

## **Hi-Land Acres Water and Sanitation District**

### **North Well**

- North well is not in use currently.
- The tank is being drawn down and refilled with well water from the South.
- The North Well hatch has had a new seal installed.
- The North Well vent has had some additional screening installed as the screen was not sufficient size on the vent.
- ORC installed a cap and connection piece to enable use of the drain line with a hose.
- We purged the north well and took samples according to the state requirements.
- We have found the drain tile does not work well when we drain tanks as it sends water out of the tile and not down the road piping. We believe a check valve needs to be installed on that tile piping.
- The North well can be put in standby emergency status which would remove the need for sampling. If the well needs to run in an emergency, we would need to take samples prior to getting it online. Currently we need to sample this well quarterly. Please discuss this option and let me know if you'd like to discuss further.

### **South Well**

- Normal operation without any difficulties.
- Tank level within normal range for the month.
- With North well turned off, the South well is handling all distribution usage needs.
- The south tank vent is also not screened adequately. We need to get up and screen that vent and will do so when weather permits.

### **Distribution System**

- The meter reading equipment is out of date. We are unable to collect the reads some months as the system is utilizing a computer that is no longer supported by Windows. Badger meter is recommending replacement of the radio endpoints with cellular endpoints to be read cellularly and uploaded to the cloud. See information here: <https://www.badgermeter.com/products/endpoints/orion-cellular-endpoints/>
- The meter reading equipment is not functioning properly. We were able to collect the readings, but not in the manner that is consistent with accuracy and ease. I have a proposal for replacing the meter registers with a cellular option.
- Bacteriological sampling collected and passed.

**ORC Water Professionals  
Operations Report  
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Prepared by: Gabrielle Begeman**