



MARYLAND Green Registry

2013 Leadership Award Winner

LIFE TECHNOLOGIES



ABOUT LIFE TECHNOLOGIES

Life Technologies, a biotechnology company located in Frederick, MD, was a 2012 Maryland Green Registry Leadership Award winner and has won recognition again by setting and achieving a new set of environmental goals in 2013. The Frederick Green Team has worked toward specific annual goals for reducing waste, energy, and water usage and took on the challenge this year to become a zero waste site.



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ACHIEVEMENTS

- By identifying new opportunities for waste reduction, reuse, and recycling, the Frederick site increased its waste diversion rate from 58% to 89% over the past year. It diverted 1,552,653 lbs from the landfill and reduced 648,960 lbs of waste through packing reduction and reuse projects alone, saving \$1,098,000 annually. These changes also reduced their customers' waste by 118,000 lbs. The following are two examples of their packaging reduction/reuse projects:
- In 2013, the Frederick Distribution Center led a project to reduce the weight of coolers used in shipping and eliminated the cardboard boxes they were sent in, reducing customers' waste by 100,000 lbs per year, and 220 tons in CO₂ emissions, saving \$421,000 annually.
- The Frederick Distribution Center also implemented a program that allows for the reuse of gel ice packs received from other Life Technologies Sites. This has reduced landfill disposal by 110,000 lbs annually and saved just under \$30,000 a year.
- The Frederick site continues to pursue annual goals in a number of other areas, and in the past year reduced energy usage by 7% indexed to headcount after significant energy reductions made in previous years. They also reduced their hazardous waste generation by 16,000 gallons annually.



The Maryland Green Registry Leadership Awards recognize organizations that have shown a strong commitment to the implementation of sustainable practices, the demonstration of measurable results, and the continual improvement of environmental performance.