

City of Berlin

WASTEWATER/Laborer/Wastewater Operator Apprentice

Title Laborer/Wastewater Operator Apprentice

Department(s) Wastewater

Reports to Wastewater Superintendent

Job summary

Laborer will be required to have and maintain a New Hampshire CDL-B driver's license. Laborer will also be required to obtain a New Hampshire Grade I Wastewater (OIT) license within 6 months of hire.

Laborer will be required to learn how to operate the Wastewater Treatment Processes at the Facility to minimize permitted discharges to within the limits of our Discharge Permit; and operate our satellite Pump Stations competently and safely.

Laborer will be required to learn how to operate the equipment that makes the different Processes work: Blowers, Pumps (e.g. Influent, Primary, RAS, WAS, Transfer, Septic, Plant Water, Sump, Dewatering Feed, submersible, Chemical Feed), Clarifiers, Aeration Tanks, Sludge Storage Tanks, Chlorine Contact Tanks, Rotary Drum Thickener, Rotary Screw Press, Polymer make-down systems, Dump Trucks, Programmable-Logic Controllers and other local Controllers, Disinfection and dechlorination Feed systems, Heating Ventilation and Air Conditioning systems, Solids Removal Screens and Presses, Grit Removal equipment and all equipment that supports these systems. Develop the ability to troubleshoot and resolve Problems with these systems.

Laborer will be required to assist Maintenance in the performance of special tasks. Assist the Chemist in sampling, and testing, and learn the Lab routine in general.

Laborer will be required to learn to take a week on-call and perform the required daily Laboratory testing on a rotating basis and when the Chemist is not working.

Laborer will be required to perform tank cleaning, scum removal, grounds keeping, snow removal, and routine housekeeping as required at the Main Plant and all six Pump Stations.

Summary of essential job functions

1. Observe and monitor the performance of all mechanical and rotating equipment, looking for loss of performance or wasted energy or for possible improvements to that process;
2. Continuously monitor the Process, looking to maintain the desired throughput and to achieve good performance to meet Discharge parameters;
3. Keep records in log books and in computers of operating conditions, plant performance, deleterious conditions, problem equipment and keep each other current on others' observations;
4. Calculate Tank capacities and blend ratios when thickening and dewatering Sludge to optimize output;
5. Learn to run each piece of Operating Equipment competently and safely, to achieve desired output;

6. Learn to operate electronic control equipment, using setpoints, feedback and good practical judgment in optimizing;
7. Learn to respect Alarms as an early indication of a problem and how best to resolve the problem;
8. Help with snow removal, grounds keeping, receipt of materials, rigging and safe handling of heavy or cumbersome equipment, and other Operational issues;
9. Take turns for weekend Plant Check and weekly On-Call Duty as scheduled;
10. Take turns driving Sludge Trucks to Landfill and meet all DOT and Landfill requirements;
11. Learn to receive chemicals and unload into prepared areas;
12. Be able to prime centrifugal pumps

Supervision Required

Generally, works under the supervision of the Chief Operator, who will provide support and guidance when requested. Is self-directed and can learn to manage the various processes competently without continuous supervision.

Supervision Exercised

Continuously supervise equipment position is responsible for, that it meets expected performance and does not interrupt the normal flow of that process. Direct Maintenance to equipment and systems that are not meeting expectations; they will manipulate the controls so Maintenance can perform its work safely; determine the effectiveness of the repair, then return the repaired equipment to automatic service when work is done. Keep work areas neat and clear of obstructions or unsafe conditions so they have safe and easy access to all parts of the equipment.

Minimum requirements

- Must obtain a Grade I (OIT) Wastewater License within 6 months of hire.
- Applicants must have a Commercial Driver's License – B (CDL-B) in the State of New Hampshire.

Abilities required

Ability to deal courteously and effectively with the public in person and by phone.

Work is performed both inside and outside in and around wastewater plant and pumping stations. Must be able to communicate effectively with the public, supervisors and with other employees.

Physical Activity Requirements

- Lift up to 10 lbs. frequently
- Carry 11-50 lbs. occasionally
- Reach above shoulder height occasionally
- Reach at shoulder height occasionally
- Reach below shoulder height frequently
- Standing 5-6 hours daily
- Frequent hand manipulation including grasping, handling, writing and typing

Cognitive and Sensory Requirements

- Talking: Necessary for communicating with others.
- Hearing: Necessary for receiving instructions and information.

- Sight: Necessary to perform job effectively.
- Tasting & Smelling: Sense of smell needed for detecting fumes and gases.

Occupational Exposures:

- Odors and fumes, acids and bases, dust and dirt, chemical reagents, pathogens.
- Municipal wastewater and derivatives from the treatment plant process.

Disclaimer

The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel so classified. All personnel may be required to perform duties outside of their normal responsibilities from time to time, as needed.

Additional information

HR use only	
Job code	
Generic title	Laborer/Wastewater Operator Apprentice
Pay grade	\$20.36
Management? (Yes/No)	No
E/NE status	
Last revised	2/19/2019