

Douglas County

Department of Public Works

Keith A. Browning, P.E.
Director of Public Works/County Engineer

November 21, 2003

Marty Burke
Waste Reduction, Planning, and Outreach
Bureau of Waste Management
Kansas Department of Health & Environment
Forbes Field, Building 740
Topeka, KS 66620-0001

Re: Douglas/Jefferson Counties Regional Solid Waste Management Plan
Five-Year Review

Dear Mr. Burke:

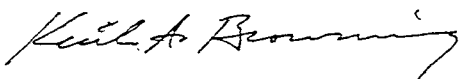
The Solid Waste Management Committee for the Douglas/Jefferson Counties planning region met on October 30, 2003 to conduct the 5-year review of the region's Solid Waste Management Plan, as required by K.S.A. 65-3405(c). Enclosed is the 5-year review report utilizing the worksheet format suggested by KDHE. The committee found that the SWM Plan is still valid. No significant updates to the Plan are required at this time.

The Boards of County Commissioners from both Douglas and Jefferson counties have adopted the 5-year review report. A public hearing was conducted in both counties prior to adoption of the report. The report has also been submitted to the Lawrence/Douglas County Planning Office and to the Jefferson County Zoning Board.

At the time of the 5-year review, the SWM Committee was comprised of nineteen (19) members. Ten (10) members attended the 5-year review meeting. Subsequent to approval of the 5-year review report, the BOCC's from both counties approved reducing the membership of the SWM Committee from nineteen (19) members to eleven (11) members. Also enclosed is a listing of committee members at the time of the 5-year review and the revised listing of committee members.

Please call if you require further information.

Very truly yours,



Keith A. Browning, P.E.
Director of Public Works

KAB:gmj

Enc.

Solid Waste Management Plan Five Year Worksheet

County or Region Name:

Douglas/Jefferson Counties Region

Section A:

Has the population of your county / region increased or decreased significantly since your original plan was written? Explain, and if so, how has this affected solid waste management in the county / region?

Douglas county population has increased by about 18,000 persons from 1990 to 2000, a 22.2% growth rate.

Jefferson County population has increased from 15,905 persons in 1990 to 18,243 in 2000, a 14.6% growth rate.

A corresponding increase in the amount of solid waste generated would be expected, however these changes have not affected solid waste management practices in the region.

What was the disposal practice for waste generated within the county when your original plan was written?

Landfill

Transfer Station

Direct Haul

Other: Direct haul to privately owned landfill by private haulers in the region and by Lawrence Solid Waste Division serving the municipality of Lawrence.

Has this changed, and if so, what is your common method of disposal?

This has not changed.

Please check those areas which have experienced significant change since the original plan was written and provide a brief description of those changes. Review the guidelines for assistance in determining possible changes. Please attach additional sheets if necessary.

_____ Political subdivisions

_____ Solid waste collection system

Local provisions for regulation of solid waste management

Recycling opportunities / programs

Lawrence: City has increased the number of OCC and ONP drop-off locations, added an office paper collection for commercial and institutional customers, and there are currently two private interests offering curbside collection of recyclables for a fee.

Douglas and Jefferson counties: No significant changes.

Composting programs

Lawrence: Developed a new compost site which should be operational in 2004. Phasing out the use of plastic bags for composting. Purchased a tubgrinder and a windrow turner through the Solid Waste Implementation Grant Program. Will begin accepting tree limbs and brush for composting and mulching.

Douglas and Jefferson Counties: No change.

Public education

Increased public education on waste reduction, proper disposal of household hazardous wastes, and recycling opportunities within the region.

Other source reduction or volume-based programs

Have any new management programs or disposal options been initiated or have previously existing programs or disposal options been eliminated for any of the special wastes in the list below? Please check those special wastes that have experienced a change and provide a brief description of changes. Please attach additional sheets if necessary.

Lead acid batteries

Household hazardous waste

Douglas County: Accepting HHW by appointment throughout the week instead of third Saturday only.

Jefferson County: Accepting HHW Monday through Friday from 8:00 am to 4:30 pm.

Pesticides and their containers

Douglas County: Have participated in Clean Sweep program. Pesticides and containers are accepted at the HHW facility.

Jefferson County: Have participated in Clean Sweep program. Pesticides and containers are accepted at the HHW facility.

Sludges

Small quantities of hazardous waste

Douglas County: Developed a Small Quantity Generator collection program.

Used oil

Waste tires

Hamm Sanitary Landfill (located in Jefferson county and serving the Region): Waste tires are used as a component of the leachate collection system during new cell construction.

White goods (cfc evacuation regulation)

Yard wastes

City of Lawrence has developed a plan to eliminate plastic bags for collection of yard waste beginning in 2005. Only paper yard waste bags, reusable cans and carts will be allowed for set-out of yard wastes.

Bundled brush will be collected with yard wastes beginning in 2004.

Agricultural wastes

Brush and trees

City of Lawrence opened a brush and tree limb drop-off site in 2001 which is open from 10:00 am to 4:00 pm on Saturdays, April through October.

Demolition wastes

Industrial wastes

Medical wastes

Other: _____

Section B: This section of the worksheet is recommended, but not required.

What is the county / region's recycling and/or waste diversion goal, if any?

