



Town of Middlebury

Wastewater Treatment Plant Operator III

This position involves the operation and maintenance of a wastewater treatment plant facility and collection system. Work involves monitoring equipment for proper operation and for making operating adjustments. Work also involves performing preventive maintenance, mechanical repairs, and electrical repairs. Work may also extend to performing laboratory analysis necessary to regulate plant operations. In the absence of the Wastewater Superintendent, this position also involves assumption of Wastewater Superintendent duties and responsibilities as directed and assigned. Works directly under supervision of the Wastewater Superintendent.

Work is performed in accordance with established routines, with employees making some field decisions where the decision follows established precedent. Work requires knowledge that can be readily learned on the job. The work of this class involves some actions, the consequences of which improperly performed would cause problems of a safety and economic nature. This work is a lead position where assignment of tasks may periodically be given to other workers. Work does involve some element of personal risk and unpleasant work surroundings.

Certification by the State of Vermont as a Grade III DM operating certificate issued by the Vermont Department of Environmental Conservation must be achieved within 12 months of hire. It is anticipated that this position will be filled in April 2024.

Applications may be obtained on-line at www.townofmiddlebury.org, at the Town Offices, or by calling 458-8001. **Submit applications to Crystal Grant at 77 Main Street or via email at cgrant@townofmiddlebury.org.**

Performs duties and responsibilities as directed and assigned, leading and participating in the supervision of the daily operation of the plant and collection system and the pumping stations and performing various administrative functions as necessary.

May perform standard wastewater laboratory tests such as pH readings, dissolved oxygen readings, biological oxygen demand tests, settleable solid, total solids tests, phosphorus tests, etc.

Ensures that safety procedures are followed according to applicable federal, state and town regulations and policies. Attends training as required and scheduled by supervisor.

Performs related work as required.

Position requires that employee remain reachable by telephone or "beeper" during non-work hours as scheduled by supervisor.

Knowledge, Skills and Abilities Required

Graduation from a standard senior or vocational high school, and five years' utility, public works, or construction experience, preferably involving mechanical maintenance responsibilities and construction equipment operation and preventive maintenance, supplemented by seminars and formal course work in mechanical and electrical operating systems. Preferably with increasing responsible experience in the operation and maintenance of a Wastewater Treatment Plant similar in size and process to Middlebury's facility.

Knowledge of the materials, methods, and practices essential to general mechanical maintenance of pumps, motors, electrical controls, and various process equipment/systems.

Working knowledge of occupational hazards involved in utility construction, pumphouse operations, process equipment, use of hand tools, equipment operation, proper safe handling techniques for bulk chemicals OSHA regulations, protocols, and procedures for ensuring a safe work area and appropriate PPE.

Knowledge of the operation of pumps, motors, electrical and mechanical control mechanisms, and related wastewater plant equipment associated with a SBR and collection system treatment facility.

Knowledge of preventive maintenance procedures for applicable pumps, motors, electrical operations, and related plant equipment.

Ability to keep accurate operating records.

Ability to read plant diagrams, operating manuals, charts and meters, and system maps.

Knowledge of elementary chemistry and bacteriology as applied to the operating principles of a wastewater treatment plant.

Ability to operate a bucket loader.

Ability to establish and maintain effective working relationships with the general public.

Ability to perform hard manual labor, including climbing in and out of SBR units and confined spaces, sometimes under unfavorable weather conditions, including subzero temperatures.

Position requires certification by the State of Vermont as a Grade III DM operating certificate issued by the Vermont Department of Environmental Conservation must be achieved within 12 months of hire.

Equipment Used

Typical construction equipment used in the maintenance and repair of wastewater systems and related infrastructure, including but not limited to rubber tire and track loader, electrical testing equipment, and various hand and power operated tools.

Working Environment and Physical Activities

Frequently requires bending and stooping; work on uneven ground; lifting and carrying of objects up to 50 lbs; use of both feet for repetitive movements such as operating foot controls; and use of both hands for repetitive movements such as grasping of hand controls, handles, tools, etc.; exposure to moving equipment and machinery; working outdoors in all seasons with marked changes in climate conditions; and exposure to dust, fumes and gases

Occasionally requires squatting; climbing stairs/ladders; reaching above the shoulder level; crouching; kneeling; balancing; and carrying and lifting objects up to 70 lbs.

Disclaimer

The information provided in this job description is intended to describe the general nature of this position and is not to be considered a complete statement of duties, responsibilities, and requirements.