

SEWER INSPECTOR

DISTINGUISHING FEATURES OF THE CLASS:

The work involves responsibility for inspection of city storm and sanitary sewers and connecting building laterals. An incumbent operates and maintains a variety of sewer line inspection and cleaning equipment. The work is performed under the direct supervision of a Public Works Supervisor. An incumbent exercises no supervision. Does related work as required.

TYPICAL WORK ACTIVITIES:

Inspects storm and sanitary sewers either by foot or motor vehicle to insure compliance with local ordinances and investigates reports of blocked or leaking sewers;

Installs, operates, and maintains sewer line inspection equipment such as generators, cameras, monitors and winches and identifies structural damage, restrictions and other sewer related problems;

Prepares video and audiotapes of all sewer inspections;

Makes proper measurements for infiltration tests, accurately determines and records footage readings, estimated inflow and submits oral and written inspection reports to a Public Works Supervisor for corrective or legal action;

Establishes inspection procedures and routines;

Operates a backhoe, compressor and sewer cleaning machines to clean and repair sewers and catch basins including hydraulic cleaning machines, mechanical bucket machines and rodding equipment;

Prepares and maintains a variety of work related records and reports;

Reads and interprets maps, plans, blueprints and construction drawings to locate sewers and catch basins.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of the principles, practices, safety precautions and equipment involved in sewer inspection;

Good knowledge of the local municipal codes regulating sewer use;

Good knowledge of location of city streets and sewers;

Working knowledge of maps, plans, blueprints and construction drawings;

Working knowledge of record keeping and report writing;

Ability to operate a variety of sewer inspection and cleaning equipment including closed circuit television;

Ability to interpret TV-monitor images and determine footage readings;

Ability to read and interpret maps, plans, blueprints and construction drawings;

Ability to understand and interpret oral and written instructions;

Ability to communicate both orally and in writing including the preparation of reports;

Ability to interpret local codes regulating the use of public sewers;

Physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

Graduation from high school or possession of a high school equivalency diploma and three (3) years experience in the construction, maintenance or inspection of storm and sanitary sewers.

NOTE: Successful completion of coursework in engineering technology, construction technology, drafting, hydraulics or a closely related field at a regionally accredited college or university, or one accredited by the New York State Board of Regents to grant degrees, may be substituted for the required experience with three (3) semester credit hours being equivalent to three (3) months of experience up to one (1) year.

SPECIAL REQUIREMENT:

Possession of a valid New York State driver's license appropriate to the vehicles or equipment operated.