

NEW CASTLE COUNTY GOVERNMENT

Number 1336

CLASS SPECIFICATION

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Date 05/01/01

Title: SENIOR SANITARY MAINTENANCE TECHNICIAN

Approved:



GENERAL STATEMENT OF DUTIES: Supervises and performs investigative work of a technical nature relating to the sanitary sewer system; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: An employee in this class performs infiltration and inflow studies and may evaluate and analyze the data obtained from them; performs or conducts various other studies on the sanitary sewer system; and searches out unmapped sewer lines or buried sanitary sewer manholes using survey and/or other instruments and reports their locations so that others will be able to find the sewer. This employee may be required to enter private property to inspect connections of that property to the sanitary sewer system. This employee works under general supervision and performs various tests on the sanitary sewer system and supervises Sanitary Maintenance Technicians.

EXAMPLES OF WORK: (Illustrative Only)

- Performs work safely in accordance with New Castle County safety policies, procedures, and practices and ensures that work performed by subordinates is also performed safely;
- Supervises and trains Sanitary Maintenance Technicians and other staff which may be assigned to perform the work;
- Coordinates investigative efforts with other agencies as needed such as DNREC;
- Works on pilot programs involving new technology for operating and maintaining the sanitary sewer system and may monitor the performance or effectiveness of a program after it has been developed and implemented;
- Performs, or assists in performing, flow monitoring studies with information obtained from portable and permanent sewer meters and weirs, visual observations and other means under both normal and storm situations and may be called upon to evaluate the results;
- Installs, operates, and maintains portable sewer flow meters and weirs;
- May perform, or assist in, the installation, operation and maintenance of permanent sewer meters;
- May assist sewer maintenance crews;
- Performs hydrostatic tests;
- May perform, coordinate, supervise, assist with, advise, and evaluate smoke, dye and other tests as necessary;
- Assists in establishing and maintaining an inventory of the sanitary sewer system and assists with rating of the condition of the system;
- Inspects the condition of the sanitary sewer system and makes reports of such;
- Performs routine sanitary sewer manhole checks of complete sections of the sanitary sewer system to determine known or potential problems and records the results;

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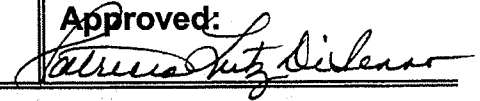
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CLASS SPECIFICATION

Date 05/01/01

Title: SENIOR SANITARY MAINTENANCE TECHNICIAN

Approved:



- Prepares written and makes verbal reports of the sewer system conditions and other reports as required;
- Inspects and studies existing building connections and laterals for possible illegal perimeter drain, sump pump, and roof drain connections and also inspects operating grease traps;
- Issues sanitary sewer system violation notices for the signature of a supervisor or other designated official;
- May assist with studying and investigating odor complaints when routine measures have not identified the problem or found a solution;
- May assist with locating sanitary sewer lines;
- Searches out unmapped sewer lines or buried sanitary sewer manholes using survey and other instruments and reports their locations so that others will be able to find the sanitary sewer;
- May assist with the layout of sewer modifications and additions through the use of basic surveying techniques;
- Promotes an ongoing attitude of dedication to excellent public service and ensures that external and internal customers are provided with the highest quality of service;
- Operates a data processing terminal, personal computer and other related equipment in the course of the work.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES: Thorough knowledge of sewer construction and causes of sanitary sewer line problems and their remedy; good knowledge of basic surveying operations and instruments; ability to read various kinds of maps and construction drawings and specifications; ability to operate data processing equipment or personal computer; ability to communicate courteously and effectively with the public and colleagues about the sanitary sewer system, both verbally and in writing; ability to effectively supervise subordinates and coordinate their work; ability to pass a Class II County physical examination.

ACCEPTABLE EXPERIENCE AND TRAINING: At least one year sub-professional engineering work involving sanitary sewer construction, maintenance or operations and completion of at least one year of college with major course work in engineering or a related field; or any equivalent combination of experience and training which provides the required knowledge, skills and abilities.

ADDITIONAL REQUIREMENTS: Possession of a valid Delaware Class D driver's license or its equivalent.

HISTORY OF REVISIONS:

Established:	07/01/90
Revised:	01/01/91
Revised:	05/08/95
Revised:	07/01/97
Revised:	05/01/01