

*CLASS SPECIFICATION FOR*  
**Water/Wastewater Plant Operator II**

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**GENERAL STATEMENT OF DUTIES:** Performs responsible skilled work in the operation of the water or wastewater treatment plant and conveyance, pumping, metering, monitoring and sludge handling; does related work as required.

**DISTINGUISHING FEATURES OF THE CLASS:** The employee in this class independently operates the components of the water or wastewater treatment plant on an assigned shift. The incumbent may act as lead worker and assist in training lower-level operators. Work is performed independently with the incumbent's exercising independent judgment and making decisions when supervision is not readily available. Work is performed under the supervision of the Chief or Senior Water Plant Operator.

**EXAMPLES OF WORK** (illustrative only):

- Monitors gauges, meters and control panels and observes variations in operating conditions to determine processing requirements;
- Operates valves and gates, starting and stopping plant equipment to control and adjust treatment process;
- Makes inspections of plant process and equipment and makes adjustments as needed;
- Collects samples and performs routine laboratory tests for process control;
- Mixes chemicals for processing;
- Sets chemical feeds to provide proper chemical level;
- May act as lead worker, training other operators in plant operation procedures;
- Keeps records and prepares reports;
- Performs maintenance on plant systems;
- Performs work in non-occupiable spaces;
- Applies knowledge of water treatment to solve practical problems;
- Works both inside and outside being exposed to weather, water and wastewater treatment wastes;
- Locates sources of trouble and diagnoses trouble condition;
- Performs related work as assigned.

**REQUIRED KNOWLEDGE, SKILLS AND ABILITIES:** Good knowledge of water or wastewater treatment plant operation and maintenance; good knowledge of math and science applicable to water reclamation plant operations; ability to accurately read meters and gauges; ability to keep accurate records; ability to carry out complex oral and written procedures; ability to work independently; physical condition that will permit activities including but not limited to lifting, stooping, climbing stairs and ladders, working under adverse temperature and/or weather conditions; and exposure to water treatment chemicals.

**MINIMUM EDUCATION AND EXPERIENCE:** Graduation from high school and three (3) years of experience in treatment plant operations; OR, any equivalent combination of experience and training which provides the required knowledge, skills and abilities.

**ADDITIONAL REQUIREMENTS:** Possession of a State Class III Waterworks or Wastewater Operator's License. May require a pre-employment physical examination and/or medical tests administered by Henrico County Employee Health Services, the components of which are based on and appropriate to the specific sensory demands and/or physical hazards of the assigned position. The successful candidate will have no felony convictions, including any convictions related to weapons or violence issues, in accordance with State Code.