

Professional Record

Professional Synopsis:

Mr. Lamb has provided consulting services throughout the Carolinas and Eastern United States. His clients have included private and municipal solid waste (MSW) landfills, as well as various industries in the manufacturing sector. As a compliance specialist, Mr. Lamb has provided practical solutions to complex regulatory issues.

Mr. Lamb's main field of expertise is air compliance and permitting. He is proficient in dealing with state air regulatory agencies and rules, as well as federal programs including Title V federally enforceable permits, National Emission Standards for Hazardous Air Pollutants (NESHAP) and Maximum Achievable and Best Available Control Technology (MACT, BACT) standards, and New Source Pollution Standards (NSPS) for MSW landfills. Projects in which Mr. Lamb has played a lead or management role include:

- Title V Permit Application Submittal and Compliance
- Carbon Credit Validation and Verification
- Air Emission Inventory Reporting
- Gas Collection System Design and Installation
- Tier 1 and Tier 2 Landfill Gas Generation Rate Sampling and Reporting
- Startup, Shutdown, and Malfunction plan Development and Implementation
- Landfill Gas Generation Rate modeling

Growing interest in LFGTE projects, as well as increased awareness of our changing climate has brought more focus on emissions from active and closed landfills. Mr. Lamb has evaluated the feasibility of numerous projects ranging in size from 4,800 standard cubic feet per minute (scfm) to 200 scfm. In addition, Mr. Lamb continues to work with the Chicago Climate Exchange (CCX) to bring landfill methane and organic waste composting greenhouse gas credits to the market.

Mr. Lamb's knowledge of NPDES storm water rules are also valuable in storm water permitting and compliance activities for landfills and borrow sites, as well as industrial facilities and construction sites.

As the rules regulating Spill Prevention, Control & Countermeasure (SPCC) Plans have gone through revision, Mr. Lamb has stayed informed and has worked with facilities to discover creative options to meet containment and spill prevention requirements.

Mr. Lamb has performed numerous Phase I and Phase II environmental site assessments for developed and undeveloped parcels. His work conforms to AAI and ASTM standards.

Matt Lamb
Project Scientist

Academic Credentials:

B.A., Environmental Studies, University of North Carolina at Wilmington, 1995

Duties:

2006 - Health and Safety Officer

Professional Training:

OSHA 40 Hour Health and Safety Training
(29CFR.1910.120)

Transportation of Dangerous Goods Training
(HM181-126F-215B & IATA)

Employment Record:

2003-present - Richardson Smith Gardner & Associates
(formerly G.N. Richardson & Associates, Inc.)

2001-2003 - URS Corporation

1995-2001 - Pollution Prevention Engineering, P.A.

Principal Areas of Expertise:

Air Permit Compliance and Modeling
Landfill Gas to Energy (LFGTE) Feasibility Evaluation
Landfill Gas Monitoring and Compliance
NPDES Storm water and Wastewater Compliance
Oil Pollution Prevention Act Compliance, including
Spill Prevention, Control, and Countermeasure Plan
Development

Professional Activities:

Air and Waste Management Association (AWMA)

Selected Publications and Presentations:

Lamb, Matt. "Is Your Landfill Generating Carbon Credits, or Just Hot Air? A Verifier's Perspective"
Proceedings from the Georgia SWANA Conference