

# *Lower Bucks County Joint Municipal Authority*

## **WATER TREATMENT PLANT**

### **OPERATOR**

#### **JOB DESCRIPTION**

Responsible for the operation of all plant processes. Responsible to follow all safety procedures. This position comes under the direction of the Water Treatment Plant Superintendent and/or Assistant Plant Superintendent. Reports to Plant Superintendent and/or Assistant Plant Superintendent. Maintains effective communication and working relationship with all other employees.

#### **Duties Include but are not limited to:**

- Operates treatment facilities to control flow and processing of water and sludge.
- Makes recommendations to Plant Superintendent and/or Assistant Superintendent regarding plant performance and operations.
- Monitors gauges, meters, and control panels.
- Observes variations in operating conditions and interprets meter and gauge readings and test results to determine processing requirements.
- Operates valves and gates either manually or by remote control; starts and stops pumps, engines, and generators to control and adjust flow and treatment processes.
- Determines site and causes of any operation malfunctions and rectifies where possible or presents for maintenance scheduling upon approval of the Superintendent and/or Assistant Superintendent.
- Maintains and evaluates operating records and shift logs.
- Follows written standard operating procedures (SOPs) for all areas of operation including seasonal changes and emergency procedures under the supervision of the Plant Superintendent and/or Assistant Superintendent.

- Collects samples and performs process laboratory testing as required.
- Performs various housekeeping functions such as miscellaneous cleaning, painting and general equipment maintenance.
- Performs other duties as assigned by supervisors.

## **QUALIFICATIONS PROFILE**

### **Formal Education**

High School graduate or equivalent training and experience.

### **General Requirements:**

- Knowledge of processes and equipment involved in water treatment.
- Ability to react promptly and efficiently in emergencies.
- Ability to perform all required duties.
- Ability to maintain and evaluate records.
- Ability to adjust to situations involving evaluation of information against measurable criteria.
- Ability to maintain working relationship with other shift workers.

## **General Educational Development**

### **Reasoning**

- Apply knowledge of water treatment to solve practical problems.
- Interpret a variety of written and oral instructions.

### **Mathematical**

- Perform arithmetical procedures in standard, practical applications.

**Language**

- Establish and maintain communications with superiors and other shift workers.
- Ability to comprehend oral and written instructions, record information, and request supplies and work materials orally and in writing.
- Assist in preparation of various operating reports as required.

**Specific Vocational Preparation**

- On-the-job training from date of employment.
- Completion of an operator training course.
- Previous experience in water treatment maintenance desirable.
- Must possess a valid driver's license at all times.
- Pennsylvania Operator's Certification desirable.

**Aptitudes**

- Above average intelligence and numerical abilities.
- Average perception, coordination, and dexterity.

**Physical Demands - Medium to heavy work**

- Climbing, balancing, stooping, kneeling, crouching, reaching, handling, talking, hearing, visual acuity, depth perception and color vision.

**Working Conditions – Both inside and outside.**

Exposure to weather, fumes, odors, dust, and risk of bodily injury.  
Possible exposure to toxic conditions.