News From the Well

WATER UTILITY UPDATES FOR CITY OF LONGVIEW CUSTOMERS

The emergency waterline work is progressing quickly. Phase one was completed this week when the new 12" main on Beech Street from 14th to 17th Avenue was put into service. Multiple crews are now working to complete the rest of the Beech Street main by the end of November and remove concrete in the alley between 16th and 17th Avenues.

Jar and spotting testing was conducted this week to determine if phosphates will effectively reduce precipitation, discoloration, and white spotting. Preliminary results are encouraging but the samples must be tested multiple times over several days to fully characterize results over time and capture any changes. Customer water samples were also sent to EPA for comparative analysis.

Phosphate Jar Test Evaluation

In October, we set up a pipe loop assembly to pilot test phosphate if the jar testing demonstrates positive results. The pipe loop consists of two 10-foot sections of cast iron main removed from Ocean Beach Hwy. One pipe will be used for phosphate addition; the other is a control pipe to compare results. Each section is plumbed to maintain continuous water flow and its water quality is monitored daily. If jar testing proves phosphates are effective at reducing precipitation and spotting, the dynamic pipe loop testing will more accurately simulate real conditions in the distribution system to confirm the effectiveness.

Phosphate Pipe Loop Test Assembly

Did You Know?

Alum, lime, sodium fluorosilicate, sodium bisulfite and chlorine gas were used in the water treatment process at the Fishers Lane plant. Fewer chemicals are needed at the Mint Farm Water Treatment Plant, using only sodium hypochlorite for disinfection, sodium hydorixide for pH adjustment and fluorosilicic acid for flouridation.

Weekly sampling of the distribution system is on-going and continues to indicate most of the system is stabilizing. Water quality impacts can be expected in and around the Baltimore Area due to construction activity. Other sudden hydraulic events like high velocity flushing, main breaks and fire flows can also cause temporary issues unrelated to system stabilization.

To report a water quality complaint 24 hours a day, click on the ASK Longview button at www.mylongview.com. You may also call Utilities Division at 442-5700 or Public Works at 442-5200. We appreciate your patience as we work through these temporary problems.

The City of Longview Washington