

ASSISTANT WATER PLANT OPERATOR

NATURE OF WORK

This is skilled work participating in the operation of a water production and treatment plan to insure the proper quality and quantity of water.

Work involves responsibility for participating in the inspection, monitoring, and operation of a water treatment plan and assisting in the collection of water samples. Work also involves performing minor mechanical maintenance and process control tasks as directed. Supervision is received from the Assistant Superintendent of Operations or a designated Water Plant Operator.

EXAMPLES OF WORK PERFORMED

Operates pumps, valves, filters, and process equipment as directed; assists with the performance of routine control tests related to the various unit processes.

Makes regular inspections to observe and check the integrity and proper function of all equipment and systems associated with the assigned station and reports faulty equipment operation to superiors.

Assists in performing minor preventative maintenance and service on equipment and keeps facilities in a clean and orderly manner; performs general housekeeping, as needed, particularly around operating equipment.

Performs assigned tasks needed to maintain process control parameters within desired ranges; assists with adjustment of feed rates of process control equipment.

Participates in training courses and educational programs as directed by superiors.

Collects water samples.

Transports and loads chemicals or operating supplies as requested.

Performs related work as required.

DESIRABLE KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of the operating principles and theories of a municipal water production and treatment plant.

Knowledge of the established routines and practices of the operation of the equipment and related testing and measuring devices in the water production and treatment plants and well fields.

Knowledge of the preventative maintenance practices applicable to the equipment operated.

Some knowledge of the hazards of the work and safety precautions to be taken.

Some knowledge of record maintenance practices as applied to water production and treatment plant operation.

Some knowledge of computers and their applications.

Ability to maintain plant operations within established standards; to recognize and remedy plant malfunctions and disorders; and to act quickly and accurately under emergency conditions.

Ability to establish and maintain effective working relationships with co-workers.

Ability to maintain detailed operating records and prepare reports.

Ability to communicate and follow instructions, both orally and in writing.

DESIRABLE TRAINING AND EXPERIENCE

Graduation from a senior high school with college level course work in Engineering, Chemistry, Biology, or related areas. Possession of a valid Nebraska Grade III Water Operators License from the Nebraska Department of Health and Human Services Division of Public Health and some experience in water treatment plant operations.

MINIMUM QUALIFICATIONS

Graduation from a senior high school or equivalent with some experience or training in mechanical maintenance or operating pumps and valves; or any equivalent combination of training and experience which provides the desirable knowledge, abilities and skills.

NECESSARY SPECIAL REQUIREMENT

Must be able to obtain a Nebraska Grade IV Water Operators License from the Nebraska Department of Health and Human Services Division of Public Health within 12 months of hire.