Gmail **Wynola Waterdistrict <wynolawater@gmail.com>**

Monthly reports

1 message

Tim C Guishard <guishard@sbcglobal.net> Fri, Jul 10, 2026 at 7:15 AM
Reply-To: Tim C Guishard <guishard@sbcglobal.net>
To: "jim@wynolawater.com" <jim@wynolawater.com>, Jim Madaffer <jim@madaffer.com>, Wynola Waterdistrict <wynolawater@gmail.com>

Well 3:

Is still plugging away. We finally got good samples from the well and placed it back on line on May 22. We have installed a new submersible pressure transducer (measures water level in the well and reports this to the SCADA) in the well and are modifying the speed of the pump (currently slowing it down) to maximize efficiency of both the well and pump.

Well 7:

Is also plugging away. We attempted to install a new submersible transducer in the well, but it will not pass the ~320' elevation. I'll need to pull the pump up to the defect to determine what is wrong with the sounding tube. I do not want to pull this pump until well 11 is back on line.

Well 10:

As I have mentioned in the past this appears to be one of the most efficient wells WWD has. We have installed a new submersible pressure transducer in the well and the data suggests we have maximized efficiency of both the well and pump.

We need to concentrate on getting permanent power connected to this well, and then the concrete and fencing completed.

Well 9:

Is still off line.

Well 11:

Is now functional. The new VFD had finally been installed. It has taken a couple of disinfection efforts and lots of flushing to get the well to this point. Several bad bacteriological samples were collected. We now have one good bacteria sample and have collected another sample this week. As of writing this message the written results of the latest sample have not been received, but I have not received a call from the lab indicating the sample is bad. As a result I plan to place the well back on line on Monday.

We have installed a new submersible pressure transducer in the well and are modifying the speed of the pump (currently increasing the speed) to maximize efficiency of both the well and pump. It appears that well 10 still might be the better well as far as wire-to-water efficiency.

The work on the generator project is continuing. We hope to have the generator in place around October.

Well levels:

Now that accurate water levels are being recorded, I have a better picture of the groundwater in WWD. The older sonic sensors were not recording accurate water levels. I'll update the records and have them available next month.

Water Quality:

Because I am modifying the SCADA frequently to account for water quality and pump run hours, the water quality is staying much better than when I originally started. I have attached the spreadsheet with latest lab reports for iron and manganese, which includes the raw water quality and what is being delivered into the distribution system.

Treatment plant:

The surveyors and the soils engineers, have completed their initial work and turned in their records to Dudeck.

Dudeck is working to submit the pilot testing protocol to DDW. This testing will determine the most efficient methods to reduce the iron and manganese below regulatory limits and determine the costs to dispose of the waste that will be generated by the treatment processes.

In a meeting with the State regulators, we have discussed the presence of PFAS in some of the wells. It was determined that at this time we do not need to treat for these. Space dedicated for future treatment will be included in the treatment plant design. While treating for these is easy, the eventual disposal of the contaminated filter media is very expensive.

Respectfully,

Tim Guishard

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