



PUBLIC HEALTH DIVISION  
Drinking Water Services  
Tina Kotek, Governor

Oregon  
**Health**  
Authority

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August 2, 2023

Brad Baird, PE  
Anderson Perry & Associates  
PO Box 1107  
La Grande, Oregon 97850

**Re: Water System Master Plan, PR #94-2023, Town of Lexington, PWS ID#4100479  
Concurrence with Master Plan**

Dear Brad:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of the draft Water System Master Plan (WSMP) for the Town of Lexington. On July 13, 2023, our office received an electronic copy of the draft Water System Master Plan. The plan review fee of \$825 was received on July 25, 2023. The review of the Master Plan confirmed the criteria listed in Oregon Administrative Rule (OAR) 333-061-0060(5) have been met.

The Master Plan covers a 20-year planning horizon out to the year 2043. It includes a system description, future demand estimates, and a prioritized list of capital improvements with cost estimates. Assuming a growth rate of 0.5% and an average residential daily demand of 325 gallons per capita per day, the projected average day demand will increase from 77,350 GPD to 85,800 GPD, and peak day demand will increase from 261,800 GPD to 290,400 GPD. The City's existing well must run nearly 22 hours per day to meet peak demand, which makes obtaining a second source of supply a high priority. Recommended projects include constructing a new well and pump station, a new 300,000-gallon storage reservoir and transmission line, and select distribution system improvements.

I have the following comments and recommendations:

- I believe the driller's log for Well #1 near the airport is shown on page 51 of the Department of Geology and Mineral Industries Bulletin Number 41, "Ground-Water Studies in Umatilla and Morrow Counties" by Norman S. Wagner. The Bulletin is available online here:  
<https://www.oregon.gov/dogami/pubs/Pages/pubsearch.aspx>

- A more recent 2023 DWS survey report is available to include in Appendix C.
- I note that the preferred funding source for the improvement projects will be determined in consultation with Business Oregon, USDA Rural Development, and/or other funding agencies.
- I note that a previously employed operator reported to DWS that a lead service line was discovered and replaced within the last year. The Town should take into consideration that there may be additional lead service lines when preparing the service line inventory that is due by October 16, 2024.
- I note that Table 6-1 shows an environmental report will be prepared in conjunction with the recommended improvements.
- In Figure 1.3 the direction of water flow from town to the booster pump station should be shown in the opposite direction.
- In the fourth line on page 2-4, it should say “50 parts per billion” instead of “50 parts per million”.

Please send me both a hard copy and a pdf of the final WSMP. If you have any questions, please feel free to call me at (541) 966-0900 or email at [william.h.goss@oha.oregon.gov](mailto:william.h.goss@oha.oregon.gov) .

Sincerely,



William Goss, PE  
Regional Engineer

cc: Julie Wray, OHA-DWS, Portland  
Veronica Ferguson, Town of Lexington  
Ryan DeGrofft, Business Oregon (pdf copy only)  
Shanna Bailey, Business Oregon (pdf copy only)