

# Appendix I: Solid Waste GHG Emissions Analysis Summary Report

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## GHG Emissions Analysis -- Summary Report

(Version 9.01, 3/09)

Analysis of GHG Emissions from Waste Management

**GHG Emissions from Baseline Waste Management (MTCO2E): -3,247**

Material	Tons Recycled	Tons Landfilled	Tons Combusted	Tons Composted	Total MTCO2E
Food Scraps	N/A	18,000	0	0	5,858
Yard Trimmings	N/A	17,000	0	0	-9,104

**GHG Emissions from Alternative Waste Management Scenario (MTCO2E): -6,935**

Material	Tons Reduced	Tons Recycled	Tons Landfilled	Tons Combusted	Tons Composted	Total MTCO2E
Food Scraps	N/A	N/A	0	0	18,000	-3,566
Yard Trimmings	N/A	N/A	0	0	17,000	-3,368

**Total Change in GHG Emissions: -3,688 MTCO2E**

Note: A negative value indicates an emission reduction; a positive value indicates an emission increase.

- a) For an explanation of the methodology used to develop emission factors, see EPA report: Greenhouse Gas Emissions from Management of Selected Materials in Municipal Solid Waste (EPA530-R-98-013) – available on the Internet at <http://www.epa.gov/climatechange/wycd/waste/reports.html> Please note that some of the emission factors used to generate these results do not match those presented in the report due to recent additions and/or revisions.
- b) Emissions estimates provided by this model are intended to support voluntary GHG measurement and reporting initiatives.
- c) Total emissions estimates provided by this model may not sum due to independent rounding.

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## GHG Emissions Analysis -- Summary Report

(Version 9.01, 3/09)

Analysis of GHG Emissions from Waste Management

### GHG Emissions from Baseline Waste Management (MTCO<sub>2</sub>E): -10,329

Material	Tons Recycled	Tons Landfilled	Tons Combusted	Tons Composted	Total MTCO <sub>2</sub> E
Mixed Recyclables	0	35,000	0	N/A	-10,329

### GHG Emissions from Alternative Waste Management Scenario (MTCO<sub>2</sub>E): -100,895

Material	Tons Reduced	Tons Recycled	Tons Landfilled	Tons Combusted	Tons Composted	Total MTCO <sub>2</sub> E
Mixed Recyclables	N/A	35,000	0	0	N/A	-100,895

**Total Change in GHG Emissions: -90,566 MTCO<sub>2</sub>E**

Note: A negative value indicates an emission reduction; a positive value indicates an emission increase.

- For an explanation of the methodology used to develop emission factors, see EPA report: Greenhouse Gas Emissions from Management of Selected Materials in Municipal Solid Waste (EPA530-R-98-013) -- available on the Internet at <http://www.epa.gov/climatechange/wycd/waste/reports.html> Please note that some of the emission factors used to generate these results do not match those presented in the report due to recent additions and/or revisions.
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