Water Operator Job Description

**Overview**

Monitor and maintain water treatment plant, wells, booster stations, water towers, water distribution system, customer meter pits, water meters and pressure reducing valves.

**Water Plant**

* Conduct daily water tests (pH, chlorine, alkalinity, hardness).
* Maintain lab and lab equipment.
* Daily, weekly and monthly maintenance on high service pumps, water filters, basins, lime silo and lime feeding equipment, CL2 (chlorine gas) and Co2 injectors.
* Use the SCADA (supervisory control and data acquisition) system. It’s a computer control program that runs the wells, water plant, booster station and water towers.
* Monitor chemical injectors. Calculate chemical feed rates and adjust according to water flow rate.
* Take monthly, quarterly and yearly water samples and water tests for KDHE.
* General maintenance and cleaning of the water treatment plant and grounds.

**Distribution System**

* Conduct weekly and monthly maintenance on the wells, booster stations and water towers.
* Mark the distribution water lines for Kansas one call/ dig safe.
* Investigate customer complaints about water pressure, sediment, taste and odor.
* Dig up and replace meter pits and meter rings.
* Replace old and dysfunctional water meters and PRV’s (pressure reducing valves).
* Monitor and assist contractors when digging and working on water lines.
* Flushing water lines to clear out air and sediment.
* General maintenance at the district office.
* Any other tasks and duties assigned by the district manager.