



## **Geotechnical/Geoenvironmental Engineer**

### The Job in a Nutshell

As a geotechnical/geoenvironmental engineer, you would mainly be present in the field on construction sites to observe foundation construction activities and/or environmental remediation. You will gain significant experience with subsurface soil conditions and earthwork, ground improvement and pile foundation construction activities. As you gain experience, there may be opportunities to review contractor fill material submittals, contribute to foundation report preparation, and learn geotechnical analysis. The ideal candidate will be able to develop and maintain a good working, professional relationship with the owner, owner's representative, general contractor and subcontractors.

### Job Responsibilities

- Monitor foundation-related construction activities such as earthwork, ground improvement, and pile installation.
- Perform in-place density testing on backfill material.
- Coordinate need to be present on-site with contractors.
- Prepare daily field reports, and forms/logs as required.
- Perform environmental sampling of soil, groundwater, soil gas, and indoor air.
- Monitor environmental remediation.
- Perform laboratory geotechnical testing.
- Perform vibration monitoring with seismographs.
- Monitor subsurface explorations (e.g., borings, test pits).
- Communicate activities with project team daily.

### Job Qualifications

- Bachelor's degree in civil engineering or related discipline.
- Master's degree in geotechnical engineering or related discipline preferred but not required.
- Engineer-In-Training (EIT) certification preferred but not required.
- Strong technical writing and verbal communication skills.
- Valid driver's license with reliable transportation.
- Ability to travel to project sites in Massachusetts and surrounding area.
- Current 10-hour OSHA Construction Industry Training or 40-hour HAZWOPER training is preferred but not required.
- Computer Skills - Microsoft Office, Bluebeam, Adobe.

### The Hiring Process

1. You read this job posting and think to yourself "That sounds like a company I want to apply to."
2. You send your resume to [careers@mcphailgeo.com](mailto:careers@mcphailgeo.com).
3. If we see a potential fit, we get in touch to set up an interview.
4. If all goes well, you start working at McPhail, tapping into your geotechnical/geoenvironmental knowledge on a regular basis and subtly bragging to your former coworkers or classmates about your new job.