

**Summary of
Rates and Finance (R&F) and Engineering and Planning (E&P) Subcommittees'
May 7, 2020 Meetings for May 27, 2020 MWPAAC General Meeting**

Options for Future Asset Management Discussions (Joint Topic)

WTD's proposal to increase sewer rates at 10-14% per biennium through 2030 is based in part on WTD's Asset Management Program identifying the need to rehabilitate and replace aging assets at more than double the annual cost that was previously-anticipated (estimated to be an unfunded backlog of \$700 million from 2020-2030). The Subcommittees discussed information that they need to receive at future MWPAAC meetings to evaluate and provide input on such future rate increases:

- Provide periodic briefings by asset management project categories: 1) Treatment plant and 2) Conveyance. Indicate which are newly-identified projects, and which projects have been previously-included in the capital program. Include a brief overview of asset management in each briefing, for those not as familiar with the topic.
- Include identified asset management needs, what it takes to maintain the current system, and actual or anticipated regulatory requirements. Segregate facility expansion elements from rehabilitation and repair elements, as they often occur together.
- Include a breakdown of the capital program going back in time before Brightwater. It should include what was spent on asset management and what has been accomplished over the years.
- Include consideration of succession planning as a component of asset management.
- Comment on whether the assessment of criticality or risk has been heightened because of the 2017 West Point flooding event.
- Include project cost reduction strategies, project drivers, prioritization criteria, and how asset management projects are prioritized with other types of projects.
- Instead of forming a MWPAAC Task Force to evaluate the additional asset management projects, start by including a standing 30-minute joint session monthly on subcommittee meeting day, followed by a quarterly report to full MWPAAC. If we have consistent participation with a majority of members, a Task Force or work group likely will not be necessary. Note that MWPAAC's Clean Water Plan Task Force, as an existing group, could provide technical expertise on this topic as well for MWPAAC if needed.

Treatment Plant Flows and Loadings Study (E&P Topic)

In late 2019, WTD completed an assessment of the treatment capacity of the Brightwater, West Point, and South Plant wastewater treatment plants (see WTD email dated 5/7/2020 for a copy of the report). The assessment concluded that flows are less than originally projected due to water conservation and low water use fixtures, but the solids and organic materials in the wastewater that need to be treated are increasing at a faster rate than anticipated. The report identifies improvements needed at each plant for the near-term (before 2030), mid-term (2030-2040), and long-term (2040 and beyond).

Kenmore Interceptor Proviso Response (E&P Topic)

In response to Lake Forest Park's concern about near-shore sedimentation in northwestern Lake Washington, the King County Council directed WTD to investigate whether the Kenmore Interceptor was promoting silt accumulation and if it was impacting fish. The Kenmore Interceptor is installed on and beneath the lakebed, and carries sewage from Kenmore to the Matthews Beach Pump Station and then to West Point. The small amount of interceptor that protrudes above the lakebed does not impact silt accumulation or affect fish. The sedimentation appears to be due to McAleer and Lyon Creek and the presence of milfoil near the mouths of the streams.

Questions?

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