Case studies of the Rhode Island On-Site Technical Assistance Program

Marina
Shrink Wrap

Marina saves money recycling shrink-wrap instead of adding it to solid waste stream.

Industry \ Contact
SIC Code: 4493 Marina, Island
Contact: RI Port Authority Marine Trade Pollution Prevention Research Project- Client #8

Technology Description
The Company initially disposed of shrink-wrap by adding it to the dumpster and paying solid waste hauling charges.

The Company contacted International Wiper and Supply Co., a recycling firm, and arranged to have shrink wrap picked up for recycling. The firm picks up shrink-wrap in unlimited amounts for a flat fee.

Feedstock Material
25 cubic yards of waste shrink-wrap per year.

Operation Maintenance
About five hours are required to fold the shrink-wrap and place it in recycling containers prior to pick up.

Savings
Disposal in solid waste for 25 cubic yards of shrink-wrap ($1000) vs. recycling charges ($30).
Disposal costs: $1000, Recycling costs: $30, Labor costs: $55
Total savings: $915

Impact
Recycling of shrink-wrap has decreased the Company’s solid waste disposal costs by $915 per year and reduced the solid waste stream by 25 cubic yards per year.

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