Mission: As the state’s environmental protection and public health agency, KDHE promotes responsible choices to protect the health and environment for all Kansans.

KDHE Update on Solid Waste Issues

by

Bill Bider, Director
Bureau of Waste Management

Kansas Landfill Association
Annual Convention
2008
Mission: As the state’s environmental protection and public health agency, KDHE promotes responsible choices to protect the health and environment for all Kansans.
How Much is 5.8 Million Tons?

Equivalent to:

- Trash trucks lined up bumper-to-bumper from New York City to Phoenix (2200 mi) (assumes 10 tons per 20 ft truck)
- About 2.1 tons for each Kansan (5 tons per household)

Enough to fill a typical master bedroom
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10 Largest Landfills

- Johnson County Landfill (MSW) 1,749,999 T
- Rolling Meadows (MSW) 320,504 T
- N.R. Hamm Quarry, Inc. (MSW) 467,143 T
- Plumb Thicket (MSW) 513,761 T
- KCPL (Industrial) 423,673 T
- Rolling Meadows (MSW) 320,504 T
- Westar Energy (Industrial) 186,475 T
- N.R. Hamm Quarry, Inc. (MSW) 467,143 T
- O’Donnell & Sons Constr. (C&D) 127,407 T
- Reno County (MSW) 129,944 T
- Holcomb Station Industrial Landfill (Industrial) 105,560 T
- Oak Grove (MSW) 153,071 T
- Reno County (MSW) 129,944 T
KDHE Solid Waste Priorities in 2008

Routine Work

- Process permit modifications and new applications
- Facility inspections
- Process annual permit renewals
- Administer grant programs
- Investigate complaints
- Clean-up illegal dumps
- Oversee local planning process
- Oversee groundwater monitoring at facilities
- Perform corrective measures at old city dumps
- Technical training and public education
Priorities (cont’d)

Special Projects

✓ New C&D Landfill “gas” regulations
✓ Court cases
  - Sunflower Electric permit issuance
  - Plumb Thicket permit issuance
✓ Complex technical/legal challenges
  - APAC Kansas permit challenges
  - Deffenbaugh vertical expansion downward
✓ Beneficial use requests
✓ Disaster responses
Moved to “Back Burner”

- Industrial landfill regulations
- Other regulations (post-closure care)
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Role of Local Landfill Owners in Disaster Response

- C&D Landfills
- MSW Landfills
- Closed Landfills
Is Your Landfill Identified in a Local Debris Management Plan?

Other Questions to be Prepared:

1. Does your county even have a debris mgt plan?
2. What volume of waste flow can you handle?
3. Do you have space for a burn area for trees, brush, or other wood waste?
4. Have you ever operated an air-curtain unit?
5. Do you have space to store metal?
6. Do you have space to store and process clean rubble?
7. Can you handle waste that potentially contains asbestos?
Some Landfills Used for Recent Disasters

Mueller C&D Landfill – Montgomery County
- Coffeyville Flood/Oil Spill

Blixt Landfill – Dickinson County
- Chapman Tornado

Acres of C&D Landfill
- Manhattan Tornado
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Manhattan Tornado
Acres of C&D Landfill
Telephone Poles – Blixt Landfill
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Brush Piles – Blixt Landfill
Coffeyville Flood – Mueller Landfill
Debris Monitoring at Blixt Landfill
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Metal Recycling at Blixt Landfill
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C&D Disposal Area – Blixt Landfill
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Bid Preparation to Satisfy FEMA, KDEM, and Local Government

Simple is Best

- Mixed C&D for burial - $ X/cu yd
- Trees and brush to burn - $ X/cu yd
- Trees and brush to mulch - $ X/cu yd
- Freon containing appliances - $ X each
- Other appliances or metal - ?
Permit Modifications in Response to Disasters Must be Coordinated with KDHE-BWM

✓ Modify hours of operation
✓ Expand disposal cell(s)
✓ Modify screening program
✓ Add burn site
✓ Add asbestos disposal area
E-Waste Disposal

- Recycling encouraged and preferred
- MSW landfill is allowed
- Collection centers/recyclers expanding
- Working with manufacturers this fall to expand collection
- New website: www.ksewaste.org
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City of Lawrence

Location
740 N 2nd St
Lawrence, KS 66044
Get Driving Directions

Phone Number:
785-832-3030

Hours of Operation:
24 hrs.

Materials Accepted
Corrugated Cardboard
Newspaper

Website:
http://www.lawrencerecycles.org

Additional Information:
(North Lawrence)
We are looking for 25 . . .

Green Ambassadors

• Full-time college students
• To represent BWM by presenting to various groups
• Compensation - $60 per presentation
• Start-Up: January 2009
• Completion by May 2009
• Up to 25 presentations based upon KDHE reference material
• Apply by October 17, 2008
2009 Solid Waste Legislation

only one bill . . . .

Extend Waste Tire Grant Program
Eliminate June 2010 Sunset Provision

* Must change in 2009 to avoid “no grants” after next summer grant round

- Recommendation: No sunset provision
- Popular program 1st two years
  - Grants to cities, counties, schools
  - $1,091,000
Johnson County Solid Waste Bill

Amend 65-3410 . . .

Will expand authorized use of collected solid waste fees to include:

“Implementation of approved solid waste management plans”

KDHE likely to be supportive
Questions?

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