



Our Mission – To Protect the Health and Environment of all Kansans by Promoting Responsible Choices

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What can an LMOP State Partner do for you ?

By

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Kansas Department of Health & Environment
at

13th Annual EPA LMOP Conference and Project Expo

January 12, 2010

State Partner fosters the development of LFG energy projects

- Partner Profile
- Task force to facilitate information flow and increase coordination among all players
- Workshop – state-based effort to increase communication and cooperation in the LFG energy community
- Regulation/ Policy Primer

State LMOP Coordinator

- In Kansas, the Bureau of Waste Management, among its many responsibilities, is responsible for permitting landfills.
- The Bureau Director tasked the Chief of the Landfills Permitting Unit with this role as Coordinator.

Landfills Permitting Unit?

- All engineers, and all we do is solid waste landfills – Municipal Solid Waste, Construction & Demolition Waste and Industrial Waste
- Approve landfills' Facility Operations Plan (FOP)
- By regulation, the FOP has to describe the LFG monitoring plan and management system, if the landfill has a system
- Regulators doing outreach ?

Outreach by regulators

- The permit engineer has regular contact with his/her assigned landfills.
- Outreach by us, therefore can raise awareness and create a culture change.
- Reaching out, without ever over reaching.
- So far, it is working great.

The Kansas story

- August 2007 – Signed up to be State Partner
- December 2007 – invited EPA Team member and EPA Region 7 staff to visit a Kansas landfill considering a project.
- The Kansas LMOP coordinator got to showcase Kansas potential to the EPA team, and got a first hand ojt on outreach – this is of great value.

The Kansas Story (contd.)

- The Bureau of Waste Management annual WORKS! Conference draws national and international participants interested in “sustainable” initiatives like
 - Composting
 - Recycling
 - Household hazardous waste management
 - And.....

The Kansas Story (contd.)

- For the first time in its 15 or so years
- LFG, the renewable energy

The Kansas Story (contd.)

- LFG, the renewable energy

This half day session was very well attended

Presenters included the EPA LMOP Team
of Swarupa Ganguli and Lori Hamburg

The Kansas Story (contd.)

- Swarupa and Lori's road to this "first" for the BWM flagship workshop, WORKS!, is noteworthy
- Ready?



Friday March 20th, 2009

- Sam picks Swarupa and Lori at the Kansas City airport
- Site visits to
 - A Construction Demolition landfill that due to operational factors was generating fair amount of LFG – H₂S and CH₄
 - Kansas' largest MSW landfill that has a gas plant to make pipeline quality gas



MAR 20 2009



MAR 20 2009

Saturday March 21st, 2009

- Over breakfast at the Holiday Inn Express – meeting with Divisional Manager for one of Kansas' large MSWLF with LFG potential
- Allen County landfill – infra red heat to keep quarry equipment heated
- Butler County landfill – flaring –hoping to come up with a beneficial use
- Dinner at the Cracker Barrel – meeting with Assistant Public Works Director of Wichita (KS' largest city)



MAR 21 2009



MAR 21 2009



NO SMOKING

MAR 21 2009

Sunday March 22nd, 2009

- Got a lot of miles ahead of us
- Reno County – met with new LF Director at 7:30 A.M.
- Coffee break at Greensburg – see Tornado damage firsthand
- Ford County – Meet with County Administrator, Landfill Manager, and KDHE District Environmental Manager
- Finney County Landfill – met with Divisional Manager at one of the two Kansas Waste Connections Landfill



MAR 22 2009



MAR 22 2009



MAR 22 2009

Monday March 23rd, 2009

- Many more miles and , two more sites before we check into the Swedish Country Inn and prepare for our workshop the next day
- Seward County Landfill – 2008 Community Partner of the Year
- Barton County Landfill





Sanitation Plan 2
Food Safety Inspection
and Service Act



MAR 24 2009

So what can a State Partner do?

- Reach out to you and equip you
- Keep your interest in LFG stoked – reaches beyond the state limits
- Get you contacts in the many aspects of making an LFG project succeed

Looking Ahead in Kansas

- March 24 – 26, 2010 at the WORKS! – energy recovery from all organic waste streams close to landfills
- Continuing the outreach to cover the many aspects of renewable energy – credits, financing, enhancing waste decomposition through the Subtitle D RD&D rule thereby generating more LFG.
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GAS
CITY LIMIT

SPEED
LIMIT
45



MAR 21 2009

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