

Professional Record

Ms. Phillips has a diverse background that includes both consulting and air quality permitting and compliance services across the southeastern United States.

Ms. Phillips' main interest in air quality compliance and permitting began when she was a student at Wilkes University. She continued her education and received an MS in Civil Engineering from North Carolina State University with a concentration in air pollution control. While at NCSU, Ms. Phillips conducted a research project on indoor air quality risk perception.

Ms. Phillips has previous consulting experience involving hazardous waste remediation projects where lead, arsenic, and PCBs were the pollutants of concern. Her primary clients included large industrial petroleum companies with job sites spread throughout the southeastern seaboard. Ms. Phillips has worked on remediation projects for Superfund sites, former fertilizer manufacturing facilities, transformer manufacturing facilities, and petroleum refineries. She has conducted numerous field sample collection activities, including soil delineation sampling and multiple methods of low-flow groundwater sampling. She has also overseen the installation and purging of groundwater wells.

While working for the North Carolina Division of Air Quality (DAQ), Ms. Phillips provided air quality permitting and compliance expertise to facilities across North Carolina. She was a regional reviewer of Title V permit applications and air emission inventories for a diverse array of industrial and municipal clients, including municipal solid waste landfills. Throughout her time with DAQ, Ms. Phillips reviewed and issued over 200 minor and synthetic minor air permit applications. She had also completed compliance inspections of over 50 permitted facilities. Ms. Phillips' dedication to customer service and the environment were demonstrated in her willingness to investigate odor and open burning complaints received from concerned citizens.

Ms. Phillips' areas of interest include air permitting and compliance and environmental remediation.

Lori Ann Phillips, P.E. Project Engineer

Academic Credentials:

B.S., Environmental Engineering, 2004
Wilkes University, Wilkes-Barre

M.S., Civil Engineering, 2006
North Carolina State University, Raleigh

Professional Credentials:

Professional Engineer - North Carolina
40 Hour Health and Safety Training
(29CFR1910.120)
Certified Opacity Observer

Employment Record:

2011-present – Richardson Smith Gardner and Associates
2009-2011 – NCDENR – Division of Air Quality
2006-2009 – ARCADIS (formerly Blasland, Bouck, and Lee)

Principal Areas of Expertise:

Air Quality Compliance and Permitting
Environmental Remediation

Professional Activities:

Air and Waste Management Association (AWMA)

Publications:

Phillips, Lori Ann. "Indoor Air Quality Risk Perception Study and Modeling Analysis of Factors that Affect Indoor Occupant Exposure"