

METROPOLITAN WATER POLLUTION ABATEMENT ADVISORY COMMITTEE

Meeting Summary

Bellevue City Hall

Wednesday, January 25, 2017

Start 10:00 a.m.

Adjourned 11:45 a.m.

1. MWPAAC Chair's Report – Pam Carter

- a. Welcome and Introductions
- b. Determine Quorum
- c. Approval of December Meeting Summary (action item)
- d. Nominations Committee

Everyone introduced themselves.

A quorum was in attendance and the December meeting summary was approved as written.

2. Wastewater Treatment Division Director's Report – Marc Isaacson, Division Director, Wastewater Treatment Division (WTD)

Mark opened his report by asking members what they'd like to hear from him in his reports. MWPAAC members responded with the following:

- Current events
- Precautions/any changes (to prevent overflows)
- Keep informed about new technologies
- Capital Projects that may have an effect on rates – to help educate members on what influences budget discussions
- Franchise fee updates

Oversight Report on Georgetown Wet Weather Treatment Station

King County Auditor's Office recently issued a report on the Georgetown project as part of its Capital Project Oversight Program.

The report notes that WTD is using many project management best practices to deliver the project; however, there are challenges related to permitting and a competitive bidding climate. The schedule for the Georgetown project is constrained by permits and regulatory requirements. WTD does not control the timeline for permitting, but is closely coordinating with the permitting agencies to ensure that we stay on schedule.

The report discusses whether some additional contingency should be added to reflect the competitive local bidding climate. WTD believes its estimate has adequate contingency to cover the potential cost increases.

Northcreek Interceptor Sewer Improvement Project

This project has presented some challenges. There have been numerous delays in construction, and the contractor has been terminated. An Executive Determination of Emergency and Waiver of Procurement Requirements was issued by the King County Executive on Jan. 19. Waiver from

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procurement was needed to get another contractor on board to complete this project as we continue to have the potential for overflows during heavy rain events until this project is completed.

Two Overflow Events: South