

September 12th, 2025

Paul Wilburn
Tri-City JW&SA
215 N. Old Pacific HWY
Myrtle Creek, OR 97457

sent by email only

**Re: Angus Lane Water Reservoir (PR#107-2025)
Tri-City JW&SA (PWS ID#00549)
Conditional Approval**

Dear Paul Wilburn:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the new reservoir for Tri-City JW&SA water system. On August 18th, 2025, DWS received plans, geotechnical report, land use compatibility statement, specifications, a completed distribution plan review exemption, and a plan review fee of \$3,300.

The project includes the construction of new water line and a 250,000-gallon metal water storage tank. The work will be located in the foothills east of Tri-City, Oregon.

The plans are approved subject to the following conditions:

Finished water storage-

- Provide engineered design for new water storage concrete foundation. Concrete shall be provided with sufficient reinforcing to prevent the formation of cracks, and waterstops and dowels shall be placed at construction joints. Poured-in-place wall castings shall be provided where pipes pass through the concrete. Refer to OAR 333-061-0050(6)(a)(D).
- The finished water storage capacity shall accommodate needed fire flows to fire hydrants. Refer to OAR 333-061-0050(6)(a)(H).
- Finished water storage facilities shall have watertight roofs. Refer to OAR 333-061-0050(6)(a)(I).
- The new reservoirs overflow/drain discharges to a storm drain manhole prior to

discharging to a daylighted outfall. Being other storm drainage is plumbed to the same manhole; the overflow drain outlet in the manhole shall be fitted with angle valve or equivalent protection. Refer to OAR 333-061-0050(6)(a)(M).

- When the access manhole is on the roof of the reservoir there shall be a curbing around the opening and a lockable watertight cover that overlaps the curbing. Refer to OAR 333-061-0050(6)(a)(J).

Disinfection of facilities-

- Following construction or installation of new facilities and repairs to existing facilities, those portions of the facilities which will be in contact with water delivered to users must be cleaned and flushed with potable water and disinfected according to AWWA Standards C651 through C654 before they are placed into service. Refer to OAR 333-061-0050(10)(a).

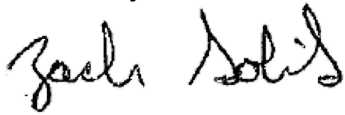
In addition, I have the follow comments. With the public water system renewing their plan review exemption from distribution plan review, the engineer-or-record will want to ensure the design addresses the following comments.

- Air-relief valves shall be installed at high points where air can accumulate. The breather tube on air-relief valves shall be extended above ground surface and provided with a screened, downward facing elbow. Refer to OAR 333-061-0050(8)(i).
- The distance between tracer lead access locations shall not be more than 1,000 feet. Joints or splices in wire shall be waterproofed. Ends of wire shall be accessible in water meter boxes, valve boxes or casings, or outside the foundation of buildings where the pipeline enters the building. Refer to OAR 333-061-0050(8)(k).

Until we receive verification that the conditions have been met, and final approval has been issued, the new storage tank is not approved for use. Upon completion of the project, the engineer must verify in writing that construction was completed according to the submitted plans. If substantial changes are made, a set of as-built drawings must be submitted. Documentation demonstrating how the above conditions were met should reference Plan Review #107-2025 and can be emailed to me at zachariah.cunningham-golik@oha.oregon.gov.

If you have any questions, please feel free to call me at 541-231-9077.

Sincerely,

A handwritten signature in black ink, appearing to read "Zach Golik".

Zach Golik, PE
Regional Engineer
Drinking Water Services