



State of Washington

DEPARTMENT OF HEALTH

NORTHWEST DRINKING WATER REGIONAL OPERATIONS
20425 72nd Avenue South, Suite 310 • Kent Washington 98032-2388

July 13, 2018

BOARD OF DIRECTORS
C/O KELLY ROBINSON, MANAGER
DOCKTON WATER ASSOCIATION
9710 SW WINDMILL ST
VASHON WA 98070

Subject: Dockton Water Association, ID# 19550J
King County
Routine Sanitary Survey 2018

Dear Mr. Robinson:

This letter is in follow up to our routine sanitary survey of the water system on June 8, 2018. The purpose of the sanitary survey is to inspect water system facilities, to review operations & maintenance programs, and to reinforce our long-term relationships.

Your efforts to utilize additional sources at the Dockton Springs and to add treatment to the Sandy Shores well shows a commitment to increase system reliability. The booster station that acts as the sole source to the 520 pressure zone does not have emergency power. Even during a power outage, the system should maintain minimum pressure requirements. Adding emergency power would increase system reliability in the 520 pressure zone.

The system has managerial and financial strengths with growing technical capacity. The asset management and reserve funds demonstrate financial capacity. During the survey, we discussed good technique for measuring chlorine residual (written guidance provided in separate correspondence).

The enclosed survey report and this letter reflect my understanding of your water system and highlight key issues we discussed during my visit. **Please, in the next 45 days, respond to this letter.** Send photos of things you can complete in the short term. If you are unable to take action within 45 days, please explain your intentions and provide a schedule for addressing the applicable issues.

Significant Deficiencies – *Potential significant public health risks.*

1. S01, Dockton Springs, collection overflow. Install 24-mesh non-corrodible screen, spring-loaded flapper type valve, or duckbill type valve.
2. North and South storage tanks overflow. Install 24-mesh non-corrodible screen, spring-loaded flapper type valve, or duckbill type valve.

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3. For the air vacuum valve vent behind the South storage tank, please install 24-mesh non-corrodible screen to air vent.
4. Replace the storage tank air vents. We often observe debris accumulation on the horizontal screen of these types of air vents. Reference Department publication 331-250, *Sanitary Protection of Reservoirs: Vents* for guidance.
<http://www.doh.wa.gov/Portals/1/Documents/Pubs/331-250.pdf>.

Significant Findings – *Defects in your facilities or operations that need immediate attention.*

5. Inspect (add 24-mesh non-corrodible screen if needed) the vent off the top of each storage tank overflow line.

Observations – *To notify you of other violations of drinking water rules.*

6. Continue to develop the wellhead protection program. Please see Department publication 331-106 Source Water Protection Requirements for more information.
<http://www.doh.wa.gov/Portals/1/Documents/Pubs/331-106.pdf>
7. Update cross-connection control program (CCCP) as needed in order to meet the objectives of the Association. Board of Directors must approve the CCCP to give the Association legal authority to implement. I recognize the current efforts to educate consumers and to collect information on the types of hazards present in the system.

Recommendations – *To improve your technical, managerial or financial capacity.*

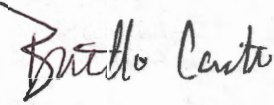
8. What level of reliability do customers expect? The 520 booster pump station is the sole source of supply to the 520 pressure zone. Consider adding emergency power to improve system reliability in the 520 pressure zone.
9. Practice good technique for measuring chlorine residual (written guidance provided in separate correspondence).
10. Follow up with review comments for the Small Water System Management Program submitted to the Department in 2013 for approval (guidance for next steps provided in separate correspondence).
11. For the Dockton Springs chlorine contact chamber, think like a bug and inspect the gap between the walls and the roof. Seal as needed to prevent insects from entering the chlorine contact chamber.
12. Nice job on adding the gasket seal on the storage tank access hatches. Think about retrofitting the access hatch so the lock is on the side of the lid and not the top of the lid.

The Drinking Water Regulations require that all Group A public water systems have a sanitary survey every 3 to 5 years. In order to receive credit for the survey, a sanitary survey fee must be paid. Enclosed is an invoice for \$765.00. Please remit your complete payment in the form of a check or money order within thirty days of the date of this letter in the enclosed envelope or send payment to: **DOH, Revenue Section, P.O. Box 1099, Olympia, WA 98507-1099.**

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Thank you for all that you do to provide safe and reliable drinking water. If you have any questions please contact me at (253) 395-6770 or brietta.carter@doh.wa.gov.

Sincerely,



Brietta Carter, P.E.
NW Drinking Water Operations

Enclosures

cc: Public Health – Seattle & King County
David Stoltz, Operator, Dockton Water Association