

## Slippery Rock Municipal Authority

### WATER TREATMENT PLANT OPERATOR II

#### JOB DESCRIPTION

**Classification Responsibilities:** The Water Plant Operator II is responsible for assisting the foreman in the Operation and Maintenance of the Authority's Water treatment facilities which includes all activities related to the installation, inspection, repair, and maintenance of the Water treatment plants. Duties include but not limited to: laboratory testing, planning, organizing, coordinating, staffing, and directing of the water treatment plants. The Operator II is responsible for providing the Foreman and General Manager with all pertinent information related to emergency water or water problems, issues, and outages. The employee in this class must be on call on a 24-hour basis to cover emergency situations and available to work weekend and holiday rotations. This position is given considerable latitude for independent judgment and decision-making in order to ensure compliance with federal and state drinking water standards. The employee must be able to fill in and perform all duties of the foreman in his/her absence. The employee is responsible for maintaining a safe working environment which complies with federal and state guidelines.

#### QUALIFICATIONS

**Employee Values:** All employees of Slippery Rock Municipal Authority are expected to uphold and exhibit the Authority's shared employee values of Knowledge, Respect, and Integrity. **Minimum Qualifications Required.** Any combination of training, education, and experience equivalent to three or more years in the planning, operation, and maintenance of a water treatment facility.

**Special Requirements:** Must possess Class A or B operator's license with 6(membrane filtration), 7(corrosion control and sequestering), 8(Chemical addition), 9(Ion exchange and green sand), 10(Aeration and Activated Carbon Adsorption), 11(Gaseous Chlorination Disinfection) endorsement for drinking water from Pennsylvania Department of Environmental Protection. Must possess valid Pennsylvania Motor Vehicle Operator's license and be insurable.

#### ESSENTIAL FUNCTIONS

**Communication:** Communicates with contractors, developers, and the public in order to disseminate information regarding the water treatment plant and resolve related problems and provides project status and updates to the Foreman. Communicates with the Foreman and General Manager in order to prevent, resolve, or minimize the impact of utility problems.

**Manual/Physical:** Operates a motor vehicle requiring a standard Pennsylvania Driver's License to attend meetings or to perform inspections of treatment facilities, work crews and equipment. Observes, inspects, and monitors crew and work being performed to determine compliance with prescribed operating and safety standards and industry standards for operations and maintenance.

Physical: The physical requirements described below must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be requested pursuant to law by individuals with disabilities.

- Corrected vision in order to make visual observations of computer screens, pump stations, grounds and equipment.
- Repetitive bending, twisting, standing, sitting, reaching, walking, stooping, kneeling, crouching and crawling.
- Ability to receive detailed information through oral and written communication and to make fine distinctions in sound, such as when making adjustments on equipment.
- Significant physical labor with lifting up to 75 pounds.
- Ability to convey detailed instructions accurately, loudly, and quickly to other workers when working near machinery.
- Ascending or descending ladders, stairs, and ramps requiring the use of feet, legs, hands and arms up to three (3) stories in height (30').
- Ability to work in confined spaces.
- Ability to work in extreme weather conditions.

Mental: Comprehends and makes inferences from written material in order to analyze data, produce documents and makes operational decisions. Prioritizes and receives instructions from the foreman. Develop and update of water treatment plant maintenance management system including but not limited to; meters, pumps, computer systems, chemical feed systems and tanks. Analyzes utility problems and determines corrective actions. Learns job related material through hands on training and in a classroom setting. Analyzes data in order to make recommendations to foreman and management regarding projects for repair and replacement, staffing, and budget. Participates in the long-range planning and design water infrastructure replacement and maintenance projects. Coordinates and performs work activities and program functions with other Authority departments. Performs mathematical calculations.

#### Knowledge and Abilities

Knowledge of: engineering related principles and practices applicable to water. Water Treatment systems; Principles, materials, methods, and techniques used in the repair and maintenance of water lines; Safety methods and procedures used in water distribution system work; Pumping stations, metering, and sampling stations.

Ability to: be tactful with the general public and utility customers; Learn the rules and regulations of Slippery Rock Municipal authority; Compliance with water distribution standards and specifications; Interpret project plans, blueprints, and diagrams to determine equipment, materials, and supplies needed to complete project. Understand and established procedures for installing, maintaining, and repairing water treatment facilities.

Water Treatment Plant Operator II duties listed above is intended only as general illustrations of the various types of work that may be performed. Specific statements of duties not included does not exclude them from the position if the work is similar, related, or a logical assignment to the position. Job descriptions are subject to change by the Authority as needed.