

## **JUNIOR PROJECT ENGINEER - WATER DISTRIBUTION**

Code No.: 4-14-187

Competitive

**DISTINGUISHING FEATURES OF THE CLASS:** This is an entry-level engineering position involving participation in the design and construction of water supply facilities. The employee may perform field work and other related engineering support tasks. The employee works under the general supervision of a Project Engineer or other senior-level engineering staff member. Supervision of others is not a regular responsibility of this class, although employees may direct the work of technical and support staff for specific projects. Does related work as required.

**TYPICAL WORK ACTIVITIES:** (All need not be performed in a given position. Other related activities may be performed although not listed.)

Designs or assists in the design and preparation of specifications for water system construction projects such as booster stations, storage facilities, and water mains;

Interprets engineering and survey maps;

Reviews plans for subdivisions and new service installation for conformance with Monroe County Water Authority Standards;

Prepares various studies and reports;

Acts as liaison between the Monroe County Water Authority and organizations such as Federal, State, County, and Town agencies, contractors, and other utilities on assigned projects;

Participates in inspection activities for Monroe County Water Authority construction projects;

Resolves problems related to Monroe County Water Authority projects with contractors and others;

Prepares necessary correspondence concerning construction projects;

Acts as survey party chief.

**FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:** Good knowledge of Civil Engineering practices as related to water system facilities; good knowledge of modern construction methods, construction inspection techniques, drafting, and engineering analysis; good oral and written communication skills; ability to design engineering projects, including the preparation of plans and specifications; tact in dealing with governmental agencies, contractors, consumers and property owners; willingness to work outdoors; good judgement; integrity; physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:** Graduation from high school or possession of an equivalency diploma, plus EITHER:

- (A) Graduation from a regionally accredited or New York State registered college or university with a Bachelor's degree in Civil Engineering; OR,
- (B) Graduation from a regionally accredited or New York State registered college or university with an Associate's degree in Civil Engineering, plus three (3) years of paid full time or its part time equivalent experience in civil design or construction.

**SPECIAL REQUIREMENTS:**

Possession of a valid New York State Class D driver's license at time of appointment.

Depending on position duties, candidates for employment with Monroe County Government will be required to pass a pre-employment drug test.

**SPECIAL REQUIREMENT FOR APPOINTMENT IN SCHOOL DISTRICTS AND BOCES:**

Per Chapter 180 of the Laws of 2000, and by Regulations of the Commissioner of Education, to be employed in a position designated by a school district or BOCES as involving direct contact with students, a clearance for employment from the State Education Department is required.

**ADOPTED:** September 3, 1998