

Civil Division: Towns
Jurisdictional Class: Competitive
EEO Category: Skilled Craft
Revised: 05/03/11

WATER MAINTENANCE MECHANIC

DISTINGUISHING FEATURES OF THE CLASS: The incumbent in this class performs technical and manual work and is responsible for performing duties such as, making semi-skilled plumbing installations in the extension, maintenance and repair of the municipal water system. Employees may also be assigned other duties in the Water Department such as testing water quality, servicing, replacing and reading water meters and inspecting and maintaining hydrants and valves. The work is performed under the general supervision of a superior, with leeway allowed for the exercise of independent judgment in carrying out the technical details of the job. Supervision may be exercised over the work of Laborers. Incumbent performs related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative Only)

Makes taps on water mains for customer services and for installing valves, gates and fire lines;
Locates leaks, installs clamps and sleeves and makes other emergency repairs;
Investigates frozen water lines and calls contractor for repair, where indicated;
Installs, repairs and resets and flushes hydrants, valves, meters, pumps and related water distribution equipment;
Operates mechanical equipment including air compressors, drills and thawing machines;
Maintains water mains and trunk lines, and performs leak surveys using a variety of hand and power equipment;
Reads, replaces and repairs water consumption meters;
Responds at all times to emergency repair calls;
May check and test water for turbidity, pH, chlorine content and bacteria;
May dig trenches for service lines and water mains using backhoe;
May operate gas chlorinator and hypochlorinator by adding chemicals, adjusting equipment and changing gas tanks;
May drain and clean reservoir.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Good knowledge of the common practices, principles, terminology and safety precautions used in the maintenance and extension of a municipal water system; good knowledge of the use of tools and equipment required in the construction and repair of a municipal water system; ability to perform heavy manual labor for extended periods, occasionally under adverse weather conditions; willingness to report for emergencies; ability to read and record water consumption; ability to understand and carry out oral and written instructions.

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MINIMUM QUALIFICATIONS: Either:

- (A) Graduation from a regionally accredited or New York State registered college or university with an Associate's Degree in construction technology, plumbing technology or a closely related field **AND** one (1) year of experience in plumbing work or in the maintenance of a public or private water distribution system; **OR**
- (B) Graduation from high school or possession of a high school equivalency diploma **AND** three (3) years of experience, as outlined in (A) above.

NOTE: Verifiable part-time experience will be pro-rated toward meeting full-time experience requirements.

SPECIAL REQUIREMENT: Eligibility for an appropriate level valid New York State Operator's license at time of application. Possession of the license at the time of appointment. This license must be maintained throughout appointment.

Adopted: 10/13/88
Revised: 02/04/97, 12/28/05, 05/03/11