

Case Study

Waste Minimization for Regional Retailer



Waste Streams

A large regional customer asked Stericycle Environmental Solutions to evaluate their waste streams as well as the waste handling methods and recommend areas for cost savings and/or improved sustainability practices. Working with the client's Environmental, Health and Safety personnel, Stericycle found a good target for improvement with one particular high volume waste stream. At the time, the client was using cubic yard boxes and super sack containers to transport this material. Stericycle presented a plan to switch to reusable, DOT-approved shipping containers instead.

Customized Containers

Stericycle worked with a manufacturer to build the containers to meet the specific client requirements. In addition to providing the capacity of five 55-gallon drums in a single container, the bins have pockets with on-board labels for recurring loads to ensure DOT-compliance and extend the life of the bin by minimizing maintenance. In addition, Stericycle provides a liner each time the bin is emptied to help keep the unit clean and minimize maintenance costs.

Cost-savings

The bins are deployed at the client site and are used for material that is suitable for bulking at the Stericycle facility. The bins require the same footprint as four drums, but hold the equivalent of five drums of waste. Since the bins are always shipped as full loads, the result is a 20% savings in transportation cost and the corresponding reduction in carbon footprint.

Stericycle partners with our clients to provide innovative solutions to hazardous waste management that not only provide cost savings but also contribute to our clients' goals for more sustainable waste management. It is this commitment to customer service and continuous improvement that sets Stericycle apart.

THE ISSUE

Reduce cost of storage and transportation of debris for macro-encapsulation and minimize use of disposable containers.

THE SOLUTION

Stericycle deployed reusable, DOT-approved shipping containers to replace the existing cubic yard boxes and super sack containers.

THE BENEFIT

Client saves the equivalent of \$50/drum and approximately 20% on transportation costs. Carbon footprint is reduced and disposable containers are no longer diverted to less sustainable disposal methods.

To learn more, contact us:

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