



Water Plant Operator

Department/Division:	Public Works
Reports To:	Division Manager
Provides Direction To:	N/A
Bargaining Unit:	Teamsters
Exemption Status:	Non-Exempt
Employment Status:	Classified
Date Prepared:	February 1, 2005
Date Revised:	July 5, 2018

GENERAL PURPOSE

Under general supervision, monitors the City's water, wastewater and storm water systems utilizing the SCADA system or by operating manual equipment, pumps and valves and to perform related work as required.

ESSENTIAL JOB FUNCTIONS

1. Operates manual and automatic water pumping facilities; assists in estimating outflow requirements; sets pumps and inflow valves to meet anticipated needs; and reroutes water flow to meet emergency needs.
2. Performs daily physical checks of all water pumping facilities and conducts daily check of chlorine residual levels and chlorination of water (blending) as needed.
3. Takes routine and special water samples following established protocols.
4. Monitors, coordinates sample results with State and local schedules, and completes mandated compliance reports.
5. Responds to any afterhours emergency calls when on shift by reporting to the job site or rerouting or transmitting night messages to public works or other personnel.
6. Performs predictive and preventative maintenance.
7. Assists in repair and maintenance of water treatment facilities, pumping facilities and chlorinator, including valves and electric motors; checks bearings and motors.
8. Cleans, greases, and oils equipment; cleans pump plant buildings; maintains grounds around pumping stations; and cleans screens and inspects reservoirs.

9. Confers with supervisor on operating conditions and reports unusual circumstances.
10. May lead the work of contract personnel or other maintenance staff assigned to assist the incumbents.
11. May be required to work shifts, weekends, and/or holidays.

QUALIFICATIONS

Training and Experience: One (1) year of recent experience in the maintenance and operation of the facilities of a domestic water distribution system.

License and Certificates: Possession of a State Water Resources Control Board T2 Water Treatment Certificate at time of application. Possession of a State Water Resources Control Board D3 Water Distribution Operator Certificate is required within one (1) year of employment. Possession of a valid California Class "C" driver's license at time of employment.

Special Requirements: Must comply with a 30-minute response to a standby call from main pumping plant.

Knowledge, Skills and Abilities: Knowledge of the methods, materials, equipment, and tools used in the operation and maintenance of water production, distribution, and storage facilities; ability to make mechanical repairs and adjustments; ability to read meters and gauges and adjust or regulate as necessary; ability to use tools and equipment safely for pump maintenance and repair work; ability to work cooperatively with others; ability to work irregular hours and report to work afterhours when on shift if necessary.

PHYSICAL DEMANDS AND WORKING ENVIRONMENT

While performing the duties of this job, the employee must frequently lift and or move up to 25 pounds and occasionally lift and/or move up to 100 pounds. Specific vision abilities required by this job include close, distance, color, and peripheral vision, depth perception, and the ability to adjust focus. The incumbent works regularly in outside weather conditions; frequently works with moving mechanical parts; and is exposed to wet and/or humid conditions, vibration and confined spaces. The incumbent occasionally works in high, precarious places and is occasionally exposed to fumes or airborne particles, and toxic or caustic chemicals.