



Caring for Nine Rural Water & Six Waste Water  
Systems throughout Klickitat County

6/28/24

To Lyle Community Council,

As you know, on June 2 the Lyle reservoir ran out of water. Our operators found that the control system computer at the reservoir locked up so the well pump did not run to fill the reservoir. At the same time, the communications system did not send out an alarm to alert that the reservoir level was falling.

The system seems to be function correctly. However, we are currently addressing four specific issues and expect to have solutions implemented in the next two weeks.

First, we are upgrading the communications system to improve the reliability. Second, we are adding monitoring equipment in our headquarters so if there is a communications problem, we will know about it and we can have operators physically check the water reservoir as required. Third, we are replacing the variable speed drive on the pump. The new drive will be a standard unit used on other systems and will allow us to more easily monitor if it is running. We will also have a spare in case of issues.

Lastly, our operators have been checking the system daily and now will perform these checks late in the day until these improvements are made and we verify it is operating reliably.

As for the status of the Upper Well, Aspect Consulting, a Geosyntec Company, conducted a video scan of the well and found that the loss of capacity was due to borehole collapse and aquifer static water levels have remained stable.

The collapse of the upper well does not hinder the ability of the system to supply water. It does however limit the capacity to have an emergency backup source. KPUD will continue to work with Aspect Consulting to investigate options for a replacement source.

Regards,

Klickitat PUD Water Department