Landfill Methane Outreach Program (LMOP)

http://www.epa.gov/lmop

Landfill Gas, commonly referred to as Methane…

- can be explosive
- can be poisonous
- can be an asphyxiate
- can pollute groundwater
- can pollute the atmosphere
- can create odor issues
- can be a renewable energy resource

Landfill Methane Outreach Program

Basic Information
Energy Projects and Candidate Landfills
Partners
Join the Program
Publications / Tools
Newsroom
Workshops / Conferences
International Activities
Frequent Questions

The U.S. Environmental Protection Agency's Landfill Methane Outreach Program (LMOP) is a voluntary assistance program that helps to reduce methane emissions from landfills by encouraging the recovery and beneficial use of landfill gas (LFG) as an energy resource. LFG contains methane, a potent greenhouse gas that can be captured and used to fuel power plants, manufacturing facilities, vehicles, homes, and more. By joining LMOP, companies, state agencies, organizations, landfills, and communities gain access to a vast network of industry experts and practitioners, as well as to various technical and marketing resources that can help with LFG energy project development.

What's New **LMOP RSS Feeds**

- January 12 – Landfills Turn Trash into Power and Greenhouse Gas Reductions >> EPA Press Release
- January 8 – Winter 2010 Gasette Available
- January 6 – LMOP Conference Kicks Off January 11

Landfill Gas Energy Projects and Candidate Landfills

Basic Information
- About LMOP
- Methane Emissions From Landfills
- Converting Landfill Gas to Energy
- Benefits of Landfill Gas Energy
- Frequent Questions

Project Development Handbook

Partners

LMOP

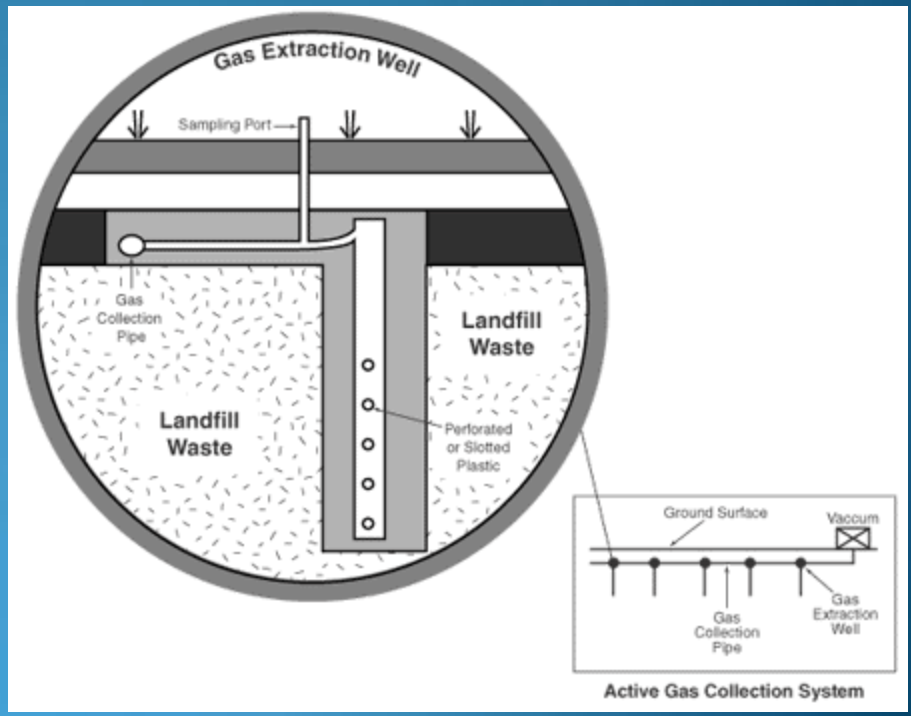
Through partnering with the LMOP Organization, the Division of Waste Management plans to disseminate information to…

- Solid waste facilities
- Citizens
- Businesses
- Other organizations within our state

…about the uses of landfill generated methane.

LMOP

- Limited applications in ND
- Answer questions
- Offer information to interested groups
- LMOP = clearing house for data and other useful information.



Nationwide Summary
509 OPERATIONAL Projects (1,563 MW and 304 mmscfd)
~530 CANDIDATE Landfills (1,170 MW or 600 mmscfd, 13.5 MMTCE Potential)

OPERATIONAL PROJECTS

CANDIDATE LANDFILLS*

* Landfill is accepting waste or has been closed for 5 years or less has at least 1 mmtons of waste and does not have an operational/under construction LFGE project; or is designated based on actual interest/planning.

These data are from LMOP's database as of December 16, 2009.

** LMOP does not have any information on cadidate landfills in this state.

LMOP

The State allows active landfill gas collection as long as those activities are consistent with the Solid Waste Management Rules.

The Division of Waste Management is open to exploring those options.

NORTH DAKOTA
DEPARTMENT *of* HEALTH