

January 21, 2026

Trask Ritter, PE
Anderson Perry & Associates
PO Box 1107
La Grande, Oregon 97850

**Re: New Well, Pump Station and Reservoirs, Plan Review #2-2026, Crane Union
High/Elem SD 1J, PWS ID #4190548
Conditional Approval**

Dear Trask:

Thank you for your submittal of plan review information to the Oregon Health Authority's Drinking Water Services (DWS). The well driller's report was obtained on September 25, 2025. Plans, specifications, and a Land Use Compatibility Statement were received on December 31, 2025. The plan review fee of \$825 was received on January 7, 2026. The project consists of connecting the recently drilled Well #3, constructing a new pump station, adding two 4100-gallon polyethylene storage tanks, five pressure tanks and related piping and appurtenances. The plans are approved based on meeting the following conditions:

- The wells' piping arrangements must include provisions for pumping the total flow of the wells to waste per OAR 333-061-0050(2)(a)(K)(vi).
- Water quality samples tested by an Oregon certified lab are required from the new well, including coliform bacteria, sets of Inorganic Chemicals (IOCs), Volatile Organic Chemicals (VOCs), and Synthetic Organic Chemicals (SOCs).
- Screened vents must be provided on the 4100-gallon tanks.

I also have the following comments:

- I strongly recommend consulting with the local Oregon Water Resources Department (OWRD) watermaster, Donald Swindlehurst, to confirm all applicable requirements under water rights transfer T-13048 will be met. His phone number is 541-573-2591.

- I recommend a pressure relief valve be installed on the piping near the pressure tanks.
- I note that the pressure sewer line will be relocated outside the 100-foot setback area of Well #2, which will correct the deficiency noted in the 2024 water system survey.

The construction of the new Well #3, HARN 53232/L156710, was reviewed by our staff hydrogeologist who provided the following comments:

84.9 sacks of bentonite were needed for the seal and 85 sacks were used. The well is sealed 10 feet into gray hard clay (fractured) and the construction appears to meet OWRD standards. The area around the well location is surficially mapped as Quaternary Alluvial Fan Deposits (Qf). The aquifer supplying the well will also most likely consist of tuffaceous sedimentary rocks of Pliocene age (Tmst2). The aquifer is unconfined since the static water level did not rise after being encountered at a depth of 115 feet below ground surface. The aquifer is also considered highly sensitive with fecal sources within 500 feet of the well.

If you have any questions or would like this in an alternate format, please feel free to call me at (541) 966-0900 or email at william.h.goss@oha.oregon.gov.

Sincerely,



William Goss, PE
Regional Engineer

c: Julie Wray, OHA-DWS, Portland, OR

Darren Koch, Crane Union High/Elem SD 1J

Brad Baird, PE, Anderson Perry & Associates (pdf copy only)

Kris Byrd, OWRD (pdf copy only)

Tommy Laird, OWRD (pdf copy only)

Donald Swindlehurst, OWRD (pdf copy only)