

**Civil/Geotechnical Engineer**

Aterra Solutions, LLC is currently seeking a motivated, creative, and passionate civil/geotechnical engineer with 5 to 10 years of dam, levee, and water retention structures experience for a unique opportunity to become quickly engaged in technically challenging projects in the field of geotechnical and geo-structural engineering. Projects are typically related to the analysis and design of hydraulic structures, including dams, levees, floodwalls, channels, and similar facilities. Successful candidates will support Aterra's growing dam, levee, and flood control practice located in our Ambler, Pennsylvania office. You will work collaboratively with a talented team of recognized technical experts and leaders in the field of geotechnical, geo-structural, and water resources engineering.

**Responsibilities & Duties:**

- Geotechnical/geostructural design and evaluation of water resources/flood control projects including dams, levees, and appurtenant structures such as spillways, outlet works, and hydroelectric facilities.
- Provide technical input and oversight in one or more of the following areas: structural design and evaluation of hydraulic structures, dam and levee embankment analysis and design, analysis and design of concrete structures, geotechnical or seismologic engineering.
- Solve complex engineering problems and prepare calculations and reports.
- Potential to be the primary point of contact with clients responsible for maintaining client relationships and delivering successful projects.

**Minimum Qualifications:**

- Master's degree in civil/geotechnical engineering or closely related field;
- Licensed professional engineer;
- Working knowledge of the GeoStudio suite of software programs, including SLOPE/W, SEEP/W, SIGMA/W, and QUAKE/W;
- Ability to work with limited supervision; organized; energetic and enthusiastic; and ability to build productive working relationships within the firm and with project teams;
- Ability and willingness to travel periodically; and
- Entrepreneurial spirit and strong written and verbal skills.

**Desirable Qualifications:**

- Design experience related to hydraulic structures, such as dams, levees, floodwalls, channels, spillway/flood gates, pump stations, and similar structures;
- Understanding of regulatory, permitting environment, and engineering standards for State Dam Safety Programs, Natural Resources Conservation Service, U.S. Army Corps of Engineers, and Federal Energy Regulatory Commission;
- Strong theoretical background with experience in applying analyses to practical solutions, including computer modeling and seismic analysis and designs;

- Ability to direct and mentor junior staff (depending on level of experience of the successful candidate).

**Additional Information:**

- Highly competitive salary;
- Company sponsored medical and dental benefits;
- 401k Plan with partial employer match;
- Flexible work hours, location (including remote work), and personal time off;
- Main office conveniently located near train station allowing easy commute in and out of Center City Philadelphia and surrounding towns.

**Visit our website to learn more about us: [www.aterrasolutions.com](http://www.aterrasolutions.com).**

Aterra Solutions is an equal opportunity employer. All suitably qualified applicants will receive consideration for employment on the basis of objective criteria.