



Senior water plant operator

Nature of Work:

Responsible for performing various tasks associated with the operation and maintenance of the Water Treatment Plant and water distribution system.

Supervision Exercised/Received:

Works under the direct supervision of the Utilities Director.

Employment Schedule:

Monday- Thursday 6:00am-4:30pm

Rotating on-call schedule every fifth weekend

Emergency after hour call in for snow removal, resident issues, water system issues

Examples of Work Performed:

Please note this job description is intended to describe the general nature and level of work performed in this job. It is not intended to provide an exhaustive list of all skills required in this job, nor is it intended to limit the authority of the Utilities Director to assign or direct the activities of employees under their direction. Duties, responsibilities, and activities may change, or new requirements may be assigned, at any time, with or without notice.

Plant Operations

- Operate and monitor treatment processes including wells, pumps, chemical feed systems, filtration, and disinfection
- Perform routine lab sampling and testing (chlorine residual, turbidity, pH, etc.)
- Adjust chemical dosages and system controls to maintain compliance and efficiency
- Maintain accurate operational logs and reports

Distribution System Oversight (D2)

- Monitor system pressures, storage tanks, and distribution flows
- Coordinate flushing programs, valve exercising, and hydrant maintenance
- Assist in leak detection and repair coordination
- Respond to main breaks and emergency system issues

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Regulatory Compliance

- Ensure compliance with Safe Drinking Water Act requirements
- Prepare and submit monthly and annual reports to EGLE
- Maintain sampling schedules and documentation for audits and inspections
- Participate in sanitary surveys and corrective actions

Maintenance & Troubleshooting

- Perform preventative maintenance on pumps, motors, and treatment equipment
- Troubleshoot SCADA systems and mechanical/electrical issues
- Coordinate with contractors for specialized repairs

Desired Knowledge, Skills and Abilities

- Comprehensive understanding of all components of a municipal water system and the operation thereof.
- General knowledge of pumps, motors and filter systems.
- Ability to use computers and working knowledge of Microsoft Office Suite.
- Ability to work independently.
- Ability to comprehend blueprints.
- Ability to establish and maintain effective working relations with supervisors, peers and citizens.

Minimum Qualifications:

High School Diploma or G.E.D

4 years of municipal water experience.

Valid Michigan Driver's License and CDL B with air brake endorsement.

D-2 Michigan Water License

Working conditions:

General working conditions are outside. Employees must be willing to work in all weather conditions, including adverse weather conditions.

Physical Requirements

- Ability to operate equipment involved in everyday working conditions
- Ability to lift and carry 50 lbs.

Ability and working knowledge of how to use hand tools.

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