

PSA Water System Committee Report

July 18, 2020

Water System Report

Due to Covid-19 concerns there were no in person water system committee meetings since the last Directors meeting. That is not to say nothing is going on especially most recently. We had the brush and grass mowed and hauled off in June and we'll do that again in September. NW replaced a meter at 111 Olympic this past month. It was a new connection and the meter was leaking when the owner tried to hook it up.

I'm also looking into another service agreement for the emergency generator. It's come in handy a couple times this year. We need to keep it ready.

The July water sample for coliform bacteria came back positive, fecal coliform and E-coli were not present which is good. Coliform is an indicator bacteria found on most exposed surfaces. What this result tells us is that somehow, somewhere, there is access to our water supply. This access could provide an avenue to pathogenic bacterial contamination of our water under the right conditions and needs to be corrected. I am attaching the level 1 assessment that is required to be submitted to the DOH when this type of test result occurs. A similar result within a year will cause a level 2 assessment and further corrective action. Persistent coliform positive results could result in the water system being required to disinfect. Usually that means chlorination. This level 1 assessment suggests a modification of the hatch on the small storage tank and a retrofit of the level indicator gauge. NW water already completed several caulking and sealing of vents and electrical boxes. I contacted a local fabricator about fixing the hatch and have inquiries in to see what can be done with the tank level indicator.

As for the sampling; NW took a monthly routine sample that came back positive and then completed a series of samples required by our coliform monitoring plan. Samples at the original site and one each upstream and downstream of the original site and one of each well were taken. The wells came back clean but the distribution samples were positive. Another investigative sample was taken at the storage tank. I do not have that result at press time but should in the next day or two. Indications would point to the problem at the storage tanks and that is the focus of our corrective actions at this point. With insect activity highest at this time of year it is a logical place to start.

Current Water System funds; Maintenance and operations = \$51,973.14

Water Reserves = 82,933.13

Key Bank CD's= \$309,939.90 (3 @ \$103,313.30 ea.)

That is all I have for now. I will keep you informed of our progress regarding the continued sampling and corrective actions as more information becomes available.

Tom Moore

Water Committee Chairman