



CITY OF MT. PLEASANT WATER RESOURCE RECOVERY FACILITY (WRRF) OPERATOR

GENERAL SUMMARY:

Under general supervision of a Water Resource Recovery Facility (WRRF) superintendent or an employee of a higher classification, 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.

TYPICAL DUTIES: (By illustration and not limitation)

- Installs, operates, maintains and repairs all materials and equipment, including electrical and mechanical equipment, within the water resource recovery facility (WRRF) and the collection system.
- Maintains and interprets numerous records, collects samples and performs required laboratory testing related to the collection system and WRRF operation. Operates computer programs utilized by the WRRF department.
- Works with various City departments and staff on projects and problem-solving
- Completes state, local and federally mandated industrial user inspections and prepares written reports as required.
- Responds to citizen requests, including leading group tours through the WRRF, 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.

MINIMUM REQUIREMENTS:

- High school diploma and demonstrated mechanical skills, not limited to automotive, electrical, pumps, hydraulics, blowers, compressors, plumbing, HVAC, control systems, and/or other related rotating and reciprocating equipment. Formal training in WRRF, science, engineering, laboratory analysis, or related field and experience in the operation and maintenance of a similar WRRF desirable. Computer skills and an aptitude for science/chemistry preferred. Experience with Microsoft Office Suite (specifically Word and Excel) desirable.
- Valid Michigan Driver's license and a safe driving record.

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- Possession of necessary physical capabilities to safely perform the duties.
- Demonstrated proficiency in the proper and efficient use of standard WRRF system equipment, methods and terminology.
- Ability to effectively serve, respond to and communicate with the public on inquiries and concerns related to departmental and general operations.
- Working towards obtaining State of Michigan Environment, Great Lakes, and Energy (EGLE) “C,” “B” and “A” certifications in the WRRF field desirable.
- Possession of a valid EGLE Class “D” Operator’s Certificate following first eligible EGLE test cycle to remain employed.

PHYSICAL AND MENTAL DEMANDS:

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; and talk or 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 and at high heights. 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.

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 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 including safety harnesses, ladders, and scaffolding. The employee will work in areas that require respiratory protection such as full face respirators for extended periods of time. 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. The employee will work with laboratory chemicals and equipment and collect and process treatment samples.

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All of the above are essential functions of the job.

Origination date: 6-78

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