

## **TOWN OF YORKTOWN, INDIANA**

**Position:** Electrician/Wastewater Treatment Plant Operator – Wastewater Department

**Description:** Under general supervision; perform various skilled tasks such as electrical/mechanical, plumbing, and manual labor tasks associated with the operation and maintenance of a wastewater treatment plant and splash pad.

### **Examples of Essential Functions:**

Essential functions may include, but are not limited to, the following:

- Operates and maintains pumps, pipes, and valves to move wastewater through the various treatment processes.
- Checks a variety of meters and gauges to ensure plant equipment is working properly. Also, checks pumps, motors, blowers, pressure and vacuum gauges, timers, air and water lines for proper lubrication and operation. Makes necessary adjustments.
- Takes readings and records a variety of information including pump running times, wet well levels, pump efficiencies, raw sewage and return sludge flow readings, sludge blanket readings, and generator gauges. Maintains daily log of all plant activities.
- Cleans and maintains plant equipment and property which includes such tasks as replace worn equipment, painting equipment, cleaning interior pump components, cleaning work areas, bar screen, and grit chambers. Also responsible for exterior yard work where appropriate. Makes minor equipment repairs and reports damage requiring major repairs.
- Continually observes all equipment for mechanical operation.
- Will require coordination of work with other skilled and unskilled workers in the operation, maintenance, and minor repair of the WWTP equipment.
- Perform inspection of industries, businesses, and residential homes.
- Performs occasional laboratory tests including, but not limited to: dissolved oxygen, BOD<sub>5</sub>, pH, total suspended solids, settleable solids, and Cl<sub>2</sub> residual. Also, responsible for proper calibration of laboratory equipment. Makes any adjustment in plant processes dictated by laboratory results.
- Help facilitate the start-up, maintain safe operational status, and subsequent decommissioning for winter of the Town's splash pad water feature.

### **Knowledge, Skills, and Abilities:**

- Principles of electricity and ability to wire various motors and pumps.
- Requires extensive knowledge of and the ability to operate and maintain all equipment used in a WWTP.
- Requires extensive knowledge of the use of equipment necessary in testing and reporting the efficiency and safety of the WWTP.
- Requires the ability to read a variety of meters and gauges to make adjustments when necessary.
- Requires the ability to make minor repairs to electrical and plumbing fixtures.

- Requires the ability to direct and coordinate the work of others in the operation of a WWTP.
- Requires the ability to operate a diesel tractor, 1 ton dually truck, and telehandler.
- Requires the ability to perform and interpret a variety of laboratory tests and to adjust equipment as necessary.

**Physical Characteristics:**

Vision sufficient to read instruments and equipment specifications; sense of smell sufficient to smell odors associated with wastewater hazards; hearing sufficient to hear verbal instructions and normal conversation; mobility to walk, sit, climb, balance, stoop, kneel, crouch or crawl; dexterity sufficient to operate manual and power tools, light and heavy duty equipment, and other equipment utilized in the course of work; strength sufficient to lift and move heavy items weighing up to 50 pounds on a frequent basis and occasionally lift up to 100 pounds; endurance sufficient to maintain efficiency on the job and stand for extended periods of time.

**Working Environment:**

Primary work environment is outdoors in a wide range of weather conditions with temperatures ranging from 20 degrees below to 100 degrees above. Employees are exposed to loud engine noises, dust, vibrations, unpleasant sewage, and chemicals used in treatment. All PPE will be provided in these instances.

Employees will be required to work during evenings, weekends, and holidays on a call-out basis. The on-call schedule is a four-week rotation from Monday to Monday.

**Licenses:**

Must possess an appropriate Indiana Driver's License at the time of appointment. Must maintain a satisfactory driving record. Must possess or be able to obtain Class 1 Wastewater Operator license within one year of hire date. If a Wastewater License is not already obtained, an Electrician's License from an Indiana county is preferred.

**Compensation:**

The Town of Yorktown provides a comprehensive insurance and wellness package. Ample vacation time that increases with years of service. A yearly clothing allowance and longevity pay. The pay range for this position is \$21.00 - \$25.00 per hour.