

WASTEWATER TREATMENT PLANT

OPERATOR

GENERAL STATEMENT OF DUTIES:

Performs a variety of duties at the Wastewater Treatment Plant and Collection Pumping Stations. The incumbent is guided by assignments from the Wastewater Treatment Plant Chief Operator and Lead Operator and responsible for routine maintenance and repair of machinery, pumps etc.

DISTINGUISHING FEATURES:

This is a highly responsible, technical and complex position. The individual will notify Lead/Chief Operator of the need for emergency and extraordinary conditions pertaining to maintain compliance with the NPDES permit and efficient operation of the facility. The individual must possess a minimum Grade I Wastewater Certification from the State of CT DEEP.

EXAMPLES OF DUTIES TO BE PERFORMED:

1. Perform daily checks of the wastewater treatment process and pump stations. Takes and records various equipment gauges, dials and meters.
2. Works with Lead Operator and Contractors to repair or replace equipment/machinery such that plant effluent quality limits are maintained.
3. Performs laboratory analyses to ensure adequate process control and meet NPDES permit requirements.
4. Operates Sludge handling system
5. Have a working knowledge of the operation, methods and procedures of a wastewater treatment plant.
6. Have a working knowledge of the machinery used for wastewater treatment and pumping stations.
7. Maintains records and logs as required pertinent to operations of treatment facility and pumping stations.
8. Have a thorough knowledge of mechanical equipment and the ability to diagnose and correct equipment malfunction.
9. Have a working knowledge of basic machinery preventive maintenance and repair.
10. Have a basic knowledge of State and Federal rules governing wastewater discharges and worker's safety.
11. Can work with independence and to make routine decisions on the operation of the plant processes and equipment during the Lead/Chief Operator's absence
12. Assists in the implementation of the plant safety program.
13. Initiates requisitions for tools, materials, equipment, and services.

14. May be required to be "on-call" and carry a Facility phone and respond to emergency or abnormal facility situations outside of normal work shift.
15. Performs other duties as assigned.
16. Operates all Plant vehicles as required.

REQUIRED KNOWLEDGE AND SKILLS

1. Knowledge of District policies and procedures.
2. Knowledge of the methods, materials, tools, and equipment used in the operation, maintenance, inspection, repair, and installation of wastewater treatment plant and Collection Pump Stations components.
3. Basic Knowledge of the mechanical, biological, and chemical processes involved in the operation of a wastewater treatment plant.
4. Safety conscious - knowledge of the occupational hazards in wastewater treatment plants and safety measures to be implemented.
5. Ability to work with raw sewage and chemicals using normal protective equipment.
6. Ability to recognize equipment and process problems.
7. Ability to recognize needed repairs.
8. Ability to deal effectively with people at all levels.
9. Ability to read and interpret engineering specifications and drawings pertaining to plant expansions and improvements.
10. Ability to issue oral and written instructions; ability to keep records, reports and logs.
11. Ability to safely use various meters used at the facility.
12. Attend schooling and training courses as provided.
13. Ability to work in a wide variety of weather conditions and exposure to the elements.
14. In good physical condition with ability to lift and move heavy objects (100 lbs.) short distances (100 feet or less).
15. Ability to work in small, cramped spaces and comply with confined space entry.