

Leslie Noble, PG

Associate Geologist

Professional Summary

Ms. Noble is an Alabama- and Georgia-registered professional geologist, with extensive experience in performing a variety of projects within a multi-disciplinary environmental working group. She conducts projects in the areas of: soil and groundwater contamination investigations for real estate transactions, including brownfield investigations and remediation, and Resource Conservation and Recovery Act (RCRA) sites; contaminated site corrective action planning and implementation; underground storage tank (UST) compliance management; UST and RCRA closure assessments; UST Preliminary/Secondary/Risk-Based Corrective Action (RBCA) investigations; hydrogeologic investigations; groundwater quality assessment and monitoring; Environmental Site Assessments (ESAs); storm water permitting, Best Management Practice Plans (BMP Plans) and National Pollutant Discharge Elimination System (NPDES) compliance monitoring; RCRA waste management; mercury spill remediation; drug lab waste characterization and disposal; and National Environmental Policy Act (NEPA) evaluations. In addition to technical functions, management experience includes project cost estimation, budgeting, management of personnel and allocation of resources, interaction with regulatory agencies on behalf of clients, maintaining familiarity with current environmental regulations, and consulting on departmental policy affecting quality control and client service. Also, experienced in the preparation of proposals, serving as client liaison, and coordinating with a variety of environmental department staff disciplines on project execution.

Project Manager for numerous soil and groundwater contamination assessments for sites contaminated with petroleum hydrocarbons, solvents and metals. Project Manager for numerous Phase I and Phase II Environmental Site Assessments, EPA Brownfield grant projects, ADEM Voluntary Cleanup Program projects, UST, drycleaners, RCRA, and other groundwater investigations. Work includes historical and environmental records research, site reconnaissance, and collection and analysis of soil and surface water and/or groundwater samples. Groundwater investigations include installation and sampling of monitoring wells, aquifer testing, and preparation of reports interpreting groundwater flow direction

Years of Experience

30 (4 with Wood)

Office of Employment

East US - Birmingham

Professional Associations

- Professional Geologist

Areas of Expertise

- 31 - Geologist

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and contaminant transport. Supervises various types of drilling and monitoring well installation methods, and performing soil, sediment, surface water and groundwater sampling, data analysis and report preparation. Project Manager for the characterization of site-specific hydrology and design and implementation of appropriate corrective action for remediation of contaminated soil and groundwater and hydro-geologic site characterization for industrial and municipal landfill siting/expansion projects, industrial facility siting, and RCRA facility investigations.

Core Skills

- Geologist – 4
- Hydrologist/Hydrogeologist – 4
- Environmental Scientist - 4
- Project Manager – 4

Qualifications

Education

- Bachelor of Science, Geology, University of Alabama at Birmingham, 1987
- Master of Science, Geology, University of Tennessee, 1993

Registrations / Certifications / Licenses

- Professional Geologist, AL, 111
- Professional Geologist, GA, 966
- Professional Geologist, KY, 2141
- Professional Geologist, MS, 511
- Professional Geologist, TN, 611

Training

- OSHA Hazardous Waste Worker Training and Updates
- First Aid/CPR Training

Wood Experience

Senior Geologist

Feasibility Studies for CCR Pond Closures, Confidential Client, AL. 2017-2018. Managed hydrogeological assessment portion of CCR pond closure feasibility studies at two sites in Alabama. Coordinated with client, subcontractors, and design team to determine site-specific hydrogeological factors affecting closure design strategies. Projects are ongoing.

Senior Geologist

Feasibility Study for Dredging of a public water supply reservoir, Confidential Client, AL. 2017-2018. Managed design and implementation of feasibility study of potential sediment dredging project for a major water supply reservoir in Alabama. Coordinated with client's internal engineering staff, drilling and geophysics subcontractors, and internal dredging experts to design and execute appropriate feasibility assessment. Project is ongoing.

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Senior Geologist and Environmental Team Lead

Mercaptan Site Monitoring and Remediation, Confidential Client, Calera, AL. 7630151334, \$158,000, 2016. Managed internal and external team delineating, evaluating, and monitoring mercaptan release at a border station facility. Coordinated with client, subcontractors, adjacent property owners, utility companies, and regulatory agencies to determine remediation strategies. Project is completed. Project deliverables allowed client to appropriately plan for assessment and remediation costs, specify appropriate safety considerations, and implement best practicable remediation solution.

Geologist

2015 NS Risk Review Program, Norfolk Southern Corporation, Atlanta, GA, United States. 6122150046, \$167,400, 2016. Performed Lease Site Due Diligence Audits to establish site conditions and compare with lease requirements for railroad client's leased properties, including evaluation of severity of identified issues and recommendations for follow up action where appropriate.

Environmental Leader

ALDOT-CBD Environmental, Alabama Department of Transportation, Birmingham, AL, United States. 7630151281, \$68,000, 2016. Managed team evaluating boring logs and estimating quantities using GPS methods and graphical deliverables to evaluate quantities of foundry waste fill to be encountered during revitalization of CBD Interstate routes through Birmingham. Project deliverables allowed client to appropriately plan for construction costs and specify appropriate safety considerations. The project is a multi-phase, Multi-year effort that is ongoing.

