

ORGANIZATION: OWW Unit 2 Sanitary District
DEPARTMENT: Sanitary District
REPORTS TO: District Manager
JOB TITLE: Wastewater Operator
HOURLY WAGE: \$15.00 - \$17.00

LOCATION: Bend, OR
DATE: August 2015

*Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are **not** intended to reflect all duties performed within the job.*

SUMMARY DESCRIPTION

Under supervision, performs a variety of skilled technical duties and semi-skilled labor in the operation and maintenance of the District's wastewater treatment facilities and systems.

REPRESENTATIVE DUTIES

The following duties are typical for this classification. Incumbents may not perform all of the listed duties and/or may be required to perform additional or different duties from those set forth below to address business needs and changing business practices.

1. Perform assigned treatment plant rounds; inspect, monitor, troubleshoot, performance test and document plant processes by reading plant equipment gauges, dials, graphs, online analyzers, computer screens, meters, SCADA systems and other instrumentation.
2. Operate and adjust treatment plant pumps, motors, feeders, and other equipment to maintain appropriate plant operations.
3. Maintain, compile and update plant operations logs and reports; perform and record mathematical calculations related to plant operational activities.
4. Mix and add treatment chemicals; install and replace chlorine cylinder tanks; ensure adequate chemical application according to regulations and guidelines.
5. Install, maintain, repair, modify, troubleshoot and service plant operations machinery and equipment including pumps, valves, motors, meters, tanks, reservoirs, feeders, and online analyzers; change lubrications.
6. Perform general plant facility maintenance such as cleaning, painting and repairing plant facilities; perform various grounds maintenance duties as required.
7. Operate a variety of heavy equipment including backhoes.
8. As assigned, participate in a variety of special projects such as construction and installation of piping, and structural systems related to assigned work area.
9. Work with a variety of vendors, outside contractors and the general public on wastewater activities; answer questions and resolve conflicts.
10. Perform related duties as required.

QUALIFICATIONS

The following generally describes the knowledge and ability required to enter the job and/or be learned within a short period of time in order to successfully perform the assigned duties. This is an entry-level position and involves a period of training and familiarization.

Knowledge of:

- Principles and practices of wastewater treatment plant operations.
- Operating principles of plant equipment such as valves, pumps and motors.
- Methods and techniques of maintaining, repairing and troubleshooting wastewater plant equipment and processes.
- Basic mathematical principles.
- Operational and safety regulations pertaining to wastewater treatment plant operations and vehicle and equipment usage.
- Wastewater treatment chemicals used within the plant and their safe use and application.
- Occupational hazards and standard safety practices and procedures.
- Pertinent federal, state and local laws and regulations

Ability to:

- Operate and monitor wastewater treatment plant equipment.
- Read, interpret and calibrate gauges and other recording devices.
- Diagnose operating problems and take effective courses of action.
- Make independent technical decisions to maintain proper treatment process.
- Perform work assignments in an efficient and effective manner.
- Legibly and accurately complete logs, work orders, records and all required paperwork.
- Perform routine to difficult maintenance, repairs and installation to plant equipment such as pumps, valves, and electronic monitoring devices.
- Read, interpret and understand technical manuals, drawings, blueprints, schematics, and diagrams.
- Perform heavy manual labor.
- Adapt to changing technologies and learn functionality of new equipment and systems.
- Communicate clearly and concisely, both orally and in writing.
- Establish and maintain effective working relationships with those contacted in the course of work.

EDUCATION AND EXPERIENCE GUIDELINES

Any combination of education and experience that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Education/Training: Equivalent to high school education or any satisfactory combination of experience and training which demonstrates the knowledge, skills and abilities to perform the above duties.

License and Certificates: Possession of a Valid Class C State of Oregon Driver license.

PHYSICAL DEMANDS AND WORKING ENVIRONMENT

The conditions herein are representative of those that must be met by and employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential job functions.

Environment: Work is typically accomplished near moving mechanical equipment and/or parts indoors and outside in various weather conditions and extreme temperatures. Employee may be frequently exposed to noise, dust, grease, smoke, fumes, odors, gases, solvents, electrical energy, vibrations, poor ventilation, or airborne particles. Occasionally may be exposed to toxic materials, oils or hazardous chemicals. Work in or with water and/or wastewater in confined spaces; work and/or walk on various types of surfaces including slippery or uneven surfaces.

Physical: Sufficient physical ability to perform moderate to heavy lifting; standing and walking for prolonged periods of time, climbing, balancing, stooping, kneeling, crouching, reaching, sitting, pushing, pulling, fingering, grasping, feeling, talking, operating motorized equipment and repetitive motions.

Very Heavy Work: Exerting in excess of 100 pounds of force occasionally, and/or in excess of 50 pounds of force frequently, and or in excess of 20 pounds of force constantly to move objects.

Vision: See in the normal visual range with or without correction; vision sufficient to read computer screen and printed documents and to operate equipment. Not to be affected by colorblindness.

Hearing: Hear in a normal audio range with or without correction.

Smell: Ability to smell toxic or noxious fumes and odors, for the protection of self and others.