Gmail

Wynola Waterdistrict <wynolawater@gmail.com>

BOD report

1 message

Tim C Guishard <guishard@sbcglobal.net> Sat, Sep 12, 2026 at 8:41 AM
Reply-To: Tim C Guishard <guishard@sbcglobal.net>
To: JIm Madaffer <jim@madaffer.com>, Wynola Waterdistrict <wynolawater@gmail.com>

We now have accurate water levels being reported from all wells. I was so busy the past month, I barely had time to produce this report. I'll work on updating the well water level spreadsheet for another meeting.

There was a significant leak in August, due to tree roots damaging a service line. A temporary repair has been made. I am concerned about possible damage under the road, but it will cost a lot of money to repair the road to investigate any possible damage to the pipe. For now we have replaced the pipe between the edge of the road and the customers water meter. We also updated/upgraded their meter to one that is FLUME compatible and one size larger than they had.

In the same location we did find a component called an "air-vac" that was buried underground. These are not supposed to be installed underground, as the water system can get contaminated if the component is leaking or when the water main gets shut down. This component is also connected to the water main with steel piping that could fail at any time. For now we will leave the component exposed above ground, but will not re-pipe it with poly pipe, as again this requires digging into the street. The location of this component, suggests that there might be a 6" main valve buried under the street, as these components are usually installed on the down hill side from mainline valves. Another mystery at WWD.

Well 3: Is still plugging along. Capacity is down slightly to an average of 3.9 GPM with a pumping level of 500' after pumping for 8 hours per day.

Well 7: Is also plugging along. Capacity is holding at an average of 8.1 GPM with a pumping level of 600' after pumping for 8 hours per day. Due to higher PFAS concentrations in this well, I am not pumping it as long as I think I could.

Well 9: Is still off line.

Well 10: is still WWD's highest efficiency well in the form of water produced, per watt of energy consumed. It is continuing to produce 26 GPM with a pumping level that never has exceeded 400' no matter how long it is pumping. I do have it somewhat limited in pumping time, to try to keep the iron and manganese levels being delivered to the the customers as low as possible.

Well 11: Is producing the highest GPM with very low drawdown. However the iron and manganese levels are so high, I am using it as little as possible. I have it limited to pumping around 30 GPM and the pumping level is holding around 325' when pumping for 2-4 hours per day.

The water quality results continue to maintain just under the action limits for the water being delivered to the customers. See attached water quality spreadsheet.

I have added some information to the bottom of the water production spreadsheet, showing the percentage of water being produced by each well.

Per Jim's request, I have changed programming in the SCADA so that his and the WWD e-mails are notified any time someone access' and makes changes to the SCADA.

Respectfully,

Tim Guishard

Tim Guishard Enterprises
www.timswatersolutions.net
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2 attachments

Wynola WD Iron and Manganese concentrations September 2026 update.pdf
74K

Wynola WD, Daily Water Production August 2026.pdf
64K