## Prepared for 1/8/2014 Water Bureau BAC meeting

What are other options to mitigate the water quality issues due to warmer and more stagnant water in the distribution system other than adding more chemical.

Operations staff is primarily reviewing storage needs in the distribution system to determine if there can be seasonal (demand driven) reductions with a resultant decrease in water age and temperature. The bureau continues to develop models for the best use of the new dam 2 north tower's ability to withdraw water from multiple levels as a method of potentially decreasing late summer water temperature into the drinking water system.

Water quality staff are summarizing all of the data gathered as part of a nitrification study and also from field data gathered as part of the SW Portland coliform analyses. The results will provide additional information on how best to minimize nitrification that occurs in some areas of the distribution system.

Changes in the chloramination target will only occur after a thoughtful review of distribution system water quality parameters. Operations is in the process of installing analyzers that will provide that online, continuously available information which feeds into the decision making process.