

JOHN LUKE HALL, PG

GEOLOGIST | TIOGA ENVIRONMENTAL CONSULTANTS, INC.

AREAS OF EXPERTISE

- Environmental Assessment
- Environmental Remediation
- Risk Assessment
- Project Management

Luke joined Tioga after working as a geologist in the environmental field for more than five years. He realized his interest in environmental geology during undergraduate studies at the University of Memphis and is a professional geologist registered in Alabama, Arkansas, Mississippi, and Tennessee. Luke's experience with site assessment, remediation, and closure have allowed Tioga to incorporate environmental remediation into their portfolio of services. His goal is to provide realistic and cost efficient means to assess and remediate onsite contamination by the most practical and efficient methods available.

EDUCATION

Bachelor of Science in Geology,
The University of Memphis, 2001

Master of Science in Earth Sciences,
The University of Memphis, 2011

AFFILIATIONS / CERTIFICATIONS

Alabama Professional Geologist #1363
Arkansas Professional Geologist #1990
Mississippi Professional Geologist #0875
Tennessee Professional Geologist #5698
HAZWOPER 40-hour
Association of Engineering and
Environmental Geologists, Member

CONTACT

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REPRESENTATIVE PROFESSIONAL EXPERIENCE

GEOLOGIST JULY 2015 – PRESENT
TIOGA ENVIRONMENTAL CONSULTANTS, INC., MEMPHIS, TN

Brownfields Site – Forrest City, AR

Geologist – Performed a Phase II ESA and Comprehensive Site Assessment at a vacant industrial manufacturing facility to allow for entry into the Arkansas Brownfield Program. Prepared CSA Workplan, coordinated utility locating, and utilized roto-sonic drilling subconsultant to install 13 soil borings and 3 monitoring wells.

Foot Homes Phase II ESA – Memphis, TN

Geologist – Provided a Phase II ESA and follow-up surficial soil sampling to confirm or refute the presence of contamination that may be present based upon the historical use of the property and adjacent properties.

Corbin Russwin Groundwater Monitoring – Clarksdale, MS

Geologist – Tioga is working as a sub-consultant to XDD Environmental for the sampling of up to forty (40) monitoring wells at the former Corbin Russwin, Inc. facility in Clarksdale MS in response to a release of TCE. Sampling for this project occurs quarterly and requires four sampling personnel for a total of 3 days to complete. Mr. Hall has worked as a team lead on this project and sampled wells on this site.

Cleveland Track Material – Memphis, TN

Geologist – Oversee weekly free product removal and bi-annual groundwater monitoring. Work with client and TDEC for additional site assessment and implementation of aggressive remediation strategies to expedite site closure. Installation of additional monitoring wells and design of remediation strategies.

Shelby County Schools Central Nutrition Center – Memphis, TN

Geologist – Installation and sampling of sub-slab vapor monitoring points. Interpret analytical results for reporting to TDEC including comparing results to EPA Target Sub-Slab Gas Concentrations. Recommend further assessment and potential remediation strategies.

Methodist Le Bonheur Healthcare – Memphis, TN

Geologist – Oversaw the registration and closure of unregistered underground storage tanks discovered during building construction. Work included registering of tanks, completing application process with TDEC for tank closure and removal, supervision of tank removal and closure sampling, and final closure assessment. Site assessed using Tennessee Division of UST Risk Based Cleanup Levels.



GEOLOGIST JULY 2015 – PRESENT
 TIOGA ENVIRONMENTAL CONSULTANTS, INC., MEMPHIS, TN

SIMS Metal Management – Memphis, TN.

Geologist – Supervision of Environmental Site Assessment for SIMS Metal Management Scrapyard located in Memphis, TN. Part of the property was a former rag laundry suspected of using chlorinated solvents. Investigations of this portion of the property proceeded as if a drycleaner was historically present.

Industrial Facility Phase II – Southaven, MS

Geologist – Performed a Phase II Environmental Site Assessment based upon a Phase II assessment by another environmental consultant. Site had a history of contamination and remediation. Assessment activities included collecting soil samples to determine the nature and size of existing contaminant plume onsite. Site assessed using Mississippi Brownfield cleanup levels.

Winchester Rd. Supplemental Phase II – Southaven, MS

Geologist – Oversaw the installation and sampling of monitoring wells to expand upon results from a Phase II by another environmental consultant. Made recommendations for future monitoring well installation and possible remediation strategies.

GEOLOGIST JUNE 2010 – JULY 2015
 SEMS, INC., MEMPHIS, TN

NAVFAC Navy Base – Millington, TN

Geologist – Subcontracted by Lee and Ryan for support during the installation, development, and sampling of monitoring wells for TCE contamination. Oversaw and performed quarterly low-flow groundwater sampling for Lee and Ryan.

Extra Express Market – Memphis, TN

Geologist – Performed Initial Hazard Management and Initial Site Characterization and Risk Assessment for TDEC. Performed Mobile Enhanced Multiphase Extraction events for remedial system sizing. Design Corrective Action Plan. Oversaw installation of dual-phase remedial system onsite. Oversaw system start-up and remedial activity monitoring. Oversaw and performed quarterly groundwater sampling activities and monthly system monitoring and reporting to TDEC.

S&H Grocery – Olive Branch, MS

Geologist – Performed Initial Subsurface Investigation activities. Performed Additional Subsurface Investigation Activities. Recommended and oversaw the implementation of multiple high vacuum events to remove free product from onsite monitoring well. Recommended and oversaw the implementation of surfactant injection removal activities.

Abandoned Facilities Project – Various locations in West Tennessee

Geologist – Performed abandoned facility identification and assessment for TDEC. Work included locating and assessing abandoned gas stations at various locations in West Tennessee. 88 different locations were identified and assessed for future remediation by TDEC.

Tank Farm Inspections – Various locations in Northeast Arkansas

Geologist – Performed inspections at bulk petroleum tank farms located at agricultural co-op facilities located at various locations in Northeast Arkansas. Tank farms were inspected for leaking, corrosion, and general upkeep. Results of inspections were reported to client with recommendations regarding upkeep and possible associated environmental risk.

Trans-Canada Natural Gas Compressor Station – Sardis, MS

Geologist – Oversaw the excavation of PCB contaminated soil and a natural gas compressor station. Supervised a crew of laborers excavating soil for approximately one month.

RESEARCH ASSISTANT

AUGUST 2009 – JUNE 2010
 THE UNIVERSITY OF MEMPHIS., MEMPHIS, TN

