

**Job title:** Operator III – Sewer Department

**Work Site:** Wastewater Treatment Plant (2 S Hanna Street)

**Work Hours:** Employee will be engaged in a seven (7) day operation, and the work week will consist of any ten (10) days within a consecutive fourteen (14) calendar day period

**Salary / Benefits:** \$18.62 per hour

**Supervisor:** Sewer Superintendent/Chief Operator who reports to the City Manager

**JOB DEFINITION:** This is skilled work in the operation of the wastewater treatment plant using Sequencing Batch Reactors (SBR) to treat sanitary sewer and hauled sewage wastewater from anaerobic digesters using both manual and Supervisory Control And Data Acquisition (SCADA) controls, as well as the operation of supporting infrastructure including raw sewage pumps, heaters, compressors, blowers and tanks under the direction of the Superintendent or Chief Operator.

**DISTINGUISHING FEATURES OF THE WORK:** Orders, assignments, directions, instructions, and supervision are received from the Superintendent or Chief Operator. As the operator of one shift is relieved by another, any special instructions are conveyed through a written shift report. Operators follow specific procedures for routine process monitoring and maintenance as well as perform process control testing and make process adjustments according to interpretation of results.

**EXAMPLES OF WORK PERFORMED:** Operates on an assigned shift a wide range of sewage treatment equipment such as raw sewage pumps, heaters, compressors, centrifuges, and blowers. Collects process monitoring information such as flow, temperature, power and water use. Does routine testing including tests for settling/mixed liquor suspended solids, pH, turbidity, dissolved oxygen (DO), alkalinity, chemical oxygen demand (COD), waste activated sludge (WAS), volatile suspended solids required for plant process control and industrial monitoring to allow for timely process control decisions to be made. Enters monitoring and process control data into computer data files. All operators are required to perform secondary duties such as cleaning, assisting maintenance personnel, and property maintenance as required or assigned by the Superintendent.

**REQUIREMENTS OF WORK:** Requires understanding of SBR treatment processes SCADA controls. Must know piping sufficiently to allow for manipulation of waste streams required for normal operation.

- Ability to learn the methods, practices, procedures, and techniques used in the operation and routine maintenance of specific type treatment plant equipment
- Sufficient physical strength and freedom from disabling defects to perform assigned tasks.
- Ability to supervise other personnel that may be assigned to assist on an as-need basis.
- Ability to work outdoors in adverse weather conditions.
- Will be assigned to other departments as schedule allows or need arises.
- Willingness to work flexible hours, including second or third shift. Employee may be assigned to semi permanent evening or night shift duties.
- Willingness to accept call outs and overtime when required.
- Ability to perform heavy manual tasks for extended periods of time; Ability to work safely; Ability to communicate effectively verbally and in writing; Ability to establish and maintain effective working relationships with employees, other departments and the public.

**SPECIAL REQUIREMENTS:**

- High school graduate with a preference for a degree or coursework in the operation of water and wastewater systems
- Must possess a valid Pennsylvania driver's license
- Ability to become a certified Treatment Plant Operator by the PA Department of Environmental Protection (DEP) within one (1) year of eligibility for certification.
- General electrical and mechanical knowledge helpful.
- Ability to work in a confined space environment.

**PHYSICAL DEMANDS:** The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to use hands to finger, handle, feel or operate objects, tools, or controls and reach with hands and arms. The employee frequently is required to stand and talk or hear. The employee is occasionally required to walk; sit; climb or balance; stoop, kneel, crouch, or crawl; and smell. During extreme situations, may be required to operate equipment for total period of up to 12 hours per shift and must be able to sit in the operator's station continually for four (4) hours at a time without breaks.

The employee must be physically agile and able to climb steps, ladders, and manhole steps to access above or below ground chambers as much as forty (40) feet in depth while wearing confined space protective equipment.

The employee must be able to operate a mobile (vehicle mounted) radio and portable radio for safe operations and for effective communications with all personnel.

The employee must frequently lift and/or move up to 50 pounds and occasionally lift and/or move up to 100 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

**WORK ENVIRONMENT:** The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee regularly works in unheated inside and outside weather conditions. The employee frequently works near moving mechanical parts and is frequently exposed to wet and/or humid conditions and vibration. The employee occasionally works in high, precarious places and is occasionally exposed to fumes or airborne particles, toxic or caustic chemicals, and risk of electrical shock, and will be required to work in below ground vaults, chambers, and manholes. The noise level in the work environment is usually loud.

This position requires the employee to be exposed on a regular basis to raw sewage and industrial wastes carried by the municipal sewer system.

The noise level in the work environment is usually loud.

**NOTE:** The above statements are intended to describe the general nature and level of work being performed by the person hired for this position. They are not intended to be construed as an exhaustive list of all responsibilities, duties, and skills required to perform the job.