

**AUGUST MACK ENVIRONMENTAL
ENVIRONMENTAL FIELD SERVICES (subsidiary)
JOB DESCRIPTION**

**ENTRY LEVEL FIELD TECHNICIAN
Effective November 2016**

A Field Technician is responsible for learning and performing a wide and diverse range of field work related to the following service areas. We offer on-the-job training and a career path to help our employees develop skills, gain experience, and advance their careers.

1. Building Sciences - asbestos, lead, mold, indoor air quality, industrial Hygiene sampling and environmental site assessment activities.
2. Closure - investigating the nature and extent of subsurface contamination (soil, groundwater) and developing and implementing cleanup and/or environmental closure activities.
3. Compliance - field activities related to preventative maintenance, sampling, and inspections.
4. Drilling - direct push and hollow-stem auger rig soil and groundwater sampling; in-situ chemical injection; and installation and maintenance of groundwater monitoring wells.
5. O&M - groundwater monitoring/storm water sampling; drum sampling, over packing, and removal; remediation system start-up and operation; and wastewater treatment plant operation.

Work is performed with direction from experienced level technical personnel; under the general supervision of the Field Operations Manager.

ESSENTIAL FUNCTIONS

Learn and perform all field tasks necessary to complete a project's scope of work.

- Asbestos investigations including inspection, abatement oversight, air monitoring, and air clearance sampling; lead-based paint investigations including inspections, risk assessments, abatement oversight, dust wipe/air clearance sampling; IAQ (indoor air quality) and microbial investigations including initial inspections, remediation oversight, and pre/post remediation air clearance sampling.
- Advance soil borings, obtain and field screen soil samples; install, develop and sample groundwater monitoring wells; complete geologic and aquifer studies; prepare samples for the laboratory; perform vapor studies, excavation area assessments, and record searches; install and operate product recovery systems; perform pilot tests to support remedial system design; conduct remedial system installation and operation; maintain, coordinate and oversee tank removals; and decontaminate manufacturing facilities.
- Perform compliance related activities including stack testing, IH sampling, and noise monitoring; storm water sampling, baghouse preventative maintenance inspections, and baghouse cleaning/maintenance and install various environmental systems (e.g., ventilation, storm water, industrial wastewater).
- Assist drillers with direct push soil and groundwater sampling; hollow-stem auger drilling; environmental soil sampling; and installing and maintaining groundwater monitoring wells. Perform a variety of in-situ chemical injections to remediate soil and

groundwater contamination. Work on equipment when broken down in the field, shovel soil cuttings, move filled drums, saw cutting and working with concrete, and heavy lifting of backfill material. Learn to operate rotary auger (CME) and direct push technology (DPT) geoprobes.

- Install, develop, and sample groundwater monitoring wells; perform routine groundwater monitoring/sampling; storm water sampling; drum sampling, over packing, and removal; site maintenance (mowing, land maintenance); prepare samples for the lab; perform vapor studies, etc.
- Work safely and within company standards on safety practices; maintain safety as a top jobsite priority; report all incidents and/or near misses.
- Wear appropriate personal protective equipment (PPE); some activities performed in Level C PPE with respirator(s).
- Verify public and private utility locates have been completed and are appropriately marked before performing any work.
- Mobilize to and from project job sites; assist in loading trucks and other prep activities.
- Setup job, complete load lists, and perform on-site work.
- Assist with subcontractor management, health & safety oversight, and paperwork.
- Perform daily record keeping and reporting of time/hours billed and expenses.
- Utilize equipment and vehicles in the proper manner; maintain in a clean and good working order after each use.
- Inspect and perform routine preventative maintenance on equipment and vehicles.
- Identify potential sources of contamination when working on a job site.
- Evaluate, select, schedule, and manage subcontractors.
- Prepare Health and Safety Plans (HASPs), review and enforce the plan at the work site.
- Prepare field documentation including site descriptions, field descriptions, field observations, work task descriptions, boring logs, sampling logs and forms, well construction and abandonment logs, chain of custody documentation, trip reports and any other reporting or documentation needed by the project or requested by the manager.

ACCEPTABLE EXPERIENCE AND TRAINING:

Requires (1) an associates or bachelor's degree in geology, environmental science, engineering or a related science field or (2) a high school diploma or equivalency and some construction or labor experience. Strong computer and verbal/written communication skills are a must. OSHA Hazwoper Certification (40 hours), construction, and/or military background are a plus. Other combinations of experience and education that meet the minimum requirements may be substituted.

This position is in a construction and/or field environment and includes working around heavy equipment, working outdoors in all types of weather, and 50 – 75% travel to multiple state client locations. Positions average 5 – 10 hours of paid over-time per week with start times of 5 – 8 am (depending on location). More overtime may be required depending upon project demand. Some assignments require intermittent 24 hour on call duty.

Additional Requirements:

This classification requires the use of a company or personal vehicle on company business. Individuals must be physically capable of operating the vehicles safely, possess a valid driver's license, have an acceptable driving record and receive a medical clearance from a baseline physical. This classification operates a commercial motor vehicle as defined and regulated by the Federal Motor Carrier Safety Administration and is responsible for complying with applicable federal regulations and internal company safety program requirements.

This classification requires travel to various project locations. Travel involves day trips within the state or neighboring states, resulting in longer work days; and extended and/or further travel, resulting in multiple days and overnights. Long-term assignments can be required.

Must successfully complete a pre-employment background check and drug screen.

Required Knowledge, Skills and Abilities:

Some Knowledge of:

- The principals, practices, & techniques of geology, engineering and/or chemistry.

Some Skill in:

- Calibrating and using various types of field equipment.
- Performing mathematical calculations.
- Interpreting geologic and hydrogeologic information and scientific data.

Ability to:

- Learn job-related material primarily through verbal instruction, training, reading, researching and observation in an on-the-job setting.
- Document and organize while working on multiple projects.
- Accurately measure and document dimensions and distances
- Work out doors in a variety of weather conditions.
- Work in small, cramped areas.
- Travel across rough, uneven or rocky surfaces to access equipment.
- Climb ladders or steps where equipment is located, to reach objects on shelves, or to monitor machinery and equipment.
- Move heavy objects (50 pounds or more) short distances (20 feet or less).
- Bend or stoop repeatedly or continually over time to make adjustments to equipment.
- Work safely without presenting a direct threat to self or others.
- Work closely and support others in a team environment.