

Water Systems Construction Engineer (HELP) Program

A professional engineering role responsible for designing, managing, and supporting water, and wastewater infrastructure projects to ensure safe, reliable, and efficient public systems.

The Department of Water Environment Protection (WEP) delivers wastewater treatment services that protect public health and local waterways across Onondaga County, supported by a skilled and dedicated workforce.

WHY YOU?

This position is ideal for individuals with a background in engineering who are looking to apply their skills in a public service setting. As a Water Systems Construction Engineer, you'll work on meaningful infrastructure projects that directly impact the community, from system design through construction and implementation. You'll have the opportunity to manage projects, collaborate with contractors and field staff, and contribute to the long-term reliability and improvement of critical water and wastewater systems.

WHAT EXACTLY DOES A WATER SYSTEMS CONSTRUCTION ENGINEER DO?

The primary function of this role is to apply engineering principles to the design, construction, and maintenance of water and wastewater system infrastructure. Responsibilities include preparing plans and specifications, developing cost estimates, reviewing contractor work, and supporting construction activities to ensure projects are completed in accordance with design and regulatory requirements.

- ❖ Oversees and/or participates in the design of new construction and renovation of water system components such as water mains, pumping stations, water services, fire hydrants, meter installations, etc.
- ❖ Oversees and/or participates in mapping, implementation and maintenance of the GIS System and its use and function of the system as it relates to water systems.
- ❖ Oversees and participates in specification writing, materials estimates, inspection, and cost projections as applied to the design, construction, and renovation of water and/or wastewater system components such as water mains, pumping stations, water services, fire hydrants and meter installations, repairs, replacements, upgrades or improvements of wastewater treatment, pumping and conveyance facilities, systems and equipment.

This list is not exhaustive. Additional duties are outlined in the official job description.

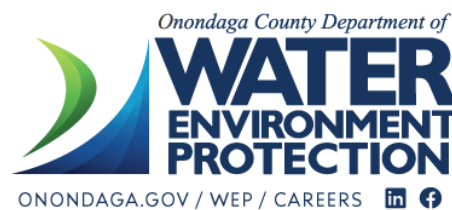
MINIMUM QUALIFICATIONS

- Graduation from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees with a baccalaureate degree in engineering; or,
- Four (4) years of paraprofessional or professional level work experience, or its part time equivalent, in engineering, two (2) years of which must have been in a professional level capacity in civil engineering as applied to design, construction, and maintenance of water transmission and distribution systems and/or wastewater treatment systems and appurtenances; or,
- An equivalent combination of training and experience as defined by the limits of A and B.

SPECIAL NECESSARY REQUIREMENT

When required to operate a motor vehicle, possession of a valid New York State non-CDL or CDL, including any special endorsements, as required for the type of vehicle being operated.

Onondaga County is an Affirmative Action (AA) employer committed to Equal Employment Opportunities (EEO) for all persons.



ANNUAL SALARY

\$ 78,578 – \$86,815

CIVIL SERVICE GRADE

CSEA / 13

POSITION TYPE

NY HELP Program

This is a Hiring Emergency Limited Placement (HELP) Program appointment. This is a permanent appointment, and the Civil Service exam will be waived

Full Time

35 hours/week

WEP DIVISION

Varies

BENEFITS

- Paid Sick, Personal, and Vacation Leave
- 13 Paid Holidays
- Health, Dental, and Vision Insurance
- NYS Retirement Benefits and Retiree Healthcare
- Flex Spending
- Work - Life Balance
- Professional Development Opportunities

HOW TO APPLY

Access the job posting and application by scanning the QR code or visiting [Onondaga.gov/WEP/careers](https://www.onondaga.gov/WEP/careers). Email the completed application and resume to WEPRecruiting@ongov.net to apply.

