

CLASS SPECIFICATION
County of Fairfax, Virginia

CLASS CODE: 6531

TITLE: PLANT OPERATOR II

GRADE: S-18

DEFINITION:

Under general supervision, serves as a journey level plant operator, performing lead operator duties on a rotating 12 hour shift for a large 24/7 wastewater treatment plant; and performs related duties as required.

DISTINGUISHING CHARACTERISTICS OF THE CLASS:

This class performs journey level plant operator work and requires a Class III 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.)

Oversees and monitors equipment and/or treatment process station to ensure the proper treatment of wastewater;

Monitors operations via laptop and through visual and audio inspections;

Collects samples of wastewater and sludge at prescribed stages and time intervals, performs basic tests, analyzes results and recommends adjustments;

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 and notifies appropriate supervisory and management personnel of any unusual occurrences;

Adjusts chemical feed rates, adjusts or replaces packing on pumps, gates, and other controls and equipment;

Mentors and trains new operators;

May assist less experienced operators in on-the-job training;

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.)

Basic knowledge of the principles and operation of wastewater treatment;

Basic knowledge of the biological, chemical, and physical processes of wastewater treatment;

Ability to evaluate operational process performance and to select appropriate actions;

Knowledge of appropriate operational responses to emergency situations;

Ability to understand mechanical processes and use mechanical tools and instruments;

Ability to write accurate reports and maintain accurate records;

Ability to pass three plant operations duty station competency exams;

Ability to instruct and explain wastewater treatment processes to lower level operators;

Knowledge of occupational hazards and 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 and three years of experience as an operator in a Class I wastewater facility.

CERTIFICATES AND LICENSES REQUIRED:

Must have and maintain a Class III Wastewater Treatment Operator's certification issued by the Commonwealth of Virginia.

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: November 18, 2013

REVISED: September 18, 2012

REVISED: March 2, 2012

REVISED: April 10, 2009

REVISED: February 25, 2003