

Summary of August 2, 2018 Subcommittee Activities for MWPAAC General Meeting on August 22, 2018

July 25 Annual Field Trip

MWPAAC members toured the Carnation Treatment Plant. The membrane bioreactor (MBR) plant was constructed from 2006 to 2008, essentially a pilot-scale version of the Brightwater treatment plant that was under design at that time. The Carnation plant currently serves about 2,000 people with average flows of about 100,000 gallons per day (compared to Brightwater's average of 25 million gallons per day). A unique aspect of the plant is that all of its treated water (Class A reclaimed water) discharges to the Chinook Bend Natural Area, which is helping to restore the original wetland area adjacent to the Snoqualmie River (which had been pastureland for many years) while still keeping the treated water in the watershed. The total cost of the Chinook Bend Wetland Enhancement project was \$3.3 million with grants from various stakeholders covering \$539,000 of the project costs. The total cost of the Carnation Treatment Plant project was \$20.9 million. WTD received a \$15.2 million low interest loan from the Department of Ecology's State Revolving Fund for the treatment plant.

Rates and Finance Subcommittee (R&F)

Joint meeting with Engineering and Planning (E&P) on the WaterWorks Grant Program – described some of the projects that have been awarded grants over the past two grant cycles. This presentation likely will be presented at MWPAAC in the near future. The next grant cycle will begin in early 2019.

Engineering and Planning (E&P)

Discussed which I/I reduction frameworks that the Subcommittee would like to recommend to MWPAAC for the next phase (implementation planning and program design). Subcommittee plans to present their recommendations about the next phase of the I/I reduction evaluation at the October MWPAAC meeting.

During the next phase (2019-2020), WTD staff and their consultant will define the details of the framework(s) proposed for more in-depth evaluation, define roles and responsibilities, estimate the program costs, and develop an implementation schedule.

Questions? Lisa Tobin, Chair

LTobin@auburnwa.gov

(253) 804-5062