

Jurisdictional Class: Competitive; Non-Competitive in City of Plattsburgh  
Adopted: August 29, 1991  
Revised: March 29, 2019

**WASTEWATER TREATMENT PLANT MAINTENANCE WORKER II**

**DISTINGUISHING FEATURES OF THE CLASS:** This is skilled work involving responsibility for the efficient and competent performance of a variety of repair and maintenance tasks involving wastewater treatment and sludge treatment plant equipment requiring a good knowledge and skill in at least two of the mechanical trades such as welding, metal fabricating, sheet metal work, pipe fitting, industrial plumbing, or industrial electrical repair/ installation. Detailed and general instructions are received for new or difficult assignments, permitting considerable leeway for planning the technical details. The work is reviewed by immediate observation, by checking completed work, or by periodic checks. Immediate supervision may be exercised over the work of subordinates. The incumbent does related work as required.

**TYPICAL WORK ACTIVITIES:** (Illustrative only)

Performs a wide variety of repairs to pumps, mechanical screens, grit removal equipment, industrial piping systems, sludge and grit conveyors, aerators, clarifiers, belt filter presses, chemical feed systems, chemical handling and odor abatement equipment;

Supervises and assists in the repair, overhaul, and maintenance of all pumps, process equipment systems, building equipment, power transmission devices at the plant and pumping stations, including pneumatic and hydraulic equipment;

Constructs, repairs, installs, replaces and modifies devices, mechanical systems and process equipment, valves, and piping based on drawings or sketches;

Constructs and repairs a variety of industrial piping systems;

Operates washers, sandblasters, vacuum cleaners, and other maintenance equipment, cleans and flushes drains and pipes, and performs inspections and preventative maintenance on all mechanical, hydraulic, and pneumatic equipment;

Performs unplugging and flushing of equipment and tanks;

Lubricates and cleans all plant and pump station equipment;

Prepares and works with mixed concrete;

Shovels and removes snow from sidewalk, roads, and walkways and performs summer ground maintenance work; i.e., cuts grass, shrubs, etc;

Replaces defective fuses and light bulbs;

Performs general building and cleaning tasks;

Prepares plant equipment and buildings for painting;

Performs general custodial duties;

Works in sewer collection systems;

Erects and uses ladders and scaffolding equipment;

Receives, inspects, verifies, records, and stores parts and supplies, and participates in maintaining adequate inventories;

Views computerized maintenance programs to determine and track maintenance activities.

## Wastewater Treatment Plant Maintenance Worker II

### **FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES & PERSONAL CHARACTERISTICS:**

Good knowledge of the operation and maintenance of pumps and other mechanical equipment;  
Good knowledge of common practices, tools, terminology, and safety precautions of two or more of the mechanical trades;  
Ability to work from plans, specifications, and rough sketches and to follow oral and written instructions;  
Ability to get along well with others;  
Ability to use computerized maintenance programs;  
Mechanical aptitude;  
Manual dexterity;  
Sound judgment.

**MINIMUM QUALIFICATIONS:** Graduation from high school or possession of a high school equivalency diploma and three (3) years of experience as a Wastewater Treatment Plant Maintenance Worker I or as a skilled worker in one of the mechanical trades.

**SPECIAL REQUIREMENT:** Possession of an appropriate level New York State Driver's License at time of appointment.