

Waste Management Work Group Climate Protection Task Force

Membership

Industry: Susan Rodgers (Chair, rep from CPTF) [Hallmark]
Dwayne Fuhlhage [Prosoco]
Institution: Jeff Novorr (rep from CPTF) [Lawrence Memorial Hospital]
City of Lawrence: Tammy Bennett [Public Works Department]
Bob Yoos [Solid Waste Manager]
Kathy Richardson [Waste Reduction and Recycling]
Regional landfill: Charlie Sedlock [Hamm's Landfill]
University of Kansas [Laura will ask Cindy S; Susan will ask Mike Russell]
Curbside recyclers: Chris Scafe [Sunflower Recycling]
SAB representative Laura Routh [SAB member, citizen]

Goal Statement

The waste management workgroup of the climate protection task force will focus on the reduction of greenhouse gases in the creation and management of solid wastes. Goals will be developed for source reduction, as the top priority, then waste diversion and the responsible management of waste products for both the city organization and the community. Measurable goals will be developed where feasible.

Measures and metrics

1. Measurement: Pounds of municipal solid waste generated per person per day
 - a. EPA statistics (year 2003): 4.6 lbs per person per day generated
3.1 lbs per person per day disposed
 - b. Kansas state (year 2006): 5.8 lbs per person per day disposed
 - c. City of Lawrence (2007): 3.5 lbs per person per day disposed
 - d. TARGETS
 - i. 2013 (5 year goal): 3.0 lbs per person per day
 - ii. 2018 (10 year goal): 2.75 lbs per person per day
 - iii. 2023 (15 year goal): 2.25 lbs per person per day (or 50% of EPA national average, generated msw)
2. Need some "normalizing data" to be able to get good picture of what is happening locally → local GDP, population, property valuation

Priorities

1. Source Reduction / Waste Reduction initiatives

Source reduction or waste reduction generally refers to xyzpdq

- a. * * * * * * * * * * * * *
- b.
- c. * * * * * * * * * * * * *

2. Waste Diversion

Waste diversion is the xyzpdq. The first priority under waste diversion is to encourage product stewardship by manufacturers. Product stewardship is xyzpdq

Targeted streams for diversion from landfill or alternative management:

- a. Bottles and containers (volume, difficulty managing)
- b. Electronic waste (volume, possible toxicity)
- c. Food waste management (possible commercial establishment options including pilot programs for compost management; residential food waste management would be self-composting == education and outreach)
- d. Plastic bags (nuisance issue, litter more than weight / volume)
- e. Move-in / move-out materials
- f. Co-location of industries and/or by-product synergy (developing mechanisms for waste product from one manufacturing process to become source product for another business)

3. City operations

- a. Waste reduction strategies specific to municipal operations
 - i. Basic management practices (default to double-sided, paperless)
 - ii. Green team
- b. Environmental procurement policy
- c.

4. Waste management

- a. Collection methods to reduce carbon footprint of collection (options for consideration / review)
 - i. Increase bio- content of diesel fuel used ????
 - ii.
 - iii. Upsize containers for decreased frequency of collection (evaluation required per site)
 - iv.

- b.