

# The Alternative Treatment Process

1.

Waste segregated by the customer into appropriate categories.



2.

Waste collected by Stericycle. The BioTrack tag or code is scanned into the Stericycle driver's portable data terminal and then updated onto the central customer management information system.



3.

On arrival at the receiving alternative treatment (AT) site, plant personnel ensure that the waste transfer documentation is correct. Once satisfied, the collection will be unloaded and weighed. The waste and customer information is uploaded to BioTrack. Details are also recorded on the inappropriate waste form if required.



4.

Infectious healthcare waste for disinfection via Alternative Treatment.



5.

The waste in the bin is weighed on the processing scales and the weight information uploaded to BioTrack.



6.

Waste carts are visually inspected prior to processing. If inappropriate waste is found on visual inspection, it is immediately removed and quarantined as per the Inappropriate Waste Procedure.



7.

Carts are placed into an enclosed hoist that is raised to the top of the waste reception hopper. The waste in the hopper drops into a shredder.

8.

After shredding, the waste is passed into the thermal treatment section for steam disinfection. The waste is conveyed through the autoclave section, where low-pressure steam at a temperature range of 92-102°C is injected from multiple ports.

9.

The treated waste exits from the end of the steam auger along a conveyor belt and deposits into a walking floor trailer.



10.

This shredded, disinfected waste is now ready to be sent for use as an alternative fuel source/solid recovered fuel (SRF) for energy-from-waste plants or cement kilns.