Town of Farmington

Title: Water Pollution Control Date: January 1996

Plant Operator II

Department: Water Pollution Control Plant EEO: Class 7

GENERAL DESCRIPTION:

This is responsible skilled work in the operation and maintenance of a Class IV wastewater collection and processing facility and related equipment and machinery. Work involves rotating through all aspects of plant operating systems. Work involves taking the lead in performing a wide variety of tasks and assignments geared toward the efficient collection and treatment of wastewater within federal and state parameters. Duties include operating and maintaining pumps, clarifiers, tanks, chlorination and sulfur dioxide infusion equipment, trucks, loaders and other equipment; training Water Pollution Control Plant Operator I's and taking the lead when working with lower level personnel; taking readings of gages and meters; taking samples of product from all stages in the process; inspecting sewer lines and pump stations; repairing and assisting in the repair of a wide variety of equipment. The position also requires that training be given to subordinate personnel in all operations of the facility. The work requires that the employee have good knowledge, skills and ability in wastewater collection and treatment systems.

SUPERVISION RECEIVED:

Works under the general supervision of the Water Pollution Control Operations Supervisor, or the Water Pollution Control Equipment Maintenance Supervisor, when assigned to the maintenance function.

SUPERVISION EXERCISED:

Provides training and takes the lead when working with lower level personnel.

EXAMPLES OF DUTIES:

Reads and records information from totalizers, hours meters, gages and other measuring devices. Operates pumps, presses, trucks, loaders and other equipment to move wastewater and solids through the treatment process. Cleans and maintains buildings, machines, equipment and grounds of the facility and pump stations. Performs routine plumbing and electrical maintenance and repair and assists in the more complex repair work as required. Trains subordinate personnel in the operations and maintenance of the facility and its equipment. Takes the lead when working with lower-level personnel. Inspects sewer lines and uses a variety of equipment to rectify backups and other problems with sewer systems. Paints buildings, pipes, tubes and equipment and performs light masonry work to maintain and enhance facilities. Assists lab personnel by taking samples and may assist in running tests on product. Changes and installs large tanks containing such chemicals as [EQN "CL super 2"] and [EQN "SO super 2"] used in the treatment process. Performs all work in a safe manner and observes all safety precautions. Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES:

Good knowledge of the tools, equipment and methods used in the treatment of wastewater. Good knowledge of the work standards and safety procedures used in wastewater treatment operations. Good knowledge of tools, methods and techniques necessary to maintain and repair equipment and facilities. Considerable skill in the use of hand and power tools, equipment and machines used in the collection and treatment of wastewater. Considerable ability to perform a wide variety of operations and maintenance work in a wastewater treatment facility.

Good ability to lead others in the performance of a wide variety of tasks involving the collection and treatment of wastewater. Good ability to follow oral and written instructions and to complete work assignments efficiently. Good ability to read and record information and to complete reports. Good ability to establish and maintain effective working relationships with co-workers and the general public.

QUALIFICATIONS:

Graduation from a vocational technical high school with course work in the plumbing, electrical or mechanical trades and at least three years of increasingly responsible operations and maintenance work in a wastewater treatment facility using advanced technology. An equivalent combination of education and qualifying experience may be substituted on a year for year basis.

SPECIAL REQUIREMENTS:

Possession of a Class II Operator's License in Wastewater Treatment as issued by the State of Connecticut.

Possession of a Commercial Driver's License as issued by the State of Connecticut.

TOOLS AND EQUIPMENT USED:

Hand and power tools, wrenches, jackhammers, shovel, pick, belt press, pumps, agitator, welder, table saws, drills press, band saw, lathe, hydraulic press, pay loader, skid steer, sludge truck, lawn mower, vacuum truck, generators, settling tanks.

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is regularly required to use hands to handle, feel or operate objects, tools, or controls and reach with hands and arms. The employee is frequently required to stand. The employee is occasionally required to walk; talk or hear; sit; climb or balance; stoop, kneel, crouch, or crawl; and smell. The employee must frequently lift and/or move up to 10 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, depth perception, and the ability to adjust focus.

WORK ENVIRONMENT:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee occasionally works in outside weather conditions. The employee occasionally works near moving mechanical parts and is occasionally exposed to wet and/or humid conditions. The employee occasionally works in high, precarious places and is occasionally exposed to fumes or airborne particles, risk of electrical shock, and vibration. The employee is frequently exposed to toxic or caustic chemicals. The noise level in the work environment is usually moderately loud.

GENERAL GUIDELINES:

The duties listed above are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position. The job description does not constitute an employment agreement between the employer and employee and is subject to change by the employer as the needs of the employer and requirements of the job change.