Provide sustainable and efficient recycling and waste reduction programs and increase the rate of recycling from what it was five years before by targeting large waste streams that have reliable markets, and those portions of the waste stream which may be hazardous.

Were benchmark measurements of recycling and/or diversion taken when planning began? If so, what was the recycling or diversion rate at that time?

Yes. The recycling rate for the region was 23.5% in 1995.

What is the current recycling and/or diversion rate? How was this determined?

The rate for Lawrence is calculated to be 32% in 2002. Data is collected on quantities of material recycled by city and private recyclers. The rate for the region is estimated to be 31% based on waste generation projections for 2002 from the Region's Solid Waste Management Plan, assuming the tonnage recycled in the counties has not significantly increased. (Assume an increase from 774 tons in the counties in 1995 to 1,000 tons in the counties in 2002.)

Is there breakdown of information available on what is currently being recycled and /or diverted? What kind of record-keeping is taking place?

The city of Lawrence tracks data from city programs and private recyclers and produces an annual report detailing the quantities of specific materials recycled in the city.

Has any work been done since initial planning to record and target significant wastes streams in the county / region? If so, what wastes have been noted as significant and what is being done to target them for diversion?

The City of Lawrence has targeted office papers and developed a collection program in 2002. Considerable expansion of the OCC collection program has also occurred.

Is business and/or industry participating in recycling, composting, or other waste-diversion programs?

Yes. Significant amounts of OCC are being recycled by businesses and industries through their own in-house collection programs. Also, the city has many commercial customers participating in the OCC and Office Paper collection programs. Also, businesses are partners in the ONP drop-off program by providing sites for eight ONP drop-off containers.

Does the county / region offer services to this sector?

No, City of Lawrence only.

Has consideration or research been given to any of the following programs:

- Pay as you throw?

Pay-as-you-throw is determined to not be feasible for residential customers in the City of Lawrence due to the large non-permanent population (Thirty percent of the population is students and over 50% of the housing units are rentals.) Most commercial accounts are volume based.

- Full-cost accounting?

The City of Lawrence operates the Solid Waste Division as an enterprise fund which means solid waste management is primarily full cost accounting. There is some subsidy through the combined utility billing system which is operated by the Finance Department and funded primarily through the general fund.

Other haulers in the region are all private haulers.

Is the county participating in any regions or partnerships? If so, is the arrangement successful and efficient? If not, should one be pursued?

The two counties operate successfully as a region.

Section C:

Local and/or regional goal setting. (Utilize the information from Sections A and B to set local and/or regional solid waste management goals. Examples of possible goals may include: reorganization of a region or partnership; implementation of a household hazardous waste program; studying or implementing pay-as-you-throw; implementing a "Buy Recycled" initiative; establishing a recycling or diversion rate or increasing an existing recycling or diversion rate with a numeric or qualitative goal; etc. The goals stated in this section are intended to help counties and regions as they continue to make long-term decisions that affect solid waste management in their area. It will not be a mandatory requirement that all goals be met. Goals should be used as guidance as programs are implemented. Goals should also be developed for a five and ten year planning horizon.)

Goal #1: Continue to increase the amount of recyclable materials collected while maintaining sustainable and cost-efficient recycling programs.

Goal #2: Promote waste reduction and safe, proper disposal practices throughout the region.

Goal #3: Increase public education and informational programs regarding recycling opportunities and proper disposal practices.

What does the county / region see as needs for implementing its solid waste goals?
(These can be internal needs and changes or may require state resources.)

Continuation of State Implementation Grants, Clean Sweep programs, and state support of tire collection programs.

A state program on white goods (proper CFC evacuation and regulations) is necessary.

The City Of Lawrence City Commission is on record as supporting a state-wide Container Deposit Law. Such a law would greatly reduce the amount of difficult and expensive to recycle plastic and glass beverage containers.

Attach an update of the implementation schedule and timeline. (this area should include information for the ten year planning horizon, including annual reviews and updates. Assign any necessary action steps and indicate the party responsible for completion. Information from Sections A and B should be incorporated into this new timeline.)

The region prefers not to establish a timeline due to uncertainty in future local budget concerns. Implementation is an on-going process within the region.

The City of Lawrence evaluates the feasibility of implementing a curbside collection program for recyclables on a biennial basis, the most recent completed in 2003. A curbside program was not recommended at this time due to high costs, poor markets in this area for glass and plastic, and a relative small increase in the recycling rate that would be accomplished.

Lawrence/Jefferson County Solid Waste Region
Ten-year Planning Horizon

	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
1	1	1	1	1	1	1	1	1	1	1	1
2						2					2
3			3		3		3		3		3
4			4		4		4		4		4
5	5										
6			6								

Legend:

- 1 Annual Solid Waste Management Plan Review
- 2 Five-year Solid Waste Management Plan Review
- 3 Biennial Evaluation of Increased Recycling for Lawrence
- 4 Reaffirmation of Support for Statewide Beverage Container Deposit - Lawrence and Douglas County Commissions
- 5 Public Relations Campaign for Elimination of Plastic Bags for Grass and Leaf Collection - Lawrence
- 6 Implement Plastic Bag Ban for Grass and Leaf Collection - Lawrence