



Wastewater Technician

Established Date: May 15, 2018

SALARY RANGE

_____ Hourly
_____ Biweekly
_____ Annually

GENERAL PURPOSE:

Performs a variety of entry level, general labor, semi-skilled and skilled duties related to the operation, maintenance, and repair of wastewater treatment equipment to ensure efficient operation of plant components and efficient processing of influent raw sewage. Performs a variety of entry level duties related to the maintenance and repair of the wastewater collection system.

SUPERVISION RECEIVED

Works under the general supervision of the Wastewater Superintendent.

SUPERVISION EXERCISED

None.

ESSENTIAL FUNCTIONS:

Performs generally routine facilities and grounds upkeep and maintenance; cleans buildings, equipment, primary and secondary clarifiers; performs treatment plant upkeep.

May operate sludge trucks to transport and distribute processed sludge; operates tractors, dump trucks, etc. as needed.

In a learning capacity, assists in treatment plant processes and operations, i.e., plant electrical and mechanical support systems to ensure optimum performance; checks all equipment i.e. electrical, mechanical, hydraulic, pneumatic, and biological to ensure proper operation; operates and maintains plant support systems to include headworks fine screens, grit removal equipment, sludge pumps, heat exchangers, gravity belt thickeners, clarifiers, aeration equipment, digesters, gas mixing equipment, chlorination and metering equipment, emergency power generation equipment, and all associated valves, pumps, motors, and control circuitries; monitors alarm systems.

Assists in operation and maintenance of all chlorination and de-chlorination equipment with use of self-contained breathing apparatus during chlorine tank changing.

In a learning capacity assists with sample collection from various stages of the treatment process; assists with calibrating gauges, meters and measuring devices; performs some laboratory tests, such as dissolved oxygen, chlorine residual analysis; interprets laboratory test results to evaluate plant performance; uses mathematical calculations in figuring detention times, flow rates, areas, volumes, pumping rates, etc.

Performs and assists with maintenance and repair of plant equipment; when required, implements emergency repairs and procedures.

Performs and assists with wastewater system collection maintenance and repairs.

Responds to after-hour emergency and customer service calls while serving on a 1 week stand-by shift including weekends and holidays.

Performs related duties as required.

MINIMUM QUALIFICATIONS:

1. Education and Experience

A. Graduation from high school or GED; plus, sufficient training or experience to demonstrate an aptitude or ability to perform above duties;

OR

B. An equivalent combination of education and experience.

2. Knowledge, Skills, and Abilities:

Some knowledge of mechanical equipment, machinery and its operations, maintenance and repair; hazards and precautions associated with plant operations and processes,

Ability to communicate effectively, verbally and in writing; ability to operate a variety of hand and power tools related to the maintenance of plant facilities, equipment and collection tools; ability to develop working relationships with supervisors and co-workers.

3. Special Qualifications:

Must possess a valid Idaho driver's license.

May be required to obtain a Class A or B Idaho Commercial Driver's License.

Must possess a Class I Treatment Plant Operator's Certification or obtain the same within one (1) year from date of employment.

Must possess a Class I Wastewater Operator Collection Certification or obtain the same within one (1) year from date of employment.

Must complete .6 Continuing Education Units in Wastewater annually.

May be required to become Flagger Certified.

Residency Requirement: Shall be expected within six months of hire, to establish residence within a 15-minute notification to respond zone from the Wastewater Department Treatment Plant.

WORK ENVIRONMENT:

Incumbent of the position experience daily exposure to hazardous conditions such as working on high ladders and in manholes; daily potential for hazardous exposure to methane, hydrogen sulfide, chlorine gases, sodium bisulfate, acids and other chemicals; daily potential for hazardous exposure to oxygen deficient atmosphere; daily exposure to seasonal changes and weather extremes; daily potential for hazardous exposure to electrical shock, industrial wastes and raw sewage (containing pathogens such as typhoid, paratyphoid, dysentery, polio, tetanus, etc.); daily exposure to moving parts and equipment such as pumps, motors, heavy equipment, etc.; daily exposure to stressful environmental conditions such as dust, fumes, dampness, cold, heat and noise.

DISCLAIMER:

The above statements describe the general nature, level, and type of work performed by the incumbent(s) assigned to this classification. They are not intended to be an exhaustive list of all responsibilities, demands, and skills required of personnel so classified. Job descriptions are not intended to and go not imply or create any employment, compensation, or contract rights to any person or persons. Management reserves the right to add, delete, or modify any and/or all provisions of this description at any time as needed with or without notice. This job description supersedes earlier versions.