

## **The Water District Is Ready For Summer**

Even though it may seem like you opened Christmas presents just last week, summer is already here, especially for the Indian Wells Valley Water District. Beginning in May, demand for water in the IWV increases significantly. Since evaporative coolers, outdoor irrigation and aboveground pools all require much more water when temperatures soar, District crews have been busy preparing your pumping and distribution systems for this annual surge. I thought you might be interested to learn about some of our ongoing and seasonal testing and maintenance practices.

Each well undergoes a rigorous annual inspection. To ensure that optimum operating temperatures for motors are not exceeded during the hottest months of the year, District crews schedule and complete oil changes, clean exhaust vents and service each well house's cooling system. Magnetic starters located at each well head are checked and the well machinery is examined for appropriate amperage, voltage and pump flow.

The Water District's chlorine systems are monitored continuously and every injection line receives a new check valve. The chlorine analyzers are actually examined and cleaned monthly so they will accurately measure the chlorine residual.

The Water District has both diesel and natural gas standby emergency generators at wells and booster stations to serve as an optional power source in case of a prolonged power outage. These generators are put under load and tested for operational performance. They are then serviced for the District's most crucial pumping season.

And finally, all the District's transducers are taken apart, cleaned and tested for accuracy. Transducers play a vital role in the pumping and delivery network because they sense pressure in our reservoirs. This reading is then translated into a measurement of water depth and relayed to District offices via telemetry. When a reservoir is low, a signal is sent calling for increased water production.

As you can see, Water District employees work hard year round – but especially in the spring – to keep our pumps, boosters, telemetry, tanks, valves and pipes in excellent operational order. Our goal is to provide you with clean, safe, great tasting water at a reasonable price for the foreseeable future and beyond. We are here to serve you.