**Class Summary**

The responsibilities of this classification include serving in a lead capacity in a work group responsible for operating, monitoring, troubleshooting and maintaining equipment, systems and processes in wastewater facilities .Responsibilities include coordinating, training and providing technical expertise to other wastewater treatment operations staff and coordinating on-site responses to unusual occurrences and emergencies and may fill in for the Wastewater Treatment Supervisor.

**Distinguishing Characteristics**

This is the third (senior) level within a five-level Wastewater Treatment Operator classification. A Washington State Group III, or higher, Wastewater Treatment Plant Operator’s certificate is required. Incumbents in this class apply specific knowledge and experience in performing lead responsibilities and participates primarily as a subject matter expert in the operation of a large section of the plant and/or plant-wide processes and systems, odor control and/or collection/conveyance systems and processes.

This classification is distinguished from the Wastewater Treatment Senior Operator In Charge in that the incumbent does not plan, schedule and coordinate the work of a crew The Wastewater Treatment Senior Operator – In Charge and Wastewater Treatment Supervisor classifications are not part of the job progression plan for the classification series.

**Examples of Duties**

*Performs the duties and responsibilities of a Wastewater Treatment Operator and the following:*

1. Serve in a lead capacity to operate, monitor, troubleshoot, and maintain wastewater treatment facilities, odor control equipment, biological, chemical, mechanical and hydraulic processes. Provide advanced level troubleshooting, problem-solving, coordination and decision-making when performing duties, particularly in on-site, unusual and/or emergency situations. Be on call after hours for such situations. Recommend and/or determine changes to wastewater process to meet federal and Washington State permits and regulations and to optimize plant performance. Provide broad, in-depth on-the-job training to other wastewater operations staff. Assist the supervisor in performance feedback and evaluation of staff.
2. Plan, schedule, coordinate and perform maintenance for assigned wastewater facilities, systems and processes. Coordinate and perform on-site response to unusual occurrences and emergencies.
3. Serve as technical resource to the other staff, the general public and external agencies.
4. Operate, monitor and control wastewater equipment and systems with complex computer systems.
5. Assume the full operational responsibilities as assigned by the supervisor in the absence of the Wastewater Treatment Supervisor.
6. Perform other related duties as assigned.

**Knowledge/Skills**

Advanced knowledge and skill in plant-wide gas, disinfection and chemical feed systems, heating, ventilation and air conditioning, odor control, electrical, water, air and hydraulic systems

Advanced knowledge and skill in major components, causes for alarms, remote monitoring and control system for the equipment and systems in the preliminary, primary and secondary solids handling, odor control and collection /conveyance systems

Skill in providing in-depth training to staff on facility equipment and systems

Knowledge and skills in operating complex computer control systems and in managing written and/or computerized information systems including logs, reports, laboratory and process data, work requests and timekeeping responsibilities.

Knowledge of leadership techniques and principles.

Skill in creating a positive, professional team environment, including the business planning process, the establishment of standards and feedback, communication, conflict resolution, effective team meetings, problem-solving, decision-making and facilitation

Advanced skill in the application of safety policies, procedures and practices

Skill in interpreting and applying technical information from plant drawings, technical data sheets, operations and maintenance manuals and laboratory test results

Skill in operating specialized portable and stationary equipment such as boom trucks, forklifts, generator trucks, steam cleaners, mobile pumping units and overhead cranes

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 III, 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 Technician  Identification Supervisor |
| **Class History** | Created 11/1996  Updated 2/2003  Updated 4/2008 Revised Distinguishing Characteristics  Updated 8/2008 Revised duties and Distinguishing Characteristics  Updated 4/2011 Minor edits  Updated 3/2017 Revised duties |