

## ENGINEERING TECHNICIAN (WATER USE)

DISTINGUISHING FEATURES OF THE CLASS: Under supervision, performs non-professional engineering and office work, along with field work on general water supply. Incumbents compile, tabulate and prepare illustrative graphs on water consumption data and water supply and resources. Supervision is not a function of this class. Does related work as required.

### EXAMPLES OF WORK: (Illustrative Only)

Compiles, via field and office work, and calculates water consumption data in standard forms;

Computes monthly and annual changes in water use data;

Prepares graphs and drawings illustrating compiled data;

Performs simple drafting duties in the preparation of standard forms, standard drawings of water works facilities and general tracing of rough working drawings on water supply and distribution projects;

Assists in compiling data in standard data processing equipment (format) for periodic recall;

Performs calculations for tabulation of historic record data;

Prepares files and completes monthly and annual filing of water consumption and resource data;

May assist in surveying assignments.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Familiarity with the principles of water facilities construction and survey practices; some knowledge of the principles and practices of civil engineering; ability to perform graphic illustrations and/or draft from rough sketches, drawings, blueprints or diagrams; ability to perform basic mathematical calculations used in the compilation and tabulation of data; ability to follow oral and written instructions; ability to get along well with others; reliability; accuracy; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: A High School or equivalency diploma and either: (a) two years of experience in the area of field surveying, surveying calculation, or related environmental technical duties; or (b) completion of a two-year course in engineering technology at a recognized post-high school\*, trade or technical college; or (c) a satisfactory equivalent combination of the foregoing training and experience.

\*SPECIAL NOTE: Education beyond the secondary must be from an institution accredited or recognized by the Board of Regents of the New York State Education Department as a post-secondary, degree-granting institution.

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Job Class Code: C1703  
Job Group: VI