

WASTEWATER TREATMENT PLANT OPERATOR II

DEFINITION

Performs a variety of skilled technical activities, including routine laboratory tests, in the operation of a wastewater treatment plant.

DISTINGUISHING CHARACTERISTICS

This is the journey level position in the Town Wastewater Treatment Plant Operator series. Duties and responsibilities range from performing laboratory tests and interpreting the results to cleaning sewers and storm drains. Assignments differ from the Wastewater Operator I assignments by the extent of the technical knowledge and responsibility exercised by the Wastewater Operator II in the overall functioning of the treatment plant.

SUPERVISION RECEIVED

General supervision is provided by the Wastewater Treatment Plant Supervisor. Because technical skills in the operation of a wastewater treatment process are expected to accompany the incumbent, supervision is generally in the nature of explaining specialized assignments or when need arises.

ESSENTIAL DUTIES

Sets pumps and valves; cleans sewers, storm drains and operates Hydro Truck; makes routine wastewater laboratory tests and interprets results; diagnoses problems with wastewater equipment and makes recommendations; greases and cleans equipment including adjusting and repacking pump valves; operates and checks operation of wastewater equipment; repairs small tools and equipment; reads gauges and adjusts wastewater system operating controls; maintains records of completed work; takes charge of wastewater operations in absence of supervisor.

OTHER DUTIES

Monitors sewer collection system; maintains air, electrical and mechanical systems; maintains and cleans buildings and grounds; provides twenty-four hour standby assisted by a call pager. May be assigned equipment maintenance duties for Town vehicles and equipment.

QUALIFICATIONS

Experience/Education/Training

Sufficient experience and education to successfully perform the duties of a Wastewater Operator II in the Town of Yountville. A typical way of obtaining the required qualifications is to possess the equivalent to two years of related water treatment operations experience and to have the equivalent to a twelfth grade education with specialized training in wastewater treatment and collection system processes. Equipment maintenance/mechanical experience is highly desirable.

Knowledge/Skill/Ability

In addition to the knowledge, skill and abilities expected of a Wastewater Operator I, the incumbent in the Wastewater operator II position is expected to possess demonstrated knowledge of the principles and methods of wastewater treatment systems; the mechanics of pumps and motors; the purposes and safe use of tools and equipment in the repair and adjustment of plant equipment; chemical and biological tests used in monitoring wastewater treatment plant processes; the operation and maintenance requirements of a variety of light and heavy power driven equipment. Demonstrated skill in performing technical procedures in wastewater operations, performing and interpreting of laboratory tests in wastewater

treatment monitoring, operating a variety of heavy and light power driven gas and diesel equipment, performing complex mechanical maintenance and trouble shooting mechanical problems are required. Additionally, the skill in inspecting the overall operations of a wastewater treatment system including detecting problems, maintaining and repairing plant facilities and equipment, maintaining accurate and readable records, exercising good judgment in response to operational problems, communicating orally and in writing clearly and concisely, establishing and maintaining effective working relationships with others also are required.

Working Conditions

Position requires sitting, standing, walking on level and slippery surfaces, reaching, kneeling, bending, stooping, crawling, squatting, crouching and grasping in the performance of daily duties. The use of an acute sense of smelling and hearing is needed in detecting digester and bearing problems. The position also requires both near and far vision while making visual checks of the treatment process and working on equipment. The need to lift, carry and push motors, pipes,, valves, fittings, pumps, and other equipment and supplies weighing 50 pounds or more is also required. Additionally, the incumbent works in all weather conditions including wet, hot and cold. The use of lubricating ingredients and working around sewer gases exposes the employee to fumes, dust and air contaminants which may cause eye and skin irritation. The nature of the work also requires the incumbent to climb ladders and walk scaffolds, to handle noise producing tools and equipment, to drive a motorized vehicle and to work with power tools in wet conditions that exposes the employee to possible electrical hazards.

LICENSE/CERTIFICATE

Possession of a Class B California motor vehicle operator's license and a California Wastewater Treatment Plant Operator Grade II certificate issued by the State Water Resource Control Board are required by date of employment. Additionally, incumbent must obtain a Grade I Collection System certificate within 18 months of employment.

This classification is subject to the Department of Transportation drug/alcohol testing requirements, including pre-employment testing and random and post accident testing after employment.