



10th Annual LMOP Conference and Project Expo

Marriott Waterfront Hotel

Baltimore, Maryland

January 23–24, 2007

Speaker Biographies

Charlie Anderson

BS Aerospace Engineering, University of Cincinnati, 1972.

Developing new membrane system technology and applications for Air Liquide over the past 15 years.

Zarina Azizova

Ms. Azizova has Masters Degree in Environmental Science and Policy from Central European University. Currently works in the Policy and Methodology Team of World Bank Carbon Finance Unit with a focus on methodologies for solid waste management projects, including landfill gas recovery projects. Among other projects, she is also involved in waste management projects in Brazil, Chile, Uruguay, India, Philippines, Tunisia, Egypt, Mexico, Indonesia and South Africa.

Allan Braun

Allan is President of Braun Consulting which specializes in finding new and innovative ways to increase efficiency and/or reduce expenses in higher education facility operations. He has over thirty-five years of facilities and operations experience. From 1996 – until March of 2005, Allan was the Assistant Vice President for Facilities at the University of New Hampshire. From 1994 – 1996 he was the Associate Vice Chancellor for Facilities Management at the University of Illinois at Chicago, IL. And, from 1987 – 1994 Allan was the Associate Vice President for Facilities at Yale University in New Haven, CT. Allan has had numerous other facility responsibilities dating back to the 1970's.

Jacob Crouse

BA Geology, Franklin & Marshall College, 1969

MS Geochemistry, The Pennsylvania State University, 1977

Owned and managed environmental and solid waste management consulting and environmental remediation businesses for nearly 30 years. Now Chairman of Keystone Renewable Energy, LLC. Goal is to build multiple landfill methane recovery projects in next several years.

Greg Deis

Greg Deis received his BS in Chemical Engineering from South Dakota School of Mines and Technology and a Masters in Chemical Engineering from Tulane. He has thirty years of industrial experience, primarily with Cytec Industries Inc. in numerous supervisory and technical positions. He is currently the "Energy Gatekeeper" for Cytec's Fortier Facility.

Robert Gardner

Mr. Gardner holds Bachelors of Science and Masters degrees in civil engineering from the University of Virginia (1979/1980). He has been with SCS Engineers since 1980. He is a Senior Vice President with the firm, serves on its Board of Directors, and oversees its solid waste management practice. His expertise is in solid waste management and environmental engineering, having designed landfills, landfill closures, leachate management systems, stormwater systems, landfill gas systems, and solid waste processing and transfer facilities. He has conducted solid waste studies, rate studies, and prepared solid waste plans for local governments, and has completed environmental investigations for air, water, and soil media associated with landfills, industrial, and commercial activities throughout the United States and abroad. He has authored many papers and presentations on solid waste issues, and served on various state-wide committees for the development and advancement of solid waste regulations. Mr. Gardner is a board certified environmental engineer through the American Academy of Environmental Engineers, where he serves as Chairman of the solid waste management specialty testing committee.

Richard Gladstone

Richard W. Gladstone, II has a B.S. in Industrial Engineering from Lehigh University and a J.D. in law from the University of Pittsburgh. Mr. Gladstone was a partner in the Eckert Seamans law firm in Pittsburgh where he was on the Executive Committee and Chairman of the Litigation Department, doing commercial work for Westinghouse on its nuclear matters and for Alcoa on its environmental matters along with commercial work for other Fortune 500 companies. Later, he became President of Fuel Brokers Limited and worked on storage of spent nuclear fuel in both the U.S. and Russia.

In 2005, Mr. Gladstone joined Green Gas Energy, LLC as its CEO. Green Gas Energy designs, installs and operates processing plants which convert landfill gas into pipeline quality natural gas. At Green Gas Energy, he has been working on developing business strategies, project financing and other commercial matters.

Brian Guzzone

Brian is Team Lead of the U.S. Environmental Protection Agency's Landfill Methane Outreach Program (LMOP), a voluntary technical assistance and outreach program that encourages methane emissions reductions through the recovery and beneficial use of landfill gas.

Brian's primary role is to facilitate landfill gas energy projects, both domestically and internationally. Brian works to create alliances between the EPA and states, communities, energy users and suppliers, landfill owners and operators, financial institutions, and the landfill gas industry. Brian also provides technical assistance by helping landfill owners find beneficial end uses for the landfill gas, and by providing other specialized assistance at all stages of the development process.

