



June 2, 2020

Bryan Dickerson, P.E.
Navix Engineering
10135 SE Sunnyside Road, Suite 200
Clackamas, OR 97015

**Re: Graves Road Partition Waterlines, Plan Review # 78-2020
Mulino Water District, PWS ID # 4100547
Conditional Approval**

Mr. Dickerson:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the Graves Road Partition waterlines for the Mulino Water District. On May 26, 2020, our office received plans and specifications, a preliminary land use approval by Clackamas County for the parcel, and a plan review fee of \$825. The project includes C900 PVC and ductile iron pipe to serve the planned partition.

The plans are approved with the following conditions:

1. The easement referenced on the plans, must be recorded with Clackamas County for all sections of the waterline located on private property, as required by Oregon Administrative Rule (OAR) 333-061-0050(8)(a).
2. Disinfection, flushing, and sampling following waterline installation, must conform with American Waterworks Association Standard C651, including the collection of two coliform-absent samples, as required by OAR 333-061-0050(10)(b).
3. All sections of the waterline must maintain a minimum pressure of 20 psi, OAR 333-061-0050(8)(e).

Until we receive verification that the conditions have been met and final approval has been issued, the waterlines are not approved for use. Upon completion of the project, the engineer must verify in writing that construction was completed according to the submitted plans. Additionally, the engineer or someone present during installation of the waterlines must inspect, or be prepared to sign off, before burying the lines. 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 # 78-2020 and can be emailed to me at james.b.nusrala@dhsosha.state.or.us or mailed to:

Attn: James Nusrala
OHA-Oregon Drinking Water Services
800 NE Oregon Street, Suite 640
Portland, OR 97232-2162

If you have any questions or concerns, please contact me at (971) 673-0459, or james.b.nusrala@dhsosha.state.or.us. Your cooperation is appreciated.

Sincerely,



James Nusrala, P.E.
Regional Engineer
Drinking Water Services

ec:

Marvin Yogi Trogdon, Mulino Water District
Rick McIntire, Clackamas County Planning Department
Joel Ferguson, Clackamas County Health Department