

Jurisdictional Class: Competitive
EEO Category: Technicians
Revised: 02/13/2024

ENGINEERING TECHNICIAN (WASTEWATER)

DISTINGUISHING FEATURES OF THE CLASS: Responsible for subprofessional assignments including general engineering support, field work, and other related technical duties pertaining to the Oneida County Sewer District wastewater treatment and conveyance systems. Work is generally performed under the direction of the Senior Engineer or designee. The incumbent performs related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative Only)

Assists engineering and technical staff as needed;
Prepares engineering drawings;
Performs field work including measurements, taking notes, and making sketches;
Assists engineering and/or technical staff by inspecting portions of construction projects;
Utilizes the department's Geographic Information System (GIS);
Utilizes the departments Computerized Maintenance Management Systems (CMMS) for the sewer collection system and the facility assets;
Performs field investigations and inspections;
Assists with utility infrastructure mark-outs in support of NYS Code Rule 753 – Protection of Underground Facilities (UDig-NY);
Proficiency in AutoCAD.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Good knowledge of mathematics and its applications and the ability to perform rudimentary technical computations and estimates; Knowledge of the principles, practices, and instruments used in the preparation of engineering drawings; Ability to interpret construction drawings and specifications; Skill in the use of engineering instruments and equipment; Sufficient physical stamina to work outdoors occasionally under adverse weather conditions; Physical condition commensurate with the demands of the work; Good judgment; Good verbal and written communication skills; Reliability; Proficiency utilizing computer hardware and software systems.

MINIMUM QUALIFICATIONS: Either:

- (A) Possession of Associate's Degree in environmental science, engineering or architectural technology, surveying technology, or closely related field; **OR**
- (B) Graduation from high school or vocational school (i.e.: BOCES) or possession of a high school equivalency diploma with certificate of completion of course work in AutoCAD **AND** three (3) years relevant experience.

SPECIAL REQUIREMENT: Possession of a valid New York State driver's license at time of appointment. License must remain valid throughout appointment.

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NOTE: Degree(s) must have been awarded by a college or university accredited by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S. Secretary of Education. If the degree was awarded by an educational institution outside the United States and its territories, the candidate must provide independent verification of equivalency. A list of acceptable companies who provide this service can be found on the Internet at <http://www.cs.ny.gov/jobseeker/degrees.cfm>. Candidates will be required to pay the evaluation fee.

Adopted: 12/20/2023
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