

Job Title: Wastewater Treatment Plant Operator Trainee

Job Summary

The Wastewater Treatment Plant Operator Trainee position is an entry-level role responsible for learning the operation and maintenance of wastewater treatment facilities. Under the supervision of experienced operators, the trainee will assist with monitoring plant performance, performing routine maintenance tasks, sampling and testing wastewater, and supporting compliance with all environmental regulations.

This position is ideal for a motivated individual interested in environmental work, process control, and facility operations, with opportunities to progress toward certified operator status.

Key Responsibilities

- **Learn and assist with plant operations** including monitoring inflow, treatment processes, chemical feed systems, aeration equipment, pumps, and related equipment.
- **Monitor and record process parameters** (e.g., pH, dissolved oxygen, turbidity, flow rates, chlorine/chloramine levels where applicable) under guidance.
- **Assist with sampling and testing** wastewater and related samples; help maintain accurate lab and field records.
- **Perform routine facility checks and housekeeping** to ensure clean, safe, and properly functioning work areas.
- **Support maintenance activities** such as cleaning filters, inspecting pumps and motors, checking instrumentation, and assisting with minor repairs.
- **Operate and troubleshoot basic systems** as trained, including valves, pumps, lift stations, and backup power systems.
- **Follow safety procedures** including confined space entry protocols, lockout/tagout (LOTO), ladder/walkway safety, PPE requirements, and chemical handling practices.
- **Maintain compliance documentation** (logs, checklists, sampling forms, work orders) and participate in audits as required.
- **Respond to alarms and operational notifications** according to established procedures, escalating issues to a licensed/experienced operator when needed.
- **Participate in training and certifications** to obtain required operator licenses/credentials.

Required Qualifications

- High school diploma or GED (additional technical education is a plus).
- Ability to work **outdoors and in wet/odor environments**.
- Ability to **lift and carry** supplies/equipment (typical physical requirements may include up to 30–50 lbs depending on site needs).
- Willingness to work **rotating shifts, weekends, and holidays** as required.
- Valid driver's license (or ability to obtain one) and acceptable driving record.
- Basic math and computer literacy (for logs, data entry, and instrument readings).
- Strong commitment to safety and environmental compliance.

Preferred Qualifications

- Coursework or experience in wastewater treatment, biology, chemistry, environmental science, or industrial maintenance.
- Familiarity with pumps, motors, and basic electrical/mechanical systems.
- Experience with water/wastewater systems, lab work, or environmental compliance.

- Any applicable certifications (e.g., entry-level safety training, first aid/CPR, confined space awareness).
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Work Environment

- Wastewater treatment plant setting with exposure to noise, vibration, wastewater/odors, outdoor weather conditions, and industrial equipment.
 - Potential exposure to hazardous materials, bioaerosols, and chemicals—handled using required PPE and safety protocols.
 - Work may involve confined spaces, elevated work areas, and wet/slippery conditions.
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Physical Requirements (Typical)

- Ability to stand/walk for extended periods.
 - Ability to climb stairs/ladders and work at heights as trained.
 - Ability to lift, push, pull, and carry equipment/materials as needed.
 - Ability to wear required PPE and respirators where applicable.
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Training & Career Progression

- Initial onboarding and safety training (including LOTO, confined space awareness where applicable, chemical safety, and site-specific procedures).
 - On-the-job training with certified operators.
 - Path to obtain required wastewater operator license(s) based on local/state/regulatory requirements.
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Education/Training Timeline (Optional—Customize)

- Complete required site and regulatory training within the first **30–90 days**.
 - Progress toward certification/license requirements as defined by local regulations.
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Employment Type

- Full-time (or Part-time—edit as needed)
 - Shift work: Yes (edit based on your facility schedule)
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Equal Opportunity Statement

We are an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.