



LAKE DON PEDRO COMMUNITY SERVICES DISTRICT

OPERATIONS MANAGER REPORT

Board of Directors Meeting
Monday, August 15th 2016

During the month of July much of our time was spent operating and maintaining the treatment plant due to the higher summer months water demands. Staff's remaining available time was spent performing system maintenance, working on completing the water meter cut in installation at the treatment plant and responding to customer service requests.

We had a total of forty four customer service requests in the month of July. Twenty one of them were meter read requests. Seven for reporting/locating leaks. These leaks were repaired soon after being reported. One of the leaks was a customer's leak and one is still in need of repair. Three requests were concerning customers with high pressure. I explained to the customers that the district is only responsible to provide a minimum of 20 psi and there is no max on what is delivered to their house. Because of the topography of the area the pressures vary tremendously. They were also instructed to install pressure regulating valves on their houses if they are concerned about high pressure. The remaining thirteen service requests were meter related. Install, disconnect, lock off, unlock etc.

Maintenance on the treatment plant consisted of cleaning and calibrating of all our process analysis equipment. Replacing the polymer chemical feed pump. Two turbidimeters are still in need of replacement. We have the equipment on hand but these two remaining turbidimeters are not required for reporting purposes so installing the new ones we have are a low priority. Replacing and rewiring the new updated models requires a large amount of time so these will probably be replaced at a later time when more time is available.

Two of our sedimentation basins flocculators have stopped working also. The gear boxes that spin the flocculators have seized up. This has happened once in the past since the basin was upgraded and they were replaced about five years ago. I have contacted the company that installed these units and was told they have a better design that would work better for our application. I am waiting on a price and availability for replacement units that are a different model and more reliable. That being said the treatment plant is still running reliably and continues to provide adequate amounts of safe drinking water during these high demand months.

Our water supply is still looking good. The lake is dropping as expected but at this point we are in no danger of running out. With the levels starting to drop there will be some time required a day or so a week to go back to moving the barge and adding pipe. The new wells have run reliably during the times that we were not able to pump from the lake. During the month of July only the Medina well was run for a short period of time. Ranchito 2 was not run during July due to leaks on that section of the raw water line that needed to be shut down and isolated. Well 5 was not run because it was not needed at this point as we are getting a majority of our water from the lake.

Regular system maintenance also continues daily. These include sensitive adjustments to the hydro pneumatic tanks, repairing a leaking pipe at Arbolada hydro pneumatic tank and replacing an electrical starter at the same site, minor electrical repairs at the Enebro and Coronado tank sites and troubleshooting / completing the drive by meter system. We are down to about 70 meters that are still in need of inspection as to why they are not reading properly or at all. Most of these remaining meters are in need of the transmitters being replaced, either due to malfunction of equipment, possible vandalism and rodents eating the wiring. The suspected failing transmitters that are removed have been sent back to the manufacturer for diagnosis as to why they are failing. The ones that pass inspection and are found to be operational will be sent back to us so we don't have to buy more replacements. We are currently waiting for the arrival of more transmitters that have already been ordered and should be here anytime.

Randy Gilgo
Water Operations Manager/Chief Operator
Lake Don Pedro C.S.D.