Project Manager

Phase I Environmental Site Assessment, CNL, Alex City, AL. 7630151294, 07/2015. Managed project involving due diligence assessment of a new Walgreen's store constructed on an environmentally impacted site. Client retained us based on our prior work at the site including UST removal per Alabama Department of Environmental Management (ADEM) requirements, site remediation, risk assessment, groundwater monitoring, and site entry into the ADEM Voluntary Cleanup Program (VCP), all of which were summarized in the Phase I ESA for All Appropriate Inquiry due diligence for new owner.

Environmental Geologist

Gulfport/Cameron Parish, Undisclosed Insurance Company, Gulfport, MS. 7650151032, 06/2015 – 07/2015. Researched records through online sources and FOIA reviews regarding spill incidents for an insurance company client. Documents were obtained, reviewed and summarized to aid client in establishing pattern of violations leading to environmental impact claims.

Environmental Team Lead

Phase I ESA, Phase II ESA, and Additional Assessment, TKI, Eufaula, AL. 7630151274, 06/2015 – 08/2015. Managed team in preparing a Phase I Environmental Site Assessment (ESA), a Phase II ESA to evaluate soil and groundwater conditions in response to an identified potential issue, and additional assessment to characterize and determine extent of a contaminant plume. Project include drilling and sampling of soil and groundwater, management of GPR-based utility locators and direct push drilling subcontractors coupled with low flow sampling techniques and expedited laboratory analysis to allow for accurate detection of highly volatile/degradable contaminants.

Environmental Team Lead

Permanent Well Completion, Wells Fargo, Birmingham, AL. 7630131116, 05/2015. Managed team and provided technical report review for drilling, testing, and registering a supply well for a bank data center to provide emergency back-up cooling water to prevent a cessation of computer function for a multimillion dollar data center.

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Project Manager

ALDOT-CBD - Phase 2, Alabama Department of Transportation, Birmingham, AL, United States. 7630151266, \$535,834, 2016- 2018. Waste foundry sand fill mapping project and management of excavated waste foundry fill during construction of ALDOT's Birmingham Central Business District interstate improvements.

Local Team Lead

CSXT Pelham Connection Tracks, J.L. Patterson & Associates, Inc., Pelham, AL, United States. 569850007, \$59,300, 2016. Phase I and Phase II Environmental Site Assessments on commercial property to be acquired during construction of tract connection.

- **Terracon: Department Manager, Soil and Groundwater Assessment and Remediation, Birmingham, Alabama, 2014-2015.** Served as Senior Project Manager over management of metals-impacted soils at construction site for a new downtown utility service center, situated on historically industrially-utilized parcels and exhibiting significant fill of geotechnically and environmentally unsuitable soils. Project included assessment, excavation oversight, site monitoring for worker health and safety, characterization sampling, and interface with the regulatory agency (ADEM) on soil management and disposal.
- **Terracon: Department Manager, Soil and Groundwater Assessment and Remediation, Union Springs, Alabama 2015.** Served as Senior Project Manager over assessment and remediation of petroleum-impacted soils at a shop building with long-term waste oil impacts affecting a wetland. Project included assessment, source identification, excavation and disposal of impacted soil, and confirmation sampling and reporting, as well as liaison with regulatory agency (ADEM).
- **Terracon: Department Manager, Soil and Groundwater Assessment and Remediation, Birmingham, Alabama 2001-2015.** Served as Senior Project Manager over multi-year, multi-site mercury assessment and remediation projects for a utility company in the State of Alabama. Project included utilization of onsite mobile laboratory methods, air and soil screening, and assessment and clean-up strategies, as well as maintaining relationships with affected property owners and coordination between property owners and client.
- **Gallet & Associates, Inc. and Terracon: Department Manager, Soil and Groundwater Assessment and Remediation, Birmingham, Alabama.** Alabama Department of Environmental Management- Various Site Locations, Alabama, 1995-2015. Senior Project Manager over multi-site contract to perform investigation, monitoring, and remediation of federally-funded, ADEM-administered leaking underground storage tank (LUST) sites involving groundwater investigation, risk assessment, and remediation.
- **Gallet & Associates, Inc.: Department Manager, Department of Justice, Drug Enforcement Administration, Alabama, Mississippi and Georgia, 2006-2008.** Managed multi-year, multi-state contracts (MS and GA) and subcontracts (AL) for the removal of clandestine drug laboratory waste, particularly methamphetamine lab residual materials. Project involved meticulous background screening of team members, scheduling of personnel and subcontractors on a 24/7 basis, identification, characterization, packing, labelling and shipping of waste products, and secure storage and arrangement of pickup/disposal of waste.

Professional History

- Wood Environment & Infrastructure Solutions, Senior Geologist, Birmingham, AL/ April 2015 - Present

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- Terracon Consultants, Inc., Birmingham, Alabama, Senior Project Manager, Department Manager/ August 2009 - April 2015
- Gallet & Associates, Inc., Birmingham, Alabama, Staff Geologist, Department Manager/ June 1991 - August 2009
- Bhate Engineering, Birmingham, Alabama, Staff Geologist/ August 1989 - June 1991
- University of Tennessee, Knoxville, Tennessee , Graduate Research Assistant/ August 1987 – August 1989