

## THOMAS M. LOCK, REGIONAL MANAGER

### Education

BS – Earth Science/Geology, Pennsylvania State University, 1981

BS – Secondary Education (Science), Pennsylvania State University, 1981

### Specialty Certifications

8-Hour Management and Supervisor Training, OSHA 29, CFR 1910.120

40-Hour HAZWOPER, OSHA 29 CFR 1910.120

16-Hour Confined Space Training, OSHA 29 CFR 1910.146

8-Hour Trenching, Excavating and Shoring Training, OSHA 1926.650

OSHA 10- and 30-hour General Industry Outreach Trainer

OSHA 10- and 30-hour Construction Outreach Trainer

Certified Landfill Specialist (SWANA, September 1994)

Certified in Environmental Site Assessment and Remediation, University of California

First Aid and CPR Certified

CES-Landtec Landfill Technician Training

Fundamentals of Groundwater Monitoring, Mid-Atlantic Environmental Equipment

Authorized Service Provider, Capstone Turbine Corporation

### Professional Affiliations

Solid Waste Association of North America

### Professional Experience

Mr. Lock has over 34 years of experience in landfill gas (LFG) collection system operation and maintenance (O&M), environmental regulatory compliance, site assessment, and post-closure care. He manages technical staff working on projects throughout the Northeastern United States.

His background includes developing and/or evaluating monitoring equipment; actively participating in planning and management of research and development and construction projects; managing ongoing environmental sampling and monitoring programs; reviewing gas system construction designs; managing LFG collection system O&M; developing and delivering technical training sessions; evaluating, coordinating, and tracking expenses; and hiring and evaluating engineering technicians.

### Landfill Gas

Examples of Mr. Lock's project experience include O&M of LFG collection systems, RCRA Subtitle D, and/or Title V compliance monitoring and reporting at the following sites:

- Pine Grove Landfill, Pine Grove, PA.
- Dauphin Meadows Landfill, Millersburg, PA.
- Lanchester Landfill, Honey Brook, PA.
- Greater Lebanon Refuse Authority Landfill, Lebanon, PA.
- Rolling Hills Landfill, Boyertown, PA.

- Bethlehem Landfill, Bethlehem, PA.
- Blue Ridge Landfill, Scotland, PA.
- Mostoller Landfill, Somerset, PA.
- Cumberland County Landfill, Newville, PA.
- Western Berks Community Landfill, Birdsboro, PA.
- McKean County Landfill, Kane, PA.
- Sullivan County Landfill, Monticello, NY.
- Colonie Landfill, Cohoes, NY.
- Pennsylvania Avenue Landfill, Brooklyn, NY.
- Fountain Avenue Landfill, Brooklyn, NY.
- Warren County Landfill, Oxford, NJ.
- Cumberland County Landfill, Millville, NJ.
- ACUA Landfill, Egg Harbor Township, NJ.
- Burlington County Resource Recovery Complex Landfill, Columbus, NY.
- Pigeon Point Landfill, New Castle, DE.
- Conestoga Landfill, Morgantown, PA.
- Greentree Landfill (Title V surface emissions monitoring and reporting), Kersey, PA.

Other related experience includes:

- Ten years of managing oversight of O&M of LFG systems at Puente Hills and Spadra Landfills. These systems provided fuel to 50- and 10-MW steam turbine generator facilities, respectively.
- Five years of O&M management at Scholl Canyon Landfill.
- Ten years of managing field environmental sampling programs for the LACSD at six landfills, a transfer station, and a waste-to-energy plant. Sampling programs included:
  - Ambient air quality and surface gas emissions sampling for compliance with the South Coast Air Quality Management District's (SCAQMD's) Rule 1150.1, California's Solid Waste Assessment Testing, and the federal New Source Performance Standards (NSPS).
  - Groundwater, LFG condensate, and leachate sampling for compliance with RCRA Subtitle D and the Regional Water Quality Control Board (RWQCB).
  - Stormwater sampling for compliance with the National Pollution Discharge Elimination System (NPDES).
- Development and delivery of training sessions for technical personnel. Training sessions included such topics as gas system operation, monitoring, well adjustment procedures; surface emissions monitoring; groundwater and stormwater quality sampling; gas sampling; instrument operation and calibration; and Health and Safety.