



# Lake Limerick Water

## Manager's Report July 2020







August 8th, 2020

Lake Limerick Water System: Water Committee Meeting regarding August 2020.

The general condition of the water system is currently good, with reliable water availability to the customers. Although, we have experienced VFD and motor power faults at various well sites (especially Well 6). When Well 4 stopped production it was due to a blown fuse that happened at the approximate same time that PUD had a transformer issue in Well 4's immediate vicinity.

SCADA is regularly monitored and operated everyday.

### Well Conditions:

-  Well #1 is operating "normally". Frequent Comms/electrical issue (Working on it)
-  Well #2 is still in stand-by and is considered a Seasonal use per Water Rights.
-  Wells #3A/3B are operating "normally".
-  Well #4 is operating "normally".
-  Well #5 is operating "normally".
-  Well #6 is operating "normally". Although, frequent motor/VFD failures (working on it)

### Water Usage:

9,215,200 gallons were pumped,  
8,796,063 gallons were metered from distribution  
419,137 gallons net loss  
4.5% Loss

### Customer Concerns:

LLWS had 12 regular locates.

### Water Sampling:

LLWS performed water sampling for the month of July and received and all were satisfactory.

### **Action Items**

**Well Site #6:** There have been issues with the motors having “errors.” Don Bird and I are working on this.

Late night call outs and well site failures are frequently occurring. These failures happen every night during hotter weather. This may be due to PUD’s electrical demand and power supply fluctuations. This is being investigated.

Alarms still in effect at sites #2 (currently off), and #5 (intrusion alarm).