



**Landfill Gas Energy:
A Sustainable Energy Source for Ohio's Future**
APWA – Toledo, OH – May 18, 2005



8:30 – 9:15	Pieces and Parts – Introduction to Landfill Gas Projects <i>An overview of landfill gas production and its energy value, project planning and design, financial options and risks</i> - Kevin Bonzo, EMCON/OWT (LMOP Industry Partner) - Rachel Goldstein, U.S. EPA (LMOP Territory Manager)
9:15 – 10:00	Your Landfill – The Producer <i>Estimating Generation and Understanding your Facility's Gas Quality</i> - Sarah Simon, P.E., EMCON/OWT (LMOP Industry Partner) <i>Gas Collection Design - Undisturbed Landfills to Landfills with Gas Systems</i> - Tom Bilgri, P.E., EMCON/OWT (LMOP Industry Partner)
10:15 – Noon	Project Nuts and Bolts – Case studies on: forming the team, financing, development issues, results <i>Overview of Landfill Gas to Energy Projects</i> - James Walsh, P.E., SCS Engineers (LMOP Industry Partner) <i>Electric and Pipeline Projects</i> - Rick DiGia, DTE Biomass Energy (LMOP Industry Partner) <i>Direct-Use Project – Lake County, OH</i> - Todd Davlin, Granger Energy (LMOP Industry Partner) <i>High Btu Process for Gas Line – Rumpke Landfill in Cincinnati, OH</i> - Mike Rogers, WET (LMOP Industry Partner)
Noon – 1:00	Renewable LFG Energy in the U.S. <i>State of the Industry - Developers, Projects, Users, Economic Benefits</i> - Rachel Goldstein, U.S. EPA (LMOP Territory Manager)
1:00 – 1:45	Finding your Pot of Gold – Strategies for Developing the Best Project <i>OH Energy Efficiency Financing and Renewables Incentives</i> - Michael Spacek, P.E., Engineered Process Systems (LMOP Industry Partner) <i>Making a Project Team - Ownership Issues, Risk, and Agreements</i> - Bill Held, EMCON/OWT (LMOP Industry Partner)
1:45 – 2:30	From Red Tape to Green Energy – Air permitting, local issues, wetlands - OH EPA invited (LMOP State Partner) - AMP-OH invited (LMOP Energy Partner)
2:45 – 4:00	Benefits from Landfill Gas Use Today <i>Landfill Gas Management, Renewable Energy, Community Support</i> - Rich Peluso, P.E., EMCON/OWT (LMOP Industry Partner) <i>Combined Heat and Power</i> - TBD <i>Reclaiming Industrial Liquid Waste</i> - Bill Reed, Liquid Solutions (LMOP Industry Partner)
4:00 – 4:45	Future of Renewable Energy Projects <i>Methanol at SWACO and LFG to LNG Projects</i> - William Brown, Acrion Technologies (LMOP Industry Partner) <i>LMOP Wrap-up</i> - Rachel Goldstein, U.S. EPA (LMOP Territory Manager)