

TREATMENT PLANT OPERATOR BB

CODES/PAY GRADE

Class Code: 2132

EEO Code: G

Pay Grade: 411

Level I - Trainee

Level II –

Level III –

Level IV -

Level V -

MAJOR FUNCTION

Progressively responsible, skilled work in the operation and monitoring of a water and/or wastewater treatment plant. At the Trainee level, an incumbent is working under the direction of a Class "C" Operator for completion of the Class "C" Certification until certification is obtained.

ILLUSTRATIVE DUTIES

(NOTE: These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

WATER TREATMENT

Operates treatment plant machines and equipment to purify and clarify water for human consumption. Insures compliance with regulatory agencies.

Completes monthly operating reports (MOR) on a timely basis.

Operates and controls electric motors, pumps, and valves to regulate flow of raw water into treatment plant.

Adjusts automatic devices that admit specified amount of chemicals into tanks to disinfect, deodorize, and clarify water.

Monitors panel boards and adjusts controls to regulate flow rates, loss of head pressure, and water elevation and distribution.

Cleans tanks. Repairs and lubricates machines and equipment. Repairs, maintains, and installs distribution lines and transmission systems.

Tests water samples. Records data.

May oversee work of a trainee.

Performs related work as required.

(Treatment Plant Operator continued - 2 of 3)

WASTEWATER TREATMENT

Operates sewage treatment, sludge processing, and disposal equipment in Wastewater (sewage) Treatment Plant to control flow and processing of sewage. Ensures compliance with regulatory requirements.

Completes monthly operating reports (MOR) on a timely basis.

Monitors control panels and adjusts valves and gates manually or by remote control to regulate flow of sewage and/or reclaimed water.

Observes variations in operating conditions and interprets meter and gauge readings and tests to determine load requirements.

Starts and stops pumps, engines, and generators to control flow of raw sewage through filtering, settling, aeration, and sludge digestion process.

Performs related work as required.

KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of methods and practices of modern water and wastewater treatment and operating procedures. Knowledge of functions and mechanics of plant equipment and the ability to understand electrical functions as they relate to plant operation.

Ability to check equipment and to detect flaws or defects in operation. Ability to understand and execute oral and written instructions. Ability to take accurate readings, to keep routine records, and prepare schedules and reports. Ability to oversee trainees.

MINIMUM QUALIFICATIONS

SEE ATTACHED. (REVISED 9/99)

ADA REQUIREMENTS

Physical Demands: Medium to heavy work. Ability to lift (50 lbs.), carry, kneel, sit, bend, crawl, reach (overhead), climb, walk, stand, see; manual dexterity.

Environmental Demands: Both inside and outside work. Ability to tolerate inclement weather including rain, heat, humidity, cold. Exposure to noise, vibration, odors, fumes, dust, poor ventilation, chemicals.

Mental Demands: Ability to read and comprehend technical regulations and procedures of discipline; safety rules, memos, instructions, letters. Ability to perform basic mathematical

functions and shop math. Ability to write at a level to relay ideas, directions, information, data, and details. Ability to speak clearly and concisely relay ideas and technical information to laymen.

Revised 9/95