

Mechanical Engineer

The Department of Water Environment Protection (WEP) provides critical wastewater services to Onondaga County's Consolidated Sewer District. We are successful in our mission to protect local waterways and public health because of our hard-working employees. WEP is looking for a dynamic individual to join our team as a Mechanical Engineer.

WHY YOU?

WEP is continuously looking for motivated and dedicated employees to be a part of our cohesive and diverse team! If you have experience in engineering and meet the minimum qualifications noted below, we value your skills and knowledge!

WHAT EXACTLY DOES A MECHANICAL ENGINEER DO?

The work involves responsibility for providing professional engineering services and resources to identify, evaluate, design, and implement repairs and improvement to facilities and infrastructure to ensure and maintain their efficient and effective functional use. An employee in this class applies engineering principles and engineering skill to investigate, identify and evaluate problems with mechanical equipment and systems and creates cost effective designs to solve any problems. The incumbent also is involved with effective on-site construction project inspection for quality control and oversight as an agency representative. This is an important role at WEP, and the ideal candidate will have various responsibilities including, but not limited to:

- ❖ Applies engineering principles to address and solve problems concerning mechanical systems including pumping, piping, heating, ventilating, air conditioning systems, compressors, gear drives and other process equipment and appurtenances, as well as structural and architectural systems
- ❖ Researches and evaluates equipment and material for its function, usage, condition and repairability
- ❖ Research literature, manufacturer's applications and design data, and other engineering standards and codes to prepare detailed calculations, designs, drawings, and specifications
- ❖ Prepares detailed engineering design and specifications which are acceptable for the governmental competitive bidding process; prepares cost estimates as necessary

MINIMUM QUALIFICATIONS

A. Graduation from a regionally accredited college or university to grant degrees with a bachelor's degree in mechanical engineering, or civil engineering, and four (4) years of professional engineering work; or, **B.** Eight (8) years of paraprofessional or professional level work experience, or its part time equivalent, in mechanical or civil engineering, four (4) years of which must have been professional engineering work; or, **C.** An equivalent combination of training and experience as defined by the limits of A and B above.

ANNUAL SALARY

\$76,291 - \$84,288

CIVIL SERVICE GRADE

CSEA / 13

POSITION TYPE

Provisional

Candidate will initially be provisional and must take the corresponding Civil Service exam, scheduled at a later date, and place high enough on the list to qualify for appointment.

Full Time

35 hours/week

WEP DIVISION

Engineering

BENEFITS

Paid Vacation & Sick Leave

13 Paid Holidays

Health & Dental Insurance

Vision Plan

NYS Retirement Benefits &

Retiree Healthcare

Flex Spending

Work-Life Balance

Professional Development

Opportunities

**MORE ONLINE AT:
[ONGOV.NET/EBENEFITS](https://ongov.net/ebenefits)**



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ongov.net WEP

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