

Application for Waiver from Construction Standards for Public Water Systems

Water System Name	North Plains Water department	PWS ID	00576
Project or Facility	Well #3 Arsenic Treatment Improvements	County	Washington
Need for waiver identified:	<input type="checkbox"/> Water System Survey	Date of Survey	
	<input checked="" type="checkbox"/> Plan Review # 22-2022		

Construction standard requested to be waived: OAR 333-061-0050 OAR 333-061-0087(6)

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. All chemicals used in treating potable water are required to have the NSF 60 certification. This project uses liquid calcium chloride as a pretreatment for removing arsenic. The volumes of calcium chloride available for purchase with the NSF 60 certification are no less than a railcar, which is several hundred gallons. This project requires storage of less than 50 gallons

Describe why meeting the standard is highly burdensome or impractical. The water department has no way of storing several hundred gallons of calcium chloride at one time. The treated source is an emergency backup, so it is likely that the entirety of the stored chemical will need to be disposed of after it's 3-year expiration.

Describe proposed alternate measure that provide adequate protection to public health and safety. We are requesting approval to use food-grade calcium chloride in the place of NSF 60 certified. It is available in smaller quantities and safe for consumption.

Attach plans of proposed waiver request or additional supporting information and

- Email your regulator; or
- Email dws.planreview@dhsosha.state.or.us; or
- Mail:
Oregon Health Authority

Krista Busby
Digitally signed by Krista Busby
 DN: c=US, E=krista.busby@grayliving.com,
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 Date: 2022.05.24 13:16:57 -0700

Signature

5/24/2022

Date

Name Krista Busby
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Drinking Water Services #640
PO Box 14450
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Comments:

Attachments:

OHA Use Only

Waiver ID 425-2022

Entered into waiver database

Plan Review Coordinator's notes: Food grade chemical is an acceptable alternative in this case.

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

Approved

Comments:

Denied

Given the options, food grade appears to be the best choice.

Kari Salis

5/25/22

Drinking Water Regional Manager Signature
Oregon Health Authority

Date

Waiver database updated