



JOB POSTING

DETROIT WATER AND SEWERAGE DEPARTMENT

735 Randolph – Suite 2000
DETROIT, MI 48226

Please read entire document before starting your application

Job Category: Wastewater Treatment Plant
Title: Plant Technician
Minimum Salary: \$32,412
Open/Close: Open - Until Filled

Recruitment Unit: Wastewater Treatment Plant
Job Code: 74
Maximum Salary: \$68,200
Vacancies: To Establish a List

General Summary: The Plant Technician performs duties in wastewater treatment operations including but not limited to process operation and analysis, equipment maintenance, and process sampling and analysis. Work is performed in a team environment.

ESSENTIAL REQUIREMENTS:

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

- Require the ability to climb, bend, twist, carry, stack, dig, shovel, hit, push, pull and other efforts requiring considerable physical strength
- Ability to lift a minimum of fifty (50) pounds, walk, stand, or work for long periods of time, demonstrate normal color perception, hear audible alarms, detect abnormal equipment sounds, visually inspect equipment and processes at any time of the day or night
- Employees will be required to wear respiratory protection and other personal protective equipment
- Perform scaffold, confined space, elevated and underground work
- Pass a bio-mechanical physical and vision test, yearly baseline physical and fit test for respirator/Self Contained Breathing Apparatus
- Regularly required to use hands to handle, feel or operate equipment

JOB DUTIES:

- Operate basic wastewater treatment plant equipment and processes to continually monitor plant-wide operations
- Take equipment and process readings at various locations throughout the plant
- Load and unload chemicals, polymers, and other materials manually and using motorized equipment
- Collect and perform tests on water and sludge samples
- Perform maintenance and troubleshoot equipment on wastewater treatment equipment
- Maintain various records and prepare reports
- Perform shift work which includes all day, afternoon, night, weekend and holiday assignments
- Drive a motor vehicle on all terrain
- Regularly inspect the working condition and maintain the cleanliness of equipment and surrounding areas
- Clean light fixtures and replace lamps and bulbs
- Communicate problems to team leader or members
- Assist with clearing snow in emergency situations
- Conduct plant tours and deliver other presentations as needed
- Perform related work duties as assigned



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ENVIRONMENTAL WORKING REQUIREMENTS:

- Ability to work in all conditions involving exposure to outside elements and seasonal weather
- Perform work in a plant environment, near open water, systems with hazardous chemicals that are acidic, highly corrosive, heat producing and potentially explosive, typically used in wastewater treatment; work in confined spaces, hazardous areas that require respiratory protection and personal protective equipment (PPE), and under slippery and wet conditions

KNOWLEDGE OF:

- Occupational hazards and safety precautions of facility operation maintenance and repair.
- Methods, tools and materials used in the diagnosis, repair and maintenance of wastewater plant equipment
- Equipment, operations, practices and safety precautions relevant to the treatment and disposal of wastewater
- Proper wastewater plumbing methods and techniques, working knowledge of light and some heavy equipment operating principles, practices and procedures of the hazards and safety precautions common to DWSD
- Minor equipment maintenance and repair functions
- National Pollutant Discharge Elimination Systems (NPDES) permit requirements

SKILL TO:

- Perform equipment adjustment and alignments
- Understand assets, criticality and failure modes
- Use basic technology
- Use computers to monitor automated control systems, query and generate work orders, and to maintain various databases and automated records

ABILITY TO:

- Maintain regular and reliable attendance
- Communicate frequently with team members and other units across the Department about processes, equipment or potential problems
- Perform sampling and basic testing and analysis for process needs
- Handle valve and piping replacement and repairs
- Effectively utilize appropriate safety equipment and procedures
- Drain cleaning, snaking, and process pipe cleaning
- Direct team activities or to work as a team member
- Understand and follow verbal and written instructions
- Communicate effectively, both verbally and in writing
- Establish and maintain effective working relationships with others
- Communicate frequently with team members and other units across the Department about processes, equipment or potential problems
- Develop proficiency in unit specific operations and software

REQUIRED EDUCATION AND EXPERIENCE:

- High School Diploma or GED
- One year of general laboring, treatment plant operations, mechanical maintenance and repair, facilities maintenance or electrical repair work or equivalent training in a related field
- Municipal Wastewater Treatment Plant Operator D Certification within three (3) years of Level 1 designation



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OTHER REQUIREMENTS:

- Valid Michigan Driver's License
- Ability to work irregular hours, to commute to DWSD facilities and work sites, and respond to after hour emergencies and on-call responses

Comments

The City of Detroit Water and Sewerage Department is an Equal Opportunity Employer

Please Note: Employment with the City of Detroit Water and Sewerage Department has been set apart from the established employment processes of the City of Detroit.

THE WAY WE WORK

The Employees of DWSD....

- Work and accept responsibility to search for, create and execute new and innovative approaches to improve the performance of DWSD's services and objectives
- Assist external and internal customers to serve their needs and take responsibility for continuously improving customer service
- Foster meaningful interaction among people through the exchange of information to produce understanding
- Continuously develop and use effective strategies and interpersonal styles to engage and guide others towards the accomplishment of identified objectives and goals in the best interest of the City and community
- Consistently work toward the common good of the organization and encourage others to do the same
- Conduct themselves at all times in a professionally appropriate and respectful manner
- Apply the proper safety/security practices according to established protocols, guidelines and policies

Please submit an employment application, resume and the accompanying Letter of Interest for this position to:

**Maria A. Young, Human Resources Generalist
Detroit Water & Sewerage Department
735 Randolph, Suite 2001, Detroit, MI 48226**

The Employment Application can be found on DWSD's Website:

http://www.dwsd.org/pages_n/careers.html