



RRSI

Providing waste reduction, recycling,
and composting solutions for solid
waste management since 1985



Materials Management

Resource Conservation
Decreased System Cost
Increased System Revenue
Increased Recovery Potential



The Waste Stream as a Resource

Understanding the waste stream - its composition, characteristics and volume - is the first step to cost-effective and environmentally-responsible materials management through waste reduction, reuse, recycling, composting and potential disposal. Each component of the collection and processing system must match the functional requirements dictated by the expected capture rate and form of the targeted materials. This applies not only to the equipment and facilities, but to the system of policies, regulations, ordinances, operating rules, contract specifications and user instructions that make that system work - that "design the waste stream."

RRSI consultants and engineers have the first hand practical experience, knowledge and analytical tools required to characterize, forecast and occasionally sort these waste streams. RRSI then develops the technical, financial, regulatory and social framework our clients need to manage those waste streams as resources feeding into material procurement and product stewardship strategies for end-markets.

RRSI brings this capacity to projects of all sizes - from the "waste shed" of a group of rural townships and villages, to the multi-county waste shed required to feed a regional MRF, to the multi-state waste shed required to provide feedstock at economical pricing for a regional paper mill.

RRSI Materials Management Services:

- Waste Characterization
- Waste Generation and Composition Studies
- Point of Generation Waste Sorting/Sampling
- Point of Disposal Waste Sorting/Sampling
- Baseline Generation Forecasting
- Disposal/Recycling Surveys
- Designing the Waste Stream
- Waste Reduction Programming
- Clean Tech/Material Substitution Strategies
- Recycling Potential Forecasting
- Pay As You Throw Impact Assessments
- Material Bans/Mandatory Participation Ordinances
- Facility Design Requirement Projections
- Materials Marketing
- Take Back Programming
- Recyclable Feedstock Procurement
- Raw Material Pricing/Quantity Forecasting
- Material/Product Stewardship
- Product Lifecycle Analysis

Related Services

RRSI talents range from facility design, waste reduction, solid waste planning, and communications/training to those detailed for organics management. Most all of these additional services and skills are routinely applied to materials management projects.

Resource Recycling Systems, Inc.
416 Longshore Drive
Ann Arbor, MI 48105
1-800-517-9634
rrsi@recycle.com
www.recycle.com