Brian has been with LMOP since 1999. Prior to joining LMOP, Brian was Technical Divisions Manager for the Solid Waste Association of North America (SWANA) since 1994. He was responsible for coordination and oversight of activities for SWANA's seven Technical Divisions, including regulatory and legislative analysis, delivery of specialty symposia, awards programs, newsletter production, and management of two program managers and interns.

Steven Hamilton, REP

Steve Hamilton has a B.S. from the University of Florida. He has 28 years of environmental project experience, with particular emphasis in solid waste management. This work has involved over 500 projects on more than 300 sites throughout the United States and in Brazil, Colombia, Egypt, India, Jamaica, Mexico, Panama, Poland, and Puerto Rico. His project responsibilities have included solid waste planning, solid waste privatization, landfill siting, design, and operations and closure permits and plans; landfill contamination assessments and remedial actions; landfill leachate monitoring and treatment system design; landfill groundwater and LFG monitoring programs; landfill Clean Air Act (CAA) compliance; LFG-to-energy recovery feasibility due diligence, studies, and investigations; and the testing, design, installation, and operation of LFG recovery and migration and emission control systems.

Steve currently is employed by SCS Energy as a project Director. His current primary focus is on performing design and other services for LFG Clean Development Mechanism (CDM) projects under the Kyoto Protocol. He currently serves as Director of SWANA International's Landfill Gas Training Program. He has extensive experience in providing solid waste training and education at numerous venues in the United States and abroad.

Erik Hanson

As Veolia Environmental Services Cranberry Creek Landfill's Gas Technician, Erik is responsible for the monitoring and balancing of the landfill gas extraction systems, along with the maintenance of the systems components, and additional WDNR Permit site monitoring. Veolia Cranberry Creek operates a landfill gas plant that supplies Ocean Spray Cranberries with cleaned compressed landfill gas that is transferred via a one-mile pipeline to fuel steam boilers that are used in the processing of cranberries. Erik's responsibilities also include the operation and maintenance of this gas plant.

Erik has more than six years of experience in the operation of landfill gas extraction systems beginning in 2000. A graduate of the University of Wisconsin Stevens Point, Erik holds a B.S. in Forest Management, with a minor in Soil Science.

Gordon Harbison

Gordon Harbison has an Associates Degree in Mechanical Engineering from Lawrence Technological University. A Certified Energy Manager, he received CEM certification, a widely accepted measure of professional accomplishment within the energy management field, in 2004. He is also a Certified Sustainable Design Professional (CSDP). Gordon Harbison has over 30 years of professional experience and has worked on the development and design of numerous projects and systems.

Gordon Harbison has been employed by Dürr in an engineering and business development role for the past 18 years. Currently leading the Dürr initiative to reduce paint and assembly shop operating costs, Gordon is the dedicated energy champion at Dürr, responsible for directing the efforts to identify energy efficient designs from around the world, promote & utilize new technologies, develop strategic partnerships and energy benchmarking guidelines for automotive facilities. An active member of the Engineering Society of Detroit, he serves on the ESD Energy Conference Program Committee and has been both a Judge and an Engineering Mentor in recent annual regional Future Cities Competition.

Scott Hill, PE

BS Agricultural Engineering, Texas A&M University

Landfill Gas Industry for 18 years - Developed and provided engineering support for High Btu and Electric Generation facilities for the past 10 years. Currently employed as Performance Engineer for Energy Systems Group.

Claire Jahns

Claire Jahns has been with the Chicago Climate Exchange (CCX) since the greenhouse gas emission reduction and trading program's inception in 2003. As an economist with CCX, she works primarily in the Marketing department. In her role, Ms. Jahns works with potential CCX members in the industrial and power generation sectors to interpret CCX rules and calculate their greenhouse gas emissions footprints, both of which are key elements to recruiting and new business development. Ms. Jahns also serves as a primary contact for the Offsets program, with a focus on landfill methane project development in the United States and Canada.

Along with her marketing responsibilities, Ms. Jahns contributes to the research department; creates marketing materials and presentations; and works on industry analysis. Ms. Jahns holds a B.A. in economics and environmental studies from Oberlin College.

