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ROCHESTER SOLID WASTE MANAGEMENT

SOLID WASTE SOLUTIONS

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Solid Waste Asset Management: In-Mold Bar Coding

CHALLENGE

Faced with mounting solid waste program costs as a result of container theft and illegal dumping, the City of Rochester, New York's Department of Environmental Services (DES) wanted to develop an asset management system to accurately track its 70,000 containers.

SOLUTION

The Solid Waste Services Group of Cascade Engineering responded with a tamper-proof bar code tracking system. Each container includes a permanent, in-molded bar code that allows the DES to assign waste containers to a specific address, which in turn corresponds to the property's tax identification number. Using a handheld scanner, trash collectors can quickly scan the container's bar code, providing a detailed history of ownership, location and repair information.

RESULTS

The asset management program was completed ahead of schedule. The DES anticipates the integrated system will better serve its customers.

- Savings up to \$200,000 per year in container replacement and dumping costs
- New container material and design less susceptible to damage, extending service life
- Improved operating efficiency
- Controlled cost management reduces taxpayer expense
- Bar code system allows for future applications to monitor usage

For additional information about this project or other Cascade Engineering case histories, visit our web site at cascadeng.com or call 800.968.2278.