



Job Description

Water and Wastewater Treatment Plant Laborer

Position Summary:

Perform a variety of general labor skilled and semi-skilled duties including but not limited to the following:

1. Digging trenches or holes and work in and around excavations. Work in confined spaces subject to the proper equipment and restrictions;
2. Shovel and remove sludge;
3. Perform routine facilities and grounds upkeep and maintenance including mowing of lawns and general landscaping, snow removal, painting and/or general carpentry, cleaning and minor janitorial work;
4. Drive, operate and maintain Authority vehicles and equipment;
5. Maintain, repair and lubricate equipment, using hand tools and power tools;
6. Clean and maintain tanks, filter beds and other work areas using hand tools and power tools;
7. Flush hydrants;
8. In a training capacity, perform any/all tasks as directed in the Water, Treatment, Maintenance and Collection Departments.

Basic Requirements:

1. Education
 - a. Required-High school diploma or equivalent
 - b. Preferred-High School Diploma
2. Licensure
 - a. Required-valid New Jersey Commercial Class B Driver's License with air brake, tanker and HAZMAT endorsement.
 - b. Ability to obtain any/all licenses/certificates related to the industry as required by applicable State, County or Federal law.



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Basic Qualifications:

1. The ability to read, write, speak and understand the English language sufficiently to perform the functions of the position;
2. Ability to perform labor for prolonged periods of time under varying temperature and climate conditions, including the ability to bend and twist repeatedly, climb stairs and ladders, work at varying heights, mount and dismount vehicles of varying size as required;
3. Ability to understand, remember and carry out oral and written instructions;
4. Vision- both close vision and depth perception;
5. Ability to hear to communicate with others, hear and recognize warning alarms and oncoming vehicles and equipment;
6. The ability to smell to detect the presence of noxious/toxic fumes or gasses;
7. Possess fine dexterity for operating various Authority equipment;
8. Ability to follow established processes and procedures;
9. Must be able to report to work in a predictable and reliable manner, at the designated time regardless of the hour and location and in proper physical and mental condition to carry out assignments;
10. All Authority employees must be available to work any shift as needed;
11. Must be available to work overtime or extended shifts as needed;
12. Must be able to communicate with the public and co-workers in a polite and professional manner;
13. Must be able to work in any and all environmental conditions;
14. Must be able to accept supervision including, praise, criticism and discipline.
15. Ability to legally operate passenger as well as commercial vehicles on all public and private roadways.

Knowledge Skills and Abilities

Knowledge of: some knowledge of mechanical equipment, machinery and its operation; maintenance and repair practices.

Skills in: operating and maintaining power and hand tools; operating various motor vehicles and other equipment; performing routine interior and exterior building and property maintenance.

Ability to: read, write and follow oral and written directions in English; learn the operation and routine maintenance of plant operational equipment, tools and vehicles; establish and maintain effective working relations with co-workers, other agencies and the public.



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Essential Functions of the Position

The duties of the position of Water and Wastewater Treatment Laborer include but are not limited to:

1. Operate pumps, valves, chlorinators, telemetry controls, sludge presses and other water and wastewater flow regulating controls and equipment;
2. Exert force to move objects as follows:
 - a. Exert 55 to 100 pounds of force occasionally;
 - b. Exert 25 to 50 pounds of force frequently or greater than negligible;
 - c. Exert 10 to 20 pounds of force constantly.
3. Use various hand and power tools including, but not limited to shovels, picks, jackhammers, mowers, gas trimmers, chain saws, brooms, mops, wrenches, hammers including sledge hammers, meter readers;
4. Turn valves to operate and maintain hydrants, mains and water lines;
5. Manually operates and adjusts wastewater treatment processing valves, gates, motors, pumps and chemical feed systems;
6. Dig holes and perform in and around excavations;
7. Safely utilize the proper equipment to work in and around confined spaces;
8. Read, write and communicate in the English language;
9. Maintains detailed operational records;
10. Follow direction and work solo or as a member of a work team;
11. Perform manual skilled, semi-skilled or unskilled labor as directed.
12. Ability to legally operate passenger and commercial vehicles on all public and/or private roadways.

Working Conditions

1. Ability to work any assigned shift including nights, weekends and holidays;
2. Ability to walk on non-level, uneven and slippery surfaces;
3. Reaching, kneeling, climbing, crawling, grasping, holding and twisting various objects in the performance of daily activities;
4. May be required to lift and carry air packs, pumps, hoses, lab equipment and paper boxes weighing up to 50 pounds and may have the need to move containers of material weighing in excess of 200 pounds utilizing safe work practices;
5. Ability to work at heights including treatment tanks, storage towers, ladders, lifts, scaffolds;
6. Exposure to the following environmental conditions:
 - a. Wet;
 - b. Heat;
 - c. Cold;
 - d. Heavy dust and pollen;



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- e. Bright sunlight/glare;
 - f. Noxious odors;
 - g. Snow;
 - h. Ice;
 - i. Dirt;
 - j. Noise-Ability to utilize hearing protection and occasionally shout to be heard above the ambient noise level;
 - k. Vibration;
 - l. Bio-hazards;
 - m. Raw sewage;
 - n. Contact with various chemical substances;
7. Ability to wear self-contained breathing equipment and any other personal protective equipment required to complete an assignment;
8. Exposure to hazardous working conditions including:
- a. Moving machinery;
 - b. Confined spaces;
 - c. High voltage with the potential for arc flash;
 - d. Working in places with potential for fall related impacts;
9. Continuous work that cannot be easily or economically interrupted for breaks except at regularly scheduled intervals or at the completion of an assignment.