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Job Specification
PUMPING STATION OPERATOR

DEFINITION

Under direction, operates, adjusts, regulates, and maintains water and/or sewage pumping station equipment used for the conveyance, transmission, or distribution of wastewater for treatment or disposal and/or the transfer of raw water to treatment plant, and/or the distribution of treated water to residential, commercial, or industrial establishments; does related work as required.

NOTE: The definition and examples of work for this title are for illustrative purposes only. A particular position using this title may not perform all duties listed in this job specification. Conversely, all duties performed on the job may not be listed.

EXAMPLES OF WORK:

Operates, maintains, and makes minor repairs to pumping equipment to transfer raw water or sewage to treatment plant, or distribute processed water to residential, commercial, and industrial establishments.

Operates and maintains chlorinators, meters, and comminator.

Turns valves, pulls levers, and flips switches to operate and control turbine, electric motor, combustion, or diesel driven pumps that transfer water from reservoir to treatment plant, or transfer processed water to consumer establishments, or transfer sewage from homes, industrial, or commercial establishments to sewage treatment plant.

Reads flowmeter and gauges to regulate equipment according to water consumption demand or wastewater (sewage) flows.

Inspects equipment to detect malfunctions such as pump leaks or worn bearings.

Repairs and lubricates equipment using hand tools.

Takes periodic readings of flowmeters, pressure gauges, gasoline or diesel meters, thermometers, and other recording equipment.

Records data such as utilization of equipment, power consumption, and water output in log.

May install, maintain, repair, and observe proper operation of electrical motors and generators, electric motor controls, and electronic and telemetry equipment.

May use a computer telemetry system to detect possible problems in the overall water system operation.

May operate equipment to treat and process raw water.

May operate mechanical or hydraulic sewer cleaning equipment.

May test water for chlorine content, alkalinity, acidity, or turbidity to determine potability of water following color analysis standards.

May obtain sewage samples and transport the samples for analysis by others.

May enter manholes, syphon chambers, and wet and dry wells to perform routine maintenance and cleaning of the system or equipment.

Regulates and adjusts the flow and pressure of water by starting and stopping pumps or by opening and closing valves.

May adjust chemical feed systems for control of odors.

Keeps the working areas, pumping stations, and surrounding grounds in a clean and sanitary condition.

Will be required to learn to utilize various types of electronic and/or manual recording and computerized information systems used by the agency, office, or related units.

REQUIREMENTS:

LICENSE:

Appointees may be required to possess a current valid license of the appropriate class issued by the New Jersey Department of Environmental Protection to operate a public wastewater collection system and/or public water distribution system.

Appointees will be required to possess a driver's license valid in New Jersey only if the operation of a vehicle, rather than employee mobility, is necessary to perform the essential duties of the position.

KNOWLEDGE AND ABILITIES:

Knowledge of procedures used in operating, adjusting, regulating, and maintaining pumping station pumps, valves, and other equipment.

Knowledge of methods used in checking the flow and level in sewage storage chambers.

Knowledge of methods and problems involved in taking accurate readings of flowmeter, pressure gauges, thermometers, and other recording apparatus.

Knowledge of the use of odor control materials.

Ability to understand, remember, and carry out oral and written directions.

Ability to operate, adjust, regulate, maintain, and make minor repairs to electrically, combustion, or diesel engine driven centrifugal pumps, flowmeter, indicators, sump pumps, and other mechanical and electrical pumping equipment.

Ability to check and adjust the flow and levels in sewage storage

chambers.

Ability to maintain pumping stations in sanitary and neat condition.

Ability to take accurate readings of flowmeter, pressure gauges, thermometers, and other recording apparatus.

Ability to determine whether the equipment is working properly.

Ability to understand the significance of various gauges.

Ability to keep essential records.

Ability to learn to utilize various types of electronic and/or manual recording and information systems used by the agency, office, or related units.

Ability to read, write, speak, understand, or communicate in English sufficiently to perform the duties of this position. American Sign Language or Braille may also be considered as acceptable forms of communication.

Persons with mental or physical disabilities are eligible as long as they can perform the essential functions of the job after reasonable accommodation is made to their known limitations. If the accommodation cannot be made because it would cause the employer undue hardship, such persons may not be eligible.

This job specification is applicable to the following title code:

Job Spec Code	Variant	State, Local or Common	Class of Service	Work Week	State Class Code	Local Class Code	Salary Range	Note
02945		L	N		N/A	01		-

This job specification is for **local** government use only.
Salary range is only applicable to state government.
Local salaries are established by individual local jurisdictions.

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