



Water Plant Operator

General Summary

Under the general supervision of a Water Superintendent or their designee, performs a wide variety of City services as assigned. Responsible for protecting and preserving the assets of the City of Mt. Pleasant and its citizens.

Essential Job Functions

Installs, operates, maintains, and repairs any materials and equipment, including electrical and mechanical equipment, within the public utilities water treatment plant and distribution system.

Maintains and interprets numerous records and performs required Michigan Department of Environment, Great Lakes, and Energy (EGLE) laboratory testing related to operation of the water treatment plant and distribution system.

Operates computers utilized by the Water Department.

Completes state, local and federally mandated public utility inspections and prepares written reports as required.

Responds to citizen requests, including leading group tours through the plant, explaining operations, and answering questions.

Working as a shift team leader, responsible for independently arranging, prioritizing, supervising, performing, and training others to perform assignments.

Performs related work as requested.

Note: All functions are considered essential

Minimum Requirements

Education:

High school diploma or equivalent and demonstrated mechanical skills, not limited to automotive, electrical, or machinery, such as pumps, hydraulics, or shaft-driven equipment necessary. Formal training in water treatment and experience in the operation and maintenance of a similar water treatment system desirable. Computer skills and an aptitude for math, science, and chemistry.

Working towards obtaining State of Michigan EGLE F-3, F-2, and F-1 Waterworks System Operator certifications desirable.

Possession of a State of Michigan EGLE F-4 Waterworks System Operator certification within two testing cycles to remain employed.

Skilled In:

The proper and efficient use of standard water system equipment, methods, and terminology.

Ability To:

Establish and maintain positive working relationships with the public and other employees and effectively understand, follow, and give oral and written instructions.

Effectively serve, respond to, and communicate with the public on inquiries and concerns related to departmental and general City operations.

Additional Requirements:

Valid Michigan Operator's license and a safe driving record.

Possession of necessary physical capabilities to safely perform the duties.

Physical and Mental Demands and Work Environment

The physical and mental 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 stand; use hands to handle, feel; reach with hands and arms; talk, hear, and drive vehicles. The employee frequently is required to walk; climb or balance; stoop, kneel, crouch, or crawl; shovel and smell. The employee must occasionally lift and/or move up to 75 pounds. The employee is occasionally required to work in confined spaces. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus. Must be able to read, write, analyze, reason, supervise, comprehend, evaluate, organize, effectively communicate, and handle the mental stress associated with the demands of the position.

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 is regularly exposed to moving mechanical parts and outside weather conditions. The employee is frequently exposed to fumes, extreme cold, extreme heat, and vibration. The employee is frequently involved in various construction activities using a variety of tools and equipment. The noise level in the work environment is usually moderate to loud. In determining whether tasks are essential, the shift must be taken into consideration.

Job Title	Job Code	FLSA Status
Water Plant Operator	WPO010	Hourly
Employee Group	Reports to	Direct Reports
TPOAM	Water Plant Superintendent	N/A