

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

SENIOR ENGINEERING TECHNICIAN (WASTEWATER)

DISTINGUISHING FEATURES OF THE CLASS: Responsible for more complex subprofessional assignments including supervising engineering support services, field work, and other related technical duties pertaining to the Oneida County Sewer District wastewater treatment and conveyance systems. Assignments are received orally or in writing and are general in nature. Supervision may be exercised over subordinate staff or staff temporarily assigned to assist with engineering support services. 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;
Supervises field work;
Takes notes and measurements;
Makes sketches as required;
Makes and checks engineering drawings on minor projects;
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: Thorough knowledge of mathematics and its applications and the ability to perform surveying and engineering computations; Thorough knowledge of the principles, practices, and instruments used in the preparation of engineering drawings; Thorough knowledge of construction specifications and their application to public works construction; Skilled in the use of engineering instruments and equipment; Strong aptitude in performing complex technical computations and estimates; 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: Possession of Associate's Degree in environmental science, engineering or architectural technology, surveying technology, or closely related field **AND** five (5) years progressive experience as an engineering technician with emphasis on public works, utility, and/or water/wastewater.

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

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
Revised: 02/13/2024