



CONSULTANTS
· ENVIRONMENTAL
· GEOTECHNICAL
· MATERIALS
· FORENSICS

POSITION: Engineer in Training (EIT) - Construction Services
STATUS: Regular Full-time; Non-exempt
REPORTS TO: Engineering Supervisor

AET provides geotechnical, environmental, materials and forensics consulting and testing services to public and private sector clients in a broad spectrum of industries. We have built our reputation on experience, quality, and fulfilling client requirements in a cost effective and timely manner. Many of our principals, engineers, scientists and certified technicians have decades of practical experience in their areas of specialization. Our extraordinary accumulation of site data and construction history in the Upper Midwest has been a valuable asset for many professionals.

DESCRIPTION

Provide support for the duties of the engineers and technicians within the Construction Services Division. Assist with engineering projects and perform laboratory testing and field observation of construction materials. The amount of oversight and supervision will depend on the task complexity, as determined by the engineer or technician.

ESSENTIAL DUTIES AND RESPONSIBILITIES

Reasonable accommodations or workable solutions may be made to enable individuals with disabilities to perform essential functions.

- Field and Laboratory Work
 - Conduct geotechnical field testing according to QA procedures.
 - Perform special inspection services materials testing or environmental services on an as needed basis.
 - Perform soil boring layout/documentation, utility clearance meets and surveying.
 - Assist in training of less experienced personnel in routine field work/documentation.
 - Conduct soil laboratory tests according to QA procedures.
 - Log/classify soil samples in laboratory or fieldwork, as needed.
- Performance of Work/Report Preparation
 - Prepare reports of field and laboratory work.
 - Prepare detailed site visit reports for job file using standard AET forms.
 - Communicate with clients to determine their project needs.
 - Complete tasks in accordance with project quality requirements.
 - Assist in maintaining and improving the materials testing laboratory in the local office.
 - Assist with geotechnical engineering investigations including field drilling and laboratory testing, geotechnical engineering analyses and report preparation.

OTHER AREAS OF ACCOUNTABILITY

- Conduct field, laboratory and office activities in a manner consistent with federal, state, and local environmental, health, and safety regulations and AET's Health and Safety Policy, and that promotes the safety and protection of employees, clients and the public.
- Maintain valid driver's license and acceptable driving record. Some positions may require use of personal vehicle for company business. Maintain compliance with DOT driver regulations if required for position. Maintain appropriate physicals if required for position.
- Some duties outdoors or away from main office/laboratory location.
- Frequent travel required within regional area.
- Occasional out-of-town travel.
- Properly use and maintain company instruments and equipment.
- Establish, maintain and build business relationships with clients.
- Aid in company marketing functions.
- Maintain high chargeable productivity.
- Coordinate with other AET staff with the ultimate goal of increasing efficiency, productivity and communication.
- Perform other job duties not listed, as required, to meet division and company needs.

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Modified: 3/2014

REQUIRED EDUCATION AND EXPERIENCE

- Bachelor's degree in Civil, Geological, or related Engineering field.
- 0-3 years of experience in an engineering or science related field.
- Engineer in Training (EIT) and ability to achieve professional registration (PE).
- Internship or previous work experience preferred, but not mandatory.

KNOWLEDGE, SKILLS, AND ABILITIES

- Knowledge of fundamental engineering or scientific principles within specialty area and ability to apply that knowledge to the job.
- Experience using personal computer software, especially Microsoft Office.
- Ability to work at environmental remediation, industrial and construction sites and perform field work including, but not limited to, collecting samples, operating field instruments, following procedures, planning, organizing and arranging logistics for the job, and documenting field activities and data collected.
- Communication skills sufficient to convey complex technical information in a clear manner to diverse audiences.
- Ability to interact effectively with a wide variety of people, work effectively within project teams, resolve issues and problems in a constructive manner, and work independently in the field.
- Capable of the physical labor required, with personal protective equipment. Ability to occasionally move 50 to 100 pounds.
- Ability to perform hand auger borings and field testing throughout the working day.

AET is proud to be an Equal Opportunity Employer; AA/EEO/Veterans/Disability friendly employer. All qualified applicants will receive consideration for employment without regard to race, color, sex, religion, age, sexual orientation, gender identity, national origin or any other characteristic protected by applicable Federal, State, or local laws.

AET reserves the right to change duties as needed. This job description is not intended to be interpreted as all-inclusive of the duties, requirements and qualifications of the titled position.