



STATE OF WASHINGTON  
DEPARTMENT OF HEALTH  
SOUTHWEST DRINKING WATER REGIONAL OPERATIONS  
PO Box 47823, Olympia, Washington 98504-7823  
TDD Relay 1-800-833-6388

August 9, 2019

Bill Neal III  
North Beach Water District  
Post Office Box 618  
Ocean Park, Washington 98640

Subject: North Beach Water System, ID #63000, Pacific County; September 2018 Level 2 Assessment – Disinfection Directive

Dear Bill Neal III:

Thank you for your response to the Office of Drinking Water's (ODWs) letter regarding the submittal of the Level 2 Assessment for North Beach water system. We understand that both the commissioners and customers have concerns about installation of disinfection. We would like to work with you to ensure public health is protected and the best solution to eliminate the water quality issues is investigated and corrected in a timeframe to fit the North Beach Water Districts (District) schedule.

In accordance with WAC 246-290-451(5) and (7), a system with a history of Level 1 or Level 2 assessment treatment technique triggers is required to install continuous disinfection of the distribution system. Installing disinfection is the best public health protection using the multi-barrier approach to prevent or reduce contamination from the source to the taps. The potential contamination of the water system due to the lack of mapping of septic installations, in an area with a high water table and multiple access points to this water table in the form of sandpoint wells, and an increasing population supports taking additional steps to protect the community's drinking water. We want to recognize the work the District has already accomplished as mitigation for these issues, including improving watermain disinfection procedures, installing wellhead improvements, and training new employees on proper sampling.

**Please submit a corrective action plan (CAP) by October 15, 2019, identifying a schedule to install continuous disinfection.** The disinfection system must be designed by a professional engineer licensed in Washington State. The engineer must submit the project report and construction documents to our office for approval.



The CAP should include specific dates for completing the following:

- Scope of project.
- Cost and financing.
- Water quality and public health impacts:
  - Pilot testing.
  - Disinfection byproduct (DBP) formation and corrosion potential.
  - Taste, odor, and public acceptance.
- Interim mitigation.
- Construction package submittal.

We would like to partner with you to help communicate to your commissioners and customers the public health benefits of installing disinfection treatment. We will work with you to achieve milestones with regards to your schedule and budget.

Failure to work in cooperation with ODW will result in escalated enforcement as authorized in Revised Code of Washington (RCW) 43.05.100. Escalated enforcement could result in issuance of a red operating permit per Washington Administrative Code (WAC) 246-294, and imposition of civil penalties per chapter 70.119A RCW.

If you have any questions please contact me by phone at (360) 236-3032 or by e-mail at [teresa.walker@doh.wa.gov](mailto:teresa.walker@doh.wa.gov).

Sincerely,



Teresa Walker, P.E.  
Office of Drinking Water, Regional Engineer

cc: Shawn Humphreys, Pacific County Public Health and Social Services  
Gael Kantz, ODW  
Nick Fitzgerald, ODW