

**CITY OF SALEM  
WASTEWATER MAINTENANCE OPERATOR II**

**00531**

**NATURE OF WORK**

This is skilled maintenance and equipment operation work in one or more areas in wastewater collection and storm drain utility systems or other related City facilities involving installations, maintenance, repair, and construction activities.

Work can include maintenance duties related to storm drain cleaning, installation of basins, installation and alignment of service lines, tapping new services or disconnecting wastewater services, open channel cleaning, hydrocleaning, bypass pumping, flow monitoring, and pipeline TV/grouting. The work may involve installations, maintenance, repairs, and construction activities, and occasional lead responsibilities.

Work involves responsibility for one or more areas of assignment:

1. Skilled crew member or individually performs skilled work in one or a variety of areas of maintenance, repair, and construction of sanitary and storm related facilities. Assists in installing improvements, maintaining existing facilities, repairing a variety of right-of-way improvements and transports materials and operates construction equipment as necessary. May also perform skilled work to accomplish specialized assignments with considerable independence such as assisting in the identification of service line maintenance needs.
2. As a skilled equipment operator routinely operates small and medium construction equipment such as dump trucks, trenchers, truck/trailer combinations, bobcats, loaders, extended booms, forklifts, high velocity cleaners, flusher trucks, backhoes, rollers, crane trucks, pavement breakers, and specific equipment unique to the area of work assigned such as use of transit, laser and related equipment, and other tools and equipment such as compressors, compactors, pumps, generators, jackhammers, tap machines, pressure cleaners, chippers, etc. connected with work assignments. Occasionally (less than one work day assignment at a time), operates other heavy construction equipment such as caterpillars, tractored crane trucks, combination hydrocleaners, trackhoes, etc.
3. Acts as a crew leader for less than an eight (8) hour work shift on routine assignments that are normally assigned to an MSW such as service line taps, realignment of manholes, etc. Lead work for routine assignments includes planning daily work assignments, estimating time and materials for projects, and ensuring proper tools, equipment and supplies are available for assignments; ensuring work is performed with all safety precautions and to standards; resolving on-site problems; ensuring work location is left clean and safe and proper documentation is completed. May also provide crew leadership when doing minor lead work that does not normally

require an MSW. This would normally be only a two person crew and would be closely supervised. An example would be yard clean-up or other task that requires more than normal physical labor.

4. A combination of the duties listed in 1, 2 or 3 above requiring initiative on the part of the incumbent to perform responsibilities with minimal supervision after an initial training period. Where work is more routine, there is a greater consequence in the independent performance of those duties such as basin cleaning. Work conditions, occupational hazards, and degree and type of supervision received vary with the location and nature of the assignment.

This is not a full supervisory position, but an incumbent in this classification would be expected to provide work direction for less than eight (8) hours per work shift to seasonal and career employees involved in routine assignments and train new crew members on the Wastewater Collection Division and City work procedures and processes. Work is subject to review by an operational supervisor for compliance with standing procedures, specifications, and work orders.

Work of this class is distinguished from Public Works Maintenance Operator I by the degree of skill required, its complexity or consequence including considerable latitude in selecting work methods and procedures and the authority to act as lead worker for less than an eight (8) hour shift over a routine work assignment and the technical knowledge required to proficiently operate a variety of medium construction equipment in the course of performing the daily assignments. This class is distinguished from the Wastewater Maintenance Service Worker by the absence of ongoing responsibility to direct a crew and be responsible on an ongoing basis for the accomplishments of the crew, and the absence of the greater requirement for the application to technical expertise in the maintenance of storm drains and sewer service lines.

### **ILLUSTRATIVE EXAMPLES OF WORK**

(Any single position of a class will not usually involve all of the essential duties listed, and many positions will involve essential duties which are not listed.)

Individually, or as a member of a crew, performs skilled work in the maintenance, repair, and construction of sewer lines, open storm drain channels, closed storm drain systems and basins. Lays service lines to grade. As a member of a crew, or individually, participates in the repair and construction of open storm drain channels, service lines, main lines, operates hydros, combination cleaners, TV inspection and grouting equipment, and related facilities.

Performs skilled work tapping lines for new service installations, and capping former service outlets. Assists in the realignment or relocation of service mains. Maintains culverts, bin wells, and other drainage obstructions.

Participates as a skilled crew member, operating a variety of construction equipment. Operates and is responsible for the maintenance of backhoes, grout trucks, hydro-hammers, and loaders. Performs minor maintenance and limited repairs on the equipment in the field; participates with journey level mechanics in completing major equipment repairs. Excavates to grade following blueprints, street markings, or hand drawings.

Maintains catch basins, grates and other drainage structures to minimize flooding and traffic hazards.

Provides lead direction of maintenance, inspection, and repair activities such as open drainage and small service line installation or routine service taps, routine service access repairs, alignments and installations, storm drain basin cleaning, and grate realignments; participates in the work and oversees others in the completion of work. Reviews proposed assignments, estimates time and materials needed to perform work as needed. Prepares or reviews for accuracy information concerning time, materials, and personnel time records, updates maps and computer data bases as needed.

Performs specialized assignments with some independence such as inspecting video records to determine line defects. Interprets maps, diagrams, written instructions, follows blueprints and specifications in completing work assignments. Retrieves information from data bases, written and video records and maps to determine condition or location of facilities.

Performs other related work as assigned.

## **WORK QUALIFICATIONS**

High school graduation or GED and two years of experience.

Considerable experience in maintenance, repair, and construction of public improvements such as wastewater or storm drain utility systems or related utility services including experience in the operation of a variety of construction equipment; or any equivalent combination of experience and training which provides the following knowledge, skills, and abilities:

Considerable knowledge of the appropriate materials, methods, procedures, tools, and equipment appropriate to the operational area or specialty to which assigned.

Considerable knowledge of equipment operation related to wastewater and storm drain maintenance work.

Considerable knowledge of the component parts and operating principles of construction equipment, its routine servicing and maintenance.

Knowledge of the geography and physical layout of the City of Salem.

Knowledge of the traffic laws of the State of Oregon.

Knowledge of the occupational hazards involved and the safety precautions necessary in equipment operation and work assignment and traffic control signing and flagging, and confined space entry procedures.

Skill in the operation of moderately complex construction and transportation equipment.

Ability to service various types of equipment and to make minor running repairs upon them.

Ability to perform a variety of assigned semi-skilled to skilled duties and change from one project to another without loss of efficiency or quality.

Ability to make material and personnel estimates, interpret plans and specifications, keep records, and make reports.

Ability to direct the work of other employees.

Possession of a valid Oregon Class A commercial license with appropriate endorsements, B or C license and the ability to meet City driving standards or the ability to move personnel and equipment efficiently from one location to another as required.

Work is generally performed in a field setting in all types of weather and field conditions from urban high traffic areas to open fields, often involving work at heights or subterranean locations. The nature of the work often requires availability to respond during off-duty hours, in the evenings or on weekends. Work frequently involves moving from one physical location to another and performing physical task requiring bending, stooping, moving equipment and tools, and requires agility sufficient to perform maintenance, repair, or construction tasks under varying weather conditions and in confined spaces. Work involves exposure with safety precautions to sewage, dust, dirt, solvents, cleaners, lubricants and other chemicals

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related to work assignment area. Work may require the use of modern office equipment such as a personal computer.

Position may require availability for standby duty during non-work hours.

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Personnel Director

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