

**Application for Waiver from Construction Standards for Public Water Systems**

Water System Name Portland Water Bureau PWS ID 00657  
Project or Facility Fulton Pump Main Replacement County Multnomah  
Need for waiver identified:  Water System Survey Date of Survey  
 Plan Review # Exempt

Construction standard requested to be waived: OAR 333-061-0050 (9)(b) water sewer separation

As provided under OAR 333-061-0055, the Department may grant waivers from the construction standards prescribed by these rules:

- (a) When it is demonstrated to the satisfaction of the Department that strict compliance with the rule would be highly burdensome or impractical due to special conditions or causes; and
- (b) When the public or private interest in the granting of the waiver is found by the Department to clearly outweigh the interest of the application of uniform rules; and
- (c) When alternate measures are provided which, in the opinion of the Department, will provide adequate protection to the health and safety of the public including the ability to produce water which does not exceed the maximum contaminant levels listed in rule 333-061-0030.

Describe situation that conflicts with the standard. Over 3,000 feet of 20" water main will be replaced. The main must cross a combined sewer in several locations. The water main crosses over where possible (2+05, 2+47) though with less than 1.5' clearance, and must cross under in other locations (4+12, 20+78, 24+90, 27+03, 27+82, 30+60, 31+04, and 33+46).

Describe why meeting the standard is highly burdensome or impractical. The combined sewer is too shallow for the large diameter water main to cross over with sufficient separation or must go underneath.

Describe proposed alternate measure that provide adequate protection to public health and safety. In places where the proposed water pipe crosses the existing sewer pipe at an angle (2+05, 2+47, and 30+60), the water pipe will be encased in CLSM for 10' on either side of the crossing. In some places where the water main crosses perpendicularly underneath the sewer main (4+12, 20+78, 24+90, and 31+04), the provisions of 333-061-0050(9)(c)(C) are called out (e.g., note 6 on sheet 8). In other places where the water main crosses perpendicularly underneath the sewer main (27+03, 27+82, and 31+04) the 20" water main will be sleeved inside a 36" steel casing with grout filling the annular space.

*Mac Gifford*

9-15-2023

Signature

Date

Name Mac Gifford  
Address 1900 N Interstate Ave  
City/State/Zip Portland, OR 97227  
Telephone Number 503-823-1507

Attach plans of proposed waiver request or additional supporting information and

- Email your regulator; or
- Email [dws.planreview@dhsosha.state.or.us](mailto:dws.planreview@dhsosha.state.or.us); or
- Mail:  
Oregon Health Authority  
Drinking Water Services #640  
PO Box 14450  
Portland, OR 97293-0450

Comments:

Attachments: Improvement Plans for Fulton Pump Mains Replacement

**OHA Use Only**

Waiver ID 463-2023

Entered into waiver database

Plan Review Coordinator's notes: Proposed encasement with CLSM is an acceptable zone 2 conflict mitigation for crossings at an angle.

After due consideration the above requested waiver from the construction standards of OAR 333-061-0050 is hereby:

Approved      Comments:

Denied

*Kari Salis*

10/25/23

Drinking Water Regional Manager Signature  
Oregon Health Authority

Date

Waiver database updated