Laura Ellen Jones

Laura Ellen Jones is a tax partner at Hunton & Williams LLP whose practice focuses almost exclusively on energy tax credit matters. Laura has represented numerous clients in section 29 and section 45 tax credit transactions involving landfill gas, synthetic fuels, coke, wind, open-loop biomass, geothermal and refined coal facilities, including the purchase and sale of facilities, and the structuring of commercial arrangements for the operation of the facilities. In addition, Laura has obtained numerous private letter rulings on various transactions. She also has represented clients in connection with IRS audits and reviews, federal legislative matters and Congressional investigations. Laura has also represented clients in transactions involving section 48 tax credits for solar facilities, section 48A and 48B tax credits for IGCC and coal gasification projects and in connection with projects producing alternative fuels from coal and biomass. The past three years, Laura was voted among "The Legal Elite," Virginia's Top Lawyers in Taxes/Estates/Trusts, in *Virginia Business* magazine. Laura received a J.D. from Georgetown University Law Center in 1998 and a B.A. in Foreign Affairs from the University of Virginia in 1991.

Ramachandran Kulasingam

Dr. Ramachandran Kulasingam has four years of experience in landfill gas management and landfill engineering. He has worked in several projects involving development of gas collection and control system (GCCS) design master plans, gas recovery modeling for LFGTE projects, operation and maintenance of GCCS, construction and CQA of GCCS components, Title V air permitting, Title V compliance monitoring and reporting, and landfill design. Dr. Kulasingam has a doctorate degree in Civil and Environmental Engineering from the University of California, Davis. Dr. Kulasingam works as an Engineer for Geosyntec Consultants, Inc. in their Atlanta, Georgia Office. Dr. Kulasingam has authored and presented several papers during his five years of research work at the University of California and four years of consulting work at Geosyntec Consultants. Dr. Kulasingam is the recipient of the American Society of Civil Engineers 2006 Norman medal and was a speaker at WasteCon-2006.

Douglas Lamb

Doug Lamb is a public finance associate at Hunton & Williams LLP whose practice focuses on debt financing, including tax-exempt bonds, tax credit bonds and taxable transactions. Doug primarily represents corporate entities as bond and special borrower's counsel, including over \$1.25 billion since 2000 for solid waste projects in over 30 states. He has structured a variety of private activity and governmental bond transactions involving local, regional and state entities and instrumentalities, including variable and fixed rate debt, current and advance refundings, enhanced debt backed with bond insurance and letters of credit and loans secured with mortgages, leases and pledges of revenues, appropriations, general taxing powers and special assessments. The related projects consist of facilities for solid waste collection and disposal, recycling, manufacturing enterprises, public and private colleges and universities, continuing care and retirement communities and traditional governmental infrastructure, including schools, highways and toll roads, utilities and jails. In many cases, Doug has developed special purpose entities, created regional and multi-jurisdictional governmental arrangements and authorities and negotiated and drafted the underlying lease, development, public-private partnership and inter-jurisdictional agreements. Doug received his J.D. from The T.C. Williams School of Law at University of Richmond in 1998, and his B.A. in History from Washington and Lee University in 1993.

John Love

John Love earned a B.S. in Building Construction degree from the Texas A & M University in 1976 and has worked successfully in construction project management for over thirty years. He managed the design, development, and construction of many waste related facilities and environmental projects while with Browning Ferris Industries. During his eleven years at BFI, he worked at the Houston corporate headquarters, first in the Engineering Services division, and later in Corporate Business Development. When he left BFI in 1999, he was Director of Facilities Development. Prior to BFI, Mr. Love was a Vice President of a large commercial general contractor in the Houston Area that built all types of building projects, from high rise office buildings to schools, churches, retail buildings and research facilities. After leaving BFI, he helped start Larkspur Group, a project management and development consulting firm in Houston with involvement in a wide range of building projects.

In 2002, Mr. Love is joined Energy Developments, Inc. as Vice President – Construction and Projects. His primary responsibilities include project management, development, permitting, design, and construction of EDI's LFGTE facilities in the US, as well as environmental compliance.

Billy Malone

Graduated Clayton Junior College in 1976. Began Solid Waste career as Solid Waste Director for Henry County, Georgia in March 1977 until joining Waste Management, Inc. from 1991 to 1998 as Division President and General Manager in Florida. Joined DeKalb County in 1998 as Assistant Director for the Sanitation Division. Elected as a Public Sector Director with Solid Waste Association of North America (SWANA) – Georgia Chapter. Certified by SWANA as a Manager of Landfill Operations and Landfill Specialist.

