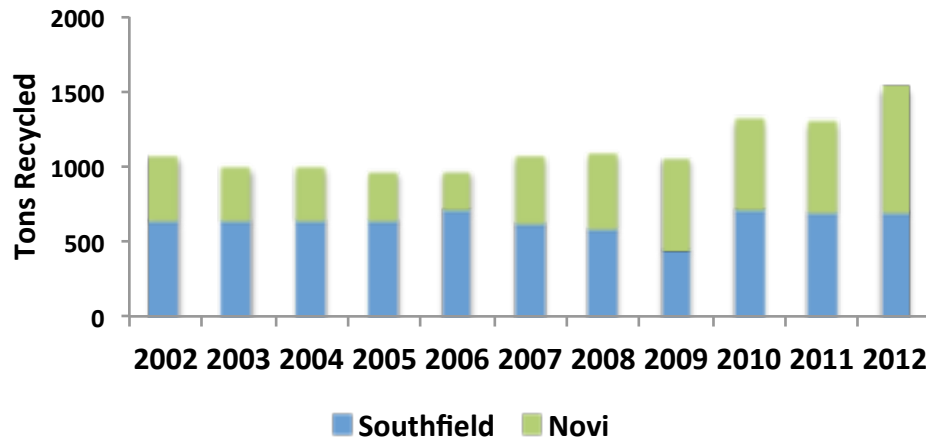
More than 313,000 pounds of material were collected in 2012. Used electronic equipment made up 48 percent of the material. Eight percent was motor oil, more than six percent was oil based paint, lead acid batteries comprised nearly six percent, and other flammable liquid made up more than five percent.

The material was handled by Environmental Recycling Group, Inc. (ERG), a local hazardous waste company. Disposal and recycling costs through ERG continue to be the lowest in southeast Michigan. All material was handled in accordance with state and federal laws. Document shredding was also provided at each event by ShredCorp.



RRRASOC's recycling drop-off centers, located in Southfield and Novi, continued to be popular recycling options. Both locations accept material that is processed at the MRF. Last year, nearly 1,526 tons were brought to these sites for recycling, representing an 18 percent increase. Recycling at the Novi site alone was up more than 37 percent.

RRRASOC Recycling Drop Off Activity



Through a continued partnership with Vintage Tech Recycling, RRRASOC provided e-waste recycling drop-off services at its Southfield location and at the Department of Public Works in the City of Wixom. More than 272,000 pounds of e-waste were collected at the sites, representing a 184 percent increase over the previous year. In addition, RRRASOC continued to include "At Your Door" electronics recycling, allowing residents to schedule free and convenient at-home pick-up service.





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