

## Senior Water Treatment Plant Operator

**Applications are required for consideration for this position.** Resume submission alone is not an application for a position. An individual must complete our standard application form and provide proof of certificates and licenses required for the posted position.

There is one (1) opening for a Senior Treatment Plant Operator at Genesee County Water and Waste Services, in Columbiaville, MI. General statement of duties: Monitors and maintains water treatment plant and raw water pumping operations by collecting and analyzing water samples and data, performing operational checks and adjusting water treatment processes to respond to changing water quality conditions, servicing and maintaining equipment, operates chemical feed equipment and tanks, washes filters. Provides training to new employees as directed by Supervision or Management.

**Applicants must meet the following minimum qualifications to be considered for an interview:**

- Graduation from a high school or equivalent G.E.D.
- Twelve (12) credits of college level chemistry and biology and four (4) credits of college level algebra or equivalent as approved by the Division.
- Minimum of one year experience working as a water treatment plant operator in a similar plant.
- Must have a valid Michigan driver's license and qualify to drive a Division vehicle in compliance with the Division Driver Policy.
- Must have and maintain a valid Michigan "F3" Water Filtration certification, or equivalent from another state.
- Must be able to lift a minimum of seventy-five (75) pounds.
- Must have color vision.
- Must be able to work in confined spaces and outdoors under varying climatic conditions.
- Must be able to work various shifts, irregular hours, including holidays and weekends (please refer to the Senior Treatment Plant Operator language per Bargaining Unit Agreement Article 19, Hours of Work and Premium Hours).

Wage Table: 2019

JOB TITLE	START	6 months	1 Year	2 Years	3 Years	4 Years	5 Years	7 Years	12 Years	17 Years
SR TPO	\$26.35	\$27.35	\$27.85	\$28.35	\$28.85	\$29.35	\$30.35	\$31.10	\$31.86	\$32.86

Applications are mailed to:  
Genesee County Water and Waste Services, Attn: HR, G-4610 Beecher Rd, Flint, MI 48532  
Applications can be e-mailed to: [hr@gcdcwws.com](mailto:hr@gcdcwws.com)  
**Position open until filled**

**Applications must either accompany or follow resume submission  
NO PHONE CALLS. EEO.**



# SENIOR TREATMENT PLANT OPERATOR - WATER

## MINIMUM QUALIFICATIONS

- Graduation from a high school or equivalent G.E.D.
- Twelve (12) credits of college level chemistry and biology and four (4) credits of college level algebra or equivalent as approved by the Division.
- Minimum of one year experience working as a water treatment plant operator in a similar plant.
- Must have a valid Michigan driver's license and qualify to drive a Division vehicle in compliance with the Division Driver Policy.
- Must have and maintain a valid Michigan "F3" Water Filtration certification, or equivalent from another state.
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- Must be able to work various shifts, irregular hours, including holidays and weekends (please refer to the Senior Treatment Plant Operator language per Bargaining Unit Agreement Article 19, Hours of Work and Premium Hours).

## GENERAL STATEMENT OF DUTIES

Monitors and maintains water treatment plant and raw water pumping operations by collecting and analyzing water samples and data, performing operational checks and adjusting water treatment processes to respond to changing water quality conditions, servicing and maintaining equipment, operates chemical feed equipment and tanks, washes filters. Provides training to new employees as directed by Supervision or Management.

## STATEMENT OF TASKS

- Collects water samples, performs chemical analysis and bacteriological tests, recording results and maintaining accurate records and reports.
- Collects readings on chemical feeders and storage tanks, calculates chemical doses and adjust feed rates as necessary according to set guidelines or changing water conditions.
- Monitors the operation of the treatment plant, raw pumping facilities, distribution system, and security cameras using the WTP computers. Regulates the flow to maintain proper levels in tanks, the impoundment, and covered water reservoir.
- Monitors filter operation and backwashes rapid sand filters. Monitors clarifier sludge levels, operates sludge pumps as necessary.
- Ensures that chemical feed and other treatment plant equipment is operating properly, and that sufficient chemical volumes are maintained.
- As needed patrols the plant grounds checking chlorine building, impoundment and underdrain pumps, backwash ponds, electrical substation, detention and drainage basins.
- Checks pumps, treatment equipment drives, filters, blowers, compressors, chemical feed and mixing units, including storage, handling, installation, and feed rates for all treatment chemicals, and all other treatment plant equipment and processes.
- In coordination with TP Operator II, TP Operator Assistant or maintenance staff, performs calibration checks on chemical feed equipment and records data.
- Coordinates activities with the TP Operator II or TP Operator Assistant to ensure that all work is completed and the WTP operates efficiently.
- Assists maintenance personnel and Instrument Technicians as needed or assigned.



# SENIOR TREATMENT PLANT OPERATOR - WATER

## STATEMENT OF TASKS

- Performs minor maintenance, checks oil levels, greases equipment, painting and other maintenance as assigned.
- Performs housekeeping duties: sweeping, mopping, cleaning, and garbage disposal, as assigned.
- Routinely cleans and maintains equipment, equipment areas, treatment and filtration areas, 2<sup>nd</sup> level areas and laboratory.
- Troubleshoots operational problems.
- Operates electric and pneumatic power and hand tools.
- Performs snow removal, by shoveling, snow blowing, plowing, and spreading salt.
- Ability to work alone and with minimum supervision in a responsible manner to assure the operation of the treatment plant.
- Performs any other work related to the classification.

## KNOWLEDGE, SKILLS, AND ABILITIES

- Comprehensive knowledge and understanding of water treatment processes.
- Knowledge of basic math, chemistry and bacteriology.
- Knowledge of computer systems and relevant software
- Ability to prepare reports and records.
- Ability to understand and carry out oral and written instructions.
- Ability to communicate efficiently both orally and in writing.
- Ability to establish and maintain effective working relationships with co-workers.
- Ability to operate electric and pneumatic power and hand tools.
- Knowledge of standard safety practices, and mandatory safety regulations
- Must be able to pass a written exam

Job Code	Job Number	FLSA Status	Workers Comp	Wage Level	U/NU	Revised
STPOW	TBD	Non-Exempt - Hourly	8810	U-9	U	10.11.2016