



PUBLIC HEALTH DIVISION  
Drinking Water Services

Kate Brown, Governor

Oregon  
**Health**  
Authority

800 NE Oregon Street, #640  
Portland, OR 97232-2162  
Phone: 971-201-9794  
Fax: 971-673-0694  
[www.healthoregon.org/dwp](http://www.healthoregon.org/dwp)

July 6, 2021

Ed Butts, PE  
4B Engineering & Consulting, LLC  
Via email

Re: **Wells 1A and 1B (PR#76-2021)**  
**City of Monmouth (PWS ID#00537)**  
**Site Plan Evaluation**

Dear Mr. Butts:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the new wells for City of Monmouth. On May 10, 2021, our office received a submittal containing a site plan, land use compatibility statement, proposed drilling specifications, and well logs for nearby wells. A plan review fee of \$3,300 was received on May 19, 2021. The project includes drilling two wells to a depth of approximately 48' deep near the City's existing Well #1.

A regional geologist reviewed the proposed well construction specifications and noted that both wells would likely be drilled into an unconfined sand and gravel aquifer. Additionally, if constructed, both wells would likely need to undergo source assessment testing which may lead to additional sampling for groundwater under the direct influence of surface water (GWUDI) due to proximity to surface water.

The wells are proposed to be located within 100 feet of public roadways, which current construction standards only allow for wells drilled into confined aquifers - see OAR 333-061-0050(2)(a)(D). Please note that the existing Well #1 was drilled in 1978, prior to DWS adopting construction standards.

Due to the location of the roads and the likely unconfined nature of the aquifer, **the site plan/location cannot be approved at this time.** The water system could submit revised proposed site plans for the wells or request a refund of plan review fees.

If you have any questions, please feel free to call me at (971) 201-9794.

Sincerely,

Carrie Gentry, PE

Regional Engineer  
Drinking Water Services

ec: Michelle Byrd, REHS, OHA/DWS  
Tom Pattee, RG, OHA/DWS  
Russ Cooper, Public Works Director, City of Monmouth