

Waste Diversion Certification

Waste Diversion from Landfill demonstrates an organization's commitment to the responsible management of end-of-life materials. Due to the increasing demand for corporate reporting, as well as green building codes and standard requirements, Waste Diversion from Landfill is becoming a critical sustainable performance measure.

GreenCircle has offered forward-thinking companies a competitive advantage by providing specific, third-party certification of environmental claims. Manufacturers, suppliers, regulators, and consumers can be assured that products labeled with the GreenCircle Certified mark have been thoroughly assessed and their claims verified to applicable standards. GreenCircle offers the Waste Diversion Certification to verify these achievements and assist you in communicating them to the marketplace.

After performing a material flow and mass flow analysis, GreenCircle will be able to quantify and certify zero waste or a percentage of waste a company or manufacturing facility diverts from landfill.

Definitions:

Waste Diversion: The prevention and reduction of generated waste through source reduction, recycling, reuse, or composting.

Energy Recovery: The conversion of non-recyclable/not economically recoverable materials from waste into heat, electricity or fuel through a variety of processes, including combustion, gasification, pyrolyzation, anaerobic digestion, and landfill gas recovery (LFG). This process is often called waste-to-energy.

Reusable: Products that are designed to be, and can be, used more than once.

Recycling: A process that turns materials that would otherwise be waste into valuable resources.

Alternative Daily Cover: Material other than earthen material placed on the surface of the active face of a municipal solid waste landfill at the end of each operating day to control vectors, fires, odors, blowing litter, and scavenging. GreenCircle will analyze the types of materials used for ADC, and determine if this is an appropriate form of diversion.

Source Reduction: A practice that eliminates waste at the source by not creating it in the first place. It can include redesign of products and packaging, process efficiency improvements, material substitution, inventory control, improved housekeeping and/or preventative maintenance.

Acceptable Means of Diversion:

- Source Reduction
- Recycling
- Materials returned to supplier
- Reuse in same process
- Reuse in different process
- Redesign to eliminate waste
- Processing and selling to third party
- Composting
- Anaerobic digestion with energy recovery
- Waste-to-Energy (non-recyclable/not economically recoverable materials)

Please Note: If a material ends up in a landfill, it will not be considered diverted; this includes some materials that could be used for Alternative Daily Cover.



American industrial facilities generate and dispose of approximately 7.6 billion tons of industrial solid waste each year. On average, Americans generate 4.43 pounds of waste per person per day.

- Environmental Protection Agency



To learn more about the value of GreenCircle certification, contact:

AshLee Klingman • (610) 569 - 1045 • AshLee@GreenCircleCertified.com • www.GreenCircleCertified.com