

City of La Feria Job Description



Job Title: Water and Wastewater Plant Operator

Reports to: Water and Wastewater Plant Director

Job Description:

Controls treatment plant machines and equipment to purify and clarify water for human consumption and for industrial use. Operates and controls electric motors, pumps, and valves to regulate flow of raw water into treating plant. Dumps specified amounts of chemicals, such as chlorine, liquid ammonium sulfate, and caustic soda into water or adjusts automatic devices that admit specified amounts of chemicals into tanks to disinfect, deodorize, and clarify water. Starts agitators to mix chemicals and allows impurities to settle to bottom of tank. Turns valves to regulate water through filter beds to remove impurities. Pumps purified water into water mains. Monitors panel board and adjusts controls to regulate flow rates, loss of head pressure and water elevation, and distribution of water. Cleans tanks and filter beds, using backwashing (reverse flow of water). Repairs and lubricates machines and equipment, using hand tools and power tools. Tests water samples to determine acidity, color, and impurities, using colorimeter, turbidimeter, and conductivity meter. Adds chemicals such, as alum into tanks to coagulate impurities and to reduce acidity. Records data, such as residual content of chemicals, water turbidity, and water pressure. May operate portable water purification plant to supply drinking water. Follows established duties for water and wastewater plant and part of the collection and distribution system. Operates jar test devices to assure maximum quality for finished water. Operates instrument devices for the analysis of the wastewater raw influent and effluent flows; Maintains grounds at water and wastewater plants, water towers, and lift stations by mowing and removing weeds. Transports recycling trailer to the Harlingen recycling center. Provides a list of chemical re-agents and material needed for the laboratories. Performs other duties as assigned.

Job Specifications:

High School Graduation or GED
Class "C" License
Ability to work alternating day/night shifts