Gary Merrill

Gary Merrill has been with Murray City Power for 30 years, and has been General Manager since 1998. The municipally-owned utility is located in the Salt Lake Valley of Utah, and has a peak load of 100 Megawatts, serving 16,000 customers. Mr. Merrill has a B.S. degree in Forestry from U.C.-Berkeley, and attended graduate school in Civil and Environmental Engineering at Utah State University. As General Manager, he has instituted numerous initiatives for environmental stewardship, including hybrid cars in the utility fleet, urban forestry management in the community, efficiency-promoting rates, and adding renewables to the utility's power supply portfolio. He is a current member of the Board of Directors of both the Intermountain Power Agency, and the Utah Associated Municipal Power Systems. He has served as a Governor's Appointee on the Utah State Lands, Forestry, and Fire Advisory Council, and was the recipient of the Utah "Best of State" Medal for Appointed Officials in 2004.

Timm Muth

Timm has a B.S. in electrical engineering from Virginia Tech, and began a career in energy at the age of 19, working as a co-op student for Bechtel on nuclear power plant construction. Since then, he's run the gamut of energy options, from nuclear, coal and conventional hydropower, to solar, wind, biomass, and other renewable energy systems. Most recently, Timm worked as a program manager for both the NC State Energy Office and the NC Solar Center, focusing on renewable energy and energy efficiency projects. He is now the Director of the Jackson County Green Energy Park, an innovative landfill gas project located in Dillsboro, NC, which uses the gas as fuel for blacksmith forges, greenhouse boilers, a biodiesel refinery, and future craft studios.

Paul Oleksa

Paul E. Oleksa has a BS in Chemical Engineering from the Illinois Institute of Technology, an Option in Gas Technology from the Institute of Gas Technology, and an MBA from Case Western Reserve University. He is a registered Quality Engineer with the American Society for Quality. He is a registered professional engineer in three states.

Mr. Oleksa was employed by the East Ohio Gas Company for 34 years until retiring as Manager, Codes and Regulatory in 1997 to found Oleksa and Associates, a pipeline safety consulting company. Oleksa and Associates provides expert witness service for litigation, performs independent third-party pipeline safety audits, and writes policies and procedures. Further details may be found on the web site www.oleksa.com.

James Peck

Mr. Peck has 14 years of experience as a civil engineer in the solid waste industry. He has served as project manager on a variety of engineering projects, including solid waste disposal facility design, permitting, and construction, landfill gas evaluation, and landfill gas collection system design and construction. He is licensed in several Western and Southeastern states, and has provided engineering services internationally.

Mr. Peck is Vice President of Engineering with Hydro Geo Chem, Inc., an environmental consulting company and LMOP Partner with emphasis in landfill gas development projects. He is also a licensed attorney and provides in-house legal counsel for Hydro Geo Chem.

Charles Peterson

Mr. Peterson has more than 30 years of experience in the development, implementation, and senior management of environmental operations in solid waste (Chambers Development Co.) and sludge / wastewater (American Water Services) as well as the U.S. EPA.

Currently, he works at the World Bank on solid waste and sludge management projects, including landfill gas recovery projects. Among the projects he is primarily involved with are those in Afghanistan, Chile, China, Ecuador, Guinea, India, and Uzbekistan.

Applied Economics/Finance	George Washington University	M.B.A.	1977.
Industrial Eng. (Packaging)	Michigan State University	B.S.	1970.
Accounting	DeSales University		12 credit hours 1999.

Jeff Pierce

Not available at time of print

John Sniffen

John Sniffen, Vice President, joined Element Markets in January of 2006 to develop solution based offerings and new markets. John has extensive experience in the complex energy infrastructure and energy commodity markets that includes development, finance and trading. He has commercial experience in the deregulating markets of electricity and natural gas, developing structured commodity transactions, leading project acquisitions and divestitures. He has worked with notable companies such as American Electric Power, Exelon, and other merchant companies in the energy sector in both principal and consulting roles. Earlier in his career, John was a Naval aviator responsible for conducting missions internationally and logged over 1400 hours during his career. He has a BS in Systems Engineering from the US Naval Academy and a MBA from Harvard Business School

Ron Strube, REM, PG

Mr. Strube, a Registered Environmental Manager and Professional Geologist, has been with Veolia Solid Waste since March 2006 as a Senior Project Manager. He is responsible for Landfill Gas system operations, compliance and development of LFGTE projects. Mr. Strube has over 20 years experience in the solid waste industry, both as a consultant and landfill owner/operator. Prior to joining Veolia, Mr. Strube was a Senior Project Manager with EMCON/OWT in Cincinnati, Ohio where he was responsible for LFG system Operations and Maintenance Services in the Midwest Region. Mr. Strube has conducted LFG well field monitoring, tuning and evaluation services throughout the eastern US. He has prepared LFG O&M Standard Operating Procedures, Technical Specifications and cost estimates for some of the largest landfills in the US. Mr. Strube spent over 9 years with Rumpke Consolidated Companies in Cincinnati, Ohio as the Environmental Affairs Manager.

