**Class Summary**

The responsibilities of this classification include operating, monitoring, troubleshooting and maintaining equipment, systems and processes in wastewater facilities.

**Distinguishing Characteristics**

This is the second level within a five-level Wastewater Treatment Operations classification series. This level is distinguished from the Wastewater Treatment Operator in Training in that it requires a Group I or higher Wastewater Treatment Plant Operator certificate and the incumbent is primarily responsible for operating, monitoring, troubleshooting and maintaining equipment, systems and processes in wastewater facilities.

This classification is distinguished from Wastewater Treatment Senior Operator in that it does not require a Group III Wastewater Treatment Plant Operator certification and the incumbent is not primarily responsible for serving in a lead capacity.

**Examples of Duties**

*Performs the essential duties of the Operator in Training (OIT) and the following:*

1. Operate, monitor, troubleshoot and maintain systems and processes in wastewater and stormwater facilities.
2. Conduct sampling and test analysis of wastewater. Determine, recommend/implement changes to systems and processes to meet permits and regulations and to optimize the performance of wastewater facilities..
3. Train others on site-specific areas through on-the-job-training.
4. Act as trainers in the new OIT program.
5. Start up and shut down equipment and processes for maintenance and contractors.
6. Perform maintenance on wastewater facilities, including buildings, equipment and grounds. Duties include cleaning, servicing operating equipment, mowing lawns and performing housekeeping tasks.
7. Communicate with the public, construction personnel, consultants and engineers to resolve complaints, provide construction assistance, give tours and carry out related duties.
8. Exchange information on wastewater operations, maintenance and processes with County staff and others as required involved in process control, maintenance, facilities services, off-site facilities services and other areas.
9. Respond to unusual occurrences, assist in emergency responses, and may serve as on-scene incident commander.
10. Operate, monitor and control wastewater equipment and systems using complex computer systems.
11. Record technical data and daily activities on logs.
12. Perform all essential duties in compliance with safety guidelines, policies and regulations.
13. Develop and review Process Safety Management (PSM), Preventative Maintenance (PM) and Hazardous Energy Control Procedures (HECP) and provide draft documentation.
14. Perform other related duties as assigned.

**Knowledge/Skills**

Knowledge of wastewater treatment processes, including preliminary, primary, secondary, digestion, gas handling systems, sludge handling, plant-wide air, water, chemical, electrical and hydraulic support systems.

Knowledge of collection systems; including pump stations, regulator stations, CSO facilities and miscellaneous structures.

Knowledge of mechanical and electrical theory, cross connections and pumps

Knowledge of wastewater terminology and process control

Knowledge of industrial safety procedures and practices

Knowledge of and skill in applying sampling, testing and laboratory procedures

Skill in verbal and written communication techniques and principles and ability to read, write and follow oral and written instructions

Skill in reading, recording and interpreting information from field devices

Skill in operating basic hand and power tools and specialized equipment

Skill in operating complex computer control systems and identifying normal and abnormal operating conditions

Skill in the interpretation and application of technical information from plant drawings, operations and maintenance manuals, and lab tests

Ability to work rotating shifts including nights, weekends and holidays and demonstrate predictable, reliable and timely attendance

Ability to work during adverse and inclement weather conditions

Ability to lift and carry equipment weighing up to 50 pounds

Ability to work in confined spaces, climb in and out of tanks using ladders, and work around noxious odors, heat and high noise levels

Ability to effectively engage in and sustain relationships with people from diverse cultures and socio-economic backgrounds

Ability to work independently and as a team member

Demonstrated proficiency with business applications, such as Microsoft Office suite

**Education and Experience Requirements**

Any combination of education and experience that clearly demonstrates the ability to perform the job duties of the position

**Licensing, Certification and Other Requirements**

Washington State Group I Wastewater Treatment Plant Operator certification from the Washington State Department of Ecology or out-of-state equivalency which must be converted to a Washington certification within one year of employment

Valid Washington State Driver’s License

CPR and First Aid certification

Additional licenses, certifications and other requirements determined to be necessary to meet the business needs of the employing unit may be required.

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| **FLSA Designation** | Non-Exempt |
| **Service Status** | Career Service |
| **EEO Code** | 3 |
| **Levels within same series** | Identification TechnicianIdentification Supervisor |
| **Class History** | Created 11/1996Updated 2/2003 Updated 4/2008 Revised Distinguishing Characteristics Updated 8/2008 Revised duties and Distinguishing CharacteristicsUpdated 4/2011 Minor editsUpdated 3/2017 Revised duties |