

Hi-Land Acres Water and Sanitation District

North Well

- The vent on the north tank is outdated and lacking the proper protective screening. We recommend replacing this vent with a more robust and compliant model. See the attached quote to install a new vent.
- The North tank overflow line should be collected and routed through a subsurface pipe to the drainage for the property. Please see the attached quote to install a subsurface overflow pipe and run to eventual trench to drain away from the property.
- During the summer months the well often trips on imbalance. This could be corrected with a device that Boulder Water Well is looking into which maybe upwards of \$10,000.
- Additional troubleshooting is necessary to ensure the failsafe switch is operational if the boosters fail on one side the other side will pick up. I don't have any update on this other than speaking with Devin who told me he would look into it.
- The GFI was replaced in the North Well feeding power to the alarm system. The alarm system kept losing power and this seems to have mitigated it.

South Well

- The South tank has an outdated vent without proper screening. The tank has a dome roof which makes inspection unsafe without the proper safety harness equipment installed. See the attached quote to replace the vent and install proper safety equipment on the current ladder and domed roof.

Distribution System

- All valves have been located, exposed and exercised. There is one valve that needs to be sucked out on Elmira and Hwy 7. We will attempt to clear it with hydrant water and a shop vac. If that is unsuccessful we will hire a hydro excavator.
- Hydrants should be flushed next spring after the controls are fixed to ensure both booster stations work together.
- The hydrant at the East end of 159th Ave will need to have the seat replaced and the hydrant rebuilt. Steve with Action Hydrant can do this for \$1,200. We are asking for approval to move forward with this repair as the hydrant is currently bagged and out of service.