Mr. Strube received his B.S in Geology from the University of Cincinnati. He has also taken many post-graduate studies classes in Engineering Geology at the University of Cincinnati.

Robert Viers, PE

Not available at time of print

Chris Voell

Chris Voell is a Program Manager with EPA's LMOP Program, and is responsible for project assistance in 13 states in LMOP's Midwest region as well as assistance to Africa, Russia and Ukraine through EPA's Methane to Markets initiative. Chris has almost 20 years of experience in the solid waste field, having worked 13 years for the Solid Waste Association of North America before joining LMOP. Chris also worked for SCS Engineers and a national trail organization. Chris has degrees in forestry from Paul Smiths College and natural resources management from the University of Maryland. Chris will be leaving LMOP shortly after the 10th Annual LMOP Conference to work on EPA's AgSTAR program.

Greg Wagoner

Greg Wagoner joined Wabash Valley Power Association in 2004 as the Indianapolis-based G&T's Director of Business Development. Wagoner began his career with PSI Energy in 1981 in power production. In 1998, Wagoner joined Constellation Power Source as the Vice President of Origination. He currently serves as Wabash Valley's Manager of Power Supply, with responsibility for new business development, green power initiatives and wholesale supplier negotiations. Along with over 25 years of utility experience the Vincennes, IN native earned his Bachelor of Science degree from the Kelley School of Business at Indiana University.

Jim Warner

James D. Warner has a B.S. in secondary education from Millersville University and an M.S. in geo-environmental science from Shippensburg University. He has served as Executive Director of the Lancaster County Solid Waste Management Authority (Authority) since October 1, 1996. From 1995 until his appointment as Executive Director, he served as General Manager of the Authority. He has served in various other senior management positions since joining the Authority in 1987. Prior to joining the Authority, Mr. Warner worked in the solid waste field in New Jersey for several years and was also a high school teacher.

As Executive Director, Mr. Warner directs an organization with an annual operating budget of \$54 million, assets of over \$300 million, 85 employees and approximately 580,000 tons of waste per year. He oversees all areas of the Authority's integrated waste management system including finance, planning, engineering, operations, permitting and customer relations. Mr. Warner manages a 9-member board of directors, strategic business planning, legal affairs, press relations, policy development and numerous external affairs. Major accomplishments include becoming the first public sector waste organization to join the Chicago Climate Exchange, opening the first permanent drive-through household hazardous waste facility in the US, voluntary development of a 3.2 MW landfill gas plant with PPL Energy, 2 notch credit upgrades from Moody's and S&P, plus many other achievements. Mr. Warner currently serves on the board of the Solid Waste Association of North America (SWANA). He also serves on the MSW Magazine Editorial Advisory Board and was a founding member of the Professional Recyclers of Pennsylvania (PROP).

Joel Zylstra

Joel Zylstra has over 21 years of experience in solid waste management--the last 19 of which he has spent working for Granger III & Associates. Granger pioneered the first Michigan landfill gas-to-energy project in 1985, a project in which Joel fully participated. Based upon this project's achievements, the Granger Electric team pursued and successfully developed 12 more landfill gas utilization projects across the nation. Joel helped negotiate 35-year contracts with a Michigan utility at each of its six electrical generating facilities as well as with the customers involved in Granger's out-of-state direct-use pipeline projects.

As Chief Executive Officer of Granger Energy, Joel led the efforts to build Granger's largest project yet – a 12.77-mile methane gas pipeline in Chester County, Pennsylvania. Considered to be one of the most complex landfill gas utilization projects developed to date, this pipeline travels through two counties, multiple townships, and encompasses over 75 easements and right-of-ways. This project has been the recipient of many awards including the EPA's LMOP Project of the Year (2005), the Pennsylvania DEP's Governor's Award for Environmental Excellence (2005) and SWANA's Silver LFG Utilization Excellence Award (2006).

Joel received his B.S. in Civil and Environmental Engineering from Calvin College in Grand Rapids, Michigan. He is registered with the State of Michigan as a Professional Engineer. He is also a member of both the American Society of Civil Engineers (ASCE), the Solid Waste Association of North America (SWANA), and the EPA's Landfill Methane Outreach Program.