

Tina Kotek, Governor

February 19, 2025

Mike Miller
City of Florence
250 HWY 101
Florence, OR 97439

sent by email only

**Re: Well (PR#138-2024)
City of Florence (PWS ID#00299)
Site Plan Approval**

Dear Mike Miller:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the new well for City of Florence. On November 7, 2024, DWS received proposed new well plan and design. A plan review fee of \$3,300 was received on September 12th, 2024.

The project includes drilling a well, "Well #14", in the vicinity of other existing groundwater wells. The work will be located in Florence, Oregon.

A regional geologist in our program reviewed the proposed well construction. He noted the following, which should be shared with the well driller:

- The proposed well #14 will be located in what appears to be dunal sand. The well shall be constructed as specified in *Documentation Supporting Oregon Health Authority Plan Review Process City of Florence Well 14*. The well shall be constructed in accordance with OAR 690-210-0130 or the applicable standard based on lithology encountered during drilling. The proposed well seal depth according to submitted plans is 100 feet, consisting of cement grout. The well location shall meet all setbacks.
- The aquifer is considered to be unconfined consisting of deposits of open sand which move in response to wind, Active dunes (Ad). Surface geology as described by H.G. Schlicker, et al, *Environmental Geology of Coastal Lane County*, 1974.

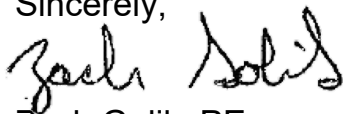
The project is granted site plan approval. Once construction of the well is complete, please submit:

1. The well driller's report (well log).
2. Well pumping test information including static water level, pumping rate, drawdown and rate of recovery.
3. Pump information.
4. Raw (Untreated) Water Quality Data including coliform bacteria, nitrate and arsenic. These are to be taken from the new well's raw water sample tap at the wellhead.
5. Engineered plans that show the above-well structure detail including the well house, concrete slab, drainage, pump-to-waste piping and plans and specifications for connection of the new well to the water system.
6. A copy of the Water Right Permit from WRD, if a water right permit is required.

The above items should reference Plan Review #138-2024 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,



Zach Golik, PE
Regional Engineer
Drinking Water Services

CC: Nick Alviani, DWS Portland