

Summary of Engineering and Planning (E&P) Subcommittee March 1, 2018 Meeting for MWPAAC General Meeting on March 28, 2018

Status of CSO Program Review

King County WTD staff provided a brief summary of the Combined Sewer Overflow (CSO) program, which stores and treats wastewater and stormwater in the combined portions of the sewer/stormwater system in Seattle that are owned and operated by King County. These CSOs are separate from the combined sewer system owned and operated by City of Seattle. Out of 39 CSOs owned and operated by King County, 21 have been controlled and the remaining 18 are either being monitored for compliance (have to wait for wet weather to demonstrate their effectiveness), are under construction, or are in planning/design. The remaining projects will be completed by the 2030 deadline in the consent decree. Staff's recently completed evaluation of the projects in the program concluded that the projects and schedules will continue as originally planned.

Evaluation of Infiltration/Inflow (I/I) Reduction Concepts – Initial Discussion of Draft Program Evaluation Criteria

Nearly $\frac{3}{4}$ of the peak wastewater flow in King County's sewer system enters the pipes through infiltration and inflow. Over the past two years, WTD and E&P have been exploring concepts to reduce I/I so that the capacity in the existing system can be used for growth of future wastewater flows and to reduce the need for or size of future conveyance system improvements. These concepts include region-wide side sewer standards and inspection training, interagency support to identify and manage I/I, side sewer inspection and repair programs, and side sewer grant/loan programs. WTD developed the following criteria to evaluate these concepts and programs to provide enough detail on whether to proceed with implementation of the some of the concepts:

- Effectiveness (in reducing I/I in the short-term or long-term)
- Legal implications
- Property owner considerations
- Local agency impacts
- WTD impacts
- Equity and social justice

At the next E&P meeting, the Subcommittee will provide feedback on the criteria, and will strive to select those concepts and programs that appear to be the most viable for implementation.

Questions?

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