



Class Specification

Class Code 0550

FLSA : N

CLASS TITLE: Wastewater Treatment Plant Operator 1

DEPARTMENT: Public Works/Willow Lake Water Pollution Control Facility

REPORTS TO: Biogro Supervisor and/or Operations Supervisor

DATE: 02/13/2008

JOB SUMMARY:

This is entry-level work in the operation and routine maintenance of a wastewater treatment plant on an assigned shift. Work of this class includes responsibility for maintaining and controlling processes involved in the operation of the plant. Work is performed under close supervision during the initial period of training with greater independence of action allowed as successful learning progresses. Work is performed under monitoring of a more senior level plant operator or supervisor, and is consistent with Wastewater Treatment Plant Operator 1 certification.

Work is differentiated from the Wastewater Treatment Plant Operator 2 by not being responsible for independent decision making or independent lab analysis and making recommendations of change based on that analysis.

Some positions may require duties as an equipment operator for the distribution of biosolids. This position may be used in two sections of the Willow Lake Waste Water Treatment Plant; the Biogro Section and the Operations Section. In the Biogro Section, positions will require a Oregon Class A, CDL license with tanker endorsements and a driving record that is able to pass the City's driving standards.

ESSENTIAL JOB FUNCTIONS:

(All functions may not be performed by all incumbents.)

- 1 Operate equipment of a wastewater treatment plant including pumps, clarifiers, boilers, digesters, sludge pumps, blowers, aerators, chlorinators and control panels. Learns to perform some routine laboratory analyses of wastewater and sludge samples. Observes variations in operating conditions and learns to interpret meter and gauge reading and test results to determine processing requirements.
- 2 Maintain plant operation records to diagnose equipment malfunctions, take remedial action, and report problems to a supervisor.
- 3 Perform routine maintenance functions and custodial duties.
- 4 Operate heavy diesel powered tank trucks and field spreading vehicles for the reuse of biosolids.
- 5 Perform other related work as required.

MATERIAL AND EQUIPMENT USED:

Radio, computer, calculator, heavy diesel powered tank trucks, and miscellaneous office automation equipment

MINIMUM QUALIFICATIONS REQUIRED:

Education and experience:

Some experience in wastewater treatment plant or related operations; graduation from high school; or any equivalent combination of experience and training that provides the knowledge and abilities as defined below.

Licenses and Certificates:

Current Oregon C Driver's License.

Some positions will require a current Oregon Class A Driver's License with tanker endorsements
Possession of, or the ability to obtain a Class I Oregon Wastewater Treatment Certification by end of probationary period.

KNOWLEDGE AND ABILITIES:

Knowledge of:

- Operation of mechanical and electrical equipment.

Ability to:

- Perform mathematical computations
- Comprehend technical written materials
- Establish and maintain effective working relationships with other departments, employees and with the public.
- Meet City driving standards.
- Consistently adhere to work schedules set by the supervisor.

Physical ability to:

- Work in all weather conditions, and among strong scents.
- Walk, sit, stoop, and bend.
- Lift weights safely up to 50lbs.
- Effectively handle small and large hand tools.

While performing the duties of this job, the employee is frequently exposed to adverse weather conditions; near moving mechanical parts; vibrations; to fumes, airborne particles, chemicals; works in high and precarious places, and is occasionally exposed to wet conditions.

The noise levels in the work environment are usually moderate, but may be louder when performing routine maintenance duties. Work involves exposure with safety precautions to sewage, dust, dirt, solvents, cleaners, lubricants, and other chemicals related to work assignments.

The above statements are intended to describe the general nature and level of work being performed by employees assigned this classification. They are not to be construed as an exhaustive list of all job duties or roles performed by personnel so classified. The statements above are also intended to comply with the Americans with Disabilities Act.

WTP Operator 1