

Summary of Engineering and Planning (E&P) Subcommittee March 5, 2015 Meeting for MWPAAC General Meeting on March 25, 2015

Regional Infiltration/Inflow (I/I) Program – Next Steps

Over the past 15 years since its inception, King County's I/I program has concluded that:

- I/I reduction measures can delay or downsize a future conveyance project
- A program to place a surcharge on local agencies with high I/I would be costly to administer
- I/I continues to be the driving factor in future capacity needs
- The majority of I/I is from private property

As reported previously, the Skyway I/I reduction project did not achieve the same I/I reduction as the initial pilot project. King County will continue to monitor the flows for at least the next 5 years to evaluate the level of I/I reduction and quantify any continued degradation of the system. Continuing degradation of the system, even over a 10-year period, has increased the severity of capacity deficiencies and expanded the scope of previously-identified conveyance needs. For example, in 2007 the Regional Needs Assessment showed that the Eastside Interceptor Sections 1 and 3 need additional capacity by 2050; in 2014, Sections 1-11 need additional capacity by 2060. King County staff will continue to evaluate I/I reduction as a method to address or defer capacity needs during conveyance system capital project problem definition. The E&P Subcommittee intends to work with King County to evaluate/develop an I/I reduction program that includes both private side sewer incentives and enforcement strategies.

Combined Sewer Overflow (CSO) Expert Review Panel Work Plan (Budget Proviso #3)

King County's 2015/2016 Budget Proviso #3 requires that King County procure an expert review panel to provide review and recommendations regarding CSO control projects. Since the work plan had to be transmitted to Council by March 1, King County solicited proposals and has selected a team from MWH Consultants as the expert panel. The panel will start with recommendations for options relating to the Georgetown Wet Weather Treatment Station (its Facility Plan is due 12/31/2015 per the Consent Decree), then provide recommendations on refinement of CSO boundaries, alternatives upstream of planned CSO facilities, treatment and storage, cost estimates, and risk management. The budget for this work that was included in the Budget Proviso is \$1.25 million, of which \$750,000 is budgeted for the consultant. The work that the expert panel will be doing does not duplicate King County efforts, and allows King County staff to focus on other tasks.

Cost Estimating Technical Working Group (Budget Proviso #1)

King County's 2015/2016 Budget Proviso #1 requires that King County form a Cost Estimating Technical Advisory Group to make recommendations to the Executive and Council regarding: 1) processes for cost estimating of capital projects (from initial concept to 30% design) and 2) procedures to consider or reconsider projects as they develop from initial concept to 30% design and the development of a baseline budget. The MWPAAC Executive Board is soliciting a MWPAAC representative for this Group with experience in cost estimating and public works project control. If someone in your organization is interested, please contact Sharman Herrin at Sharman.Herrin@kingcounty.gov or (206) 477-5376.

Regional Wastewater Services Plan (RWSP) Policy Review

- Combined Sewer Overflow and Conveyance Policies – these policies were discussed at the December 2014 full MWPAAC meeting. At the **March 25 meeting**, the RWSP task force requests that the **membership vote on approving these draft policies**, which, if approved, would be forwarded to the Regional Water Quality Committee (RWQC) staff to begin consideration of the draft policy revisions.
- Asset Management and Water Quality Policies - received comments from E&P; will forward to Rates and Finance and Sewage Disposal Agreements Subcommittees for their review, then to full MWPAAC in April or May for review.
- Infiltration/Inflow Policies – in February, provided these policies (attached) to full MWPAAC for review and discussion at March 25, 2015 meeting
- Treatment Plant Policies – these policies were also provided in February, but the RWSP task force is still working on some additional changes and will provide these policies at a later meeting.
- Attachments:
 - Combined Sewer Overflow Policies
 - Conveyance Policies
 - Infiltration/Inflow Policies

Questions?

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