



Position title	Department	Reports to
Professional Engineer - Water Resources	Water Resources	Director of Water Resources
Employment status	FLSA status	Salary Range
<input type="checkbox"/> Temporary <input type="checkbox"/> Full-time <input type="checkbox"/> Part-time <input checked="" type="checkbox"/> Permanent <input checked="" type="checkbox"/> Full-time <input type="checkbox"/> Part-time	<input type="checkbox"/> Nonexempt <input checked="" type="checkbox"/> Exempt	\$76,950 - \$120,750

Position Summary

The Water Resource Project Engineer is responsible for the planning and design of municipal water and wastewater projects, as well as representing AES to the public, and manage the WRG design team. This position reports directly to the Director of Water Resource and will assist clients in planning efforts to support their water and wastewater infrastructure improvements, as well as developing the projects design schedules, and mentoring of the Water Resource Department.

The Project Engineer’s responsibilities include producing construction documents, performing engineering calculations, liaising with the project stakeholders, and assisting with bidding & construction management of completed designs.

To be successful as a Project Engineer, you should be able to perform tasks assigned by the Director of Water Resources in an efficient and timely manner. An outstanding Project Engineer should be able to balance work on design projects, projects under construction, and guide the design staff to keep the water resource division running efficiently.

Essential Duties and Responsibilities

The essential functions include, but are not limited to the following:

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- Communicating with stakeholders regarding project needs and goals.
- Perform water calculations, including demand, flow, and pipe sizing
- Perform construction cost estimates.
- Evaluate performance of employees and provide recommendations for training.
- Completing any tasks assigned by the Director of Water Resource in an efficient and timely manner.
- Coordinate scheduling various projects for Water Resource Division and balancing of resources.
- Conducts cost analysis, estimating expected costs for the project.
- Keeps current on local, state, and federal water and wastewater regulations.
- Ensures project compliance with federal, state, local, industry, contractual, and company regulations, standards, specifications, and best practices.
- Coordinate planning, construction activities, and data collection between AES and clients as needed
- Perform evaluations on existing water and wastewater infrastructure
- Identify and communicate with program staff and management to strategize items related to project budget forecast and budget modifications

- Provide technical expertise in various aspects of projects including Proposals/RFP, Contracts, Design Reports, Agency Correspondence, permits (DOT, APA, DOH, SHPO, SWPPP), Specs/Construction Documents, Bidding, RFI's, Addendums, Construction Contracts, Change Orders/Change Directives, and Contractor Submittals

Supervisory Requirements

- Some supervisory responsibilities may be required

Minimum Qualifications (Knowledge, Skills, and Abilities)

- BS in Civil Engineering from an ABET-accredited program
- Minimum of 3 years of engineering experience preferred but not required
- Professional Engineering License is required (with the ability to obtain a NY & VT license within 2 yrs.)
- Working knowledge of AutoCAD/Civil 3D 2020 is required.
- Knowledge of HydroCAD is a plus
- Experience with permit applications to local boards and state agencies is a plus
- Experience with field work and site observation services is a plus
- Assist office team with successful completion of projects within established budgets and deadlines.

Physical Demands and Work Environment

- Prolonged periods sitting at a desk and working on a computer.
- Must be able to lift up to 15 pounds at times.
- Must be able to travel to various project sites.
- Must be able to access and navigate job sites and construction areas.

Any physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this position. Reasonable accommodation may be made to enable individuals with disabilities to perform the functions.

Note

This job description in no way states or implies that these are the only duties to be performed by the employee(s) of this position. Employees will be required to follow any other job-related instructions and to perform any other job-related duties requested by any person authorized to give instructions or assignments. All duties and responsibilities are essential functions and requirements and are subject to possible modification to reasonably accommodate individuals with disabilities. To perform this job successfully, the employee(s) will possess the skills, aptitudes, and abilities to perform each duty proficiently. Some requirements may exclude individuals who pose a direct threat or significant risk to the health or safety of themselves or others. The requirements listed in this document are the minimum levels of knowledge, skills, or abilities. This document does not create an employment contract, implied or otherwise, other than an at-will relationship.

AES Northeast is an equal opportunity employer, drug-free workplace, and complies with ADA regulations as applicable.