

CLASS SPECIFICATION
County of Fairfax, Virginia

CLASS CODE: 6532

TITLE: PLANT OPERATOR I

GRADE: S-17

DEFINITION:

Under supervision, serves as an entry level plant operator assisting on a rotating 12 hour shift in the operation of a large 24/7 wastewater treatment plant; and performs related duties as required.

DISTINGUISHING CHARACTERISTICS OF THE CLASS:

This class performs entry level plant operator work and requires a Class IV Wastewater Treatment Facility License.

ILLUSTRATIVE DUTIES:

(The illustrative duties listed in this specification are representative of the class but are not an all inclusive list. A complete list of position duties and unique physical requirements can be found in the position description.)

Assists in monitoring an equipment and/or treatment process station to ensure the proper treatment of wastewater;
Assists higher level plant operators in monitoring operations via laptop, visual, and audio inspections;
Collects samples of wastewater and sludge at prescribed stages and time intervals in the treatment cycle and performs basic tests;
Monitors alarms and by-passes to another piece of equipment in case of an emergency;
Communicates with previous operator at beginning of shift to determine problems and status of all equipment;
Maintains records as assigned and required;
Cleans bar screens, wet wells, tanks, and other equipment and skims grease;
Adjusts chemical feed rates, adjusts or replaces packing on pumps, gates, and other controls and equipment;
Performs general housekeeping and cleaning duties;
Performs work in a safe manner according to all regulations, participates in safety training, and reports unsafe conditions.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:

(The knowledge, skills and abilities listed in this specification are representative of the class but are not an all inclusive list.)

Ability to learn the principles and operation of wastewater treatment;
Ability to learn the biological, chemical, and physical processes of wastewater treatment;
Ability to understand mechanical processes and use mechanical tools and instruments;
Ability to maintain accurate logs;
Ability to learn and carry out applicable safety practices.

EMPLOYMENT STANDARDS:

Any combination of education, training, and experience equivalent to the following:
Graduation from high school, or a GED issued by a state department of education.

CERTIFICATES AND LICENSES REQUIRED:

Must have and maintain a Class IV Wastewater Treatment Operator's certification issued by the Commonwealth of Virginia within 18 months of appointment.
Must have and maintain a valid Motor Vehicle Driver's License.

NECESSARY SPECIAL REQUIREMENTS:

Subject to 24 hour call back and must, therefore, be able to work emergency overtime.
Subject to working in adverse weather conditions and may be exposed to raw waste.

REVISED: April 10, 2009
REGRADED: July 8, 2006
REVISED: February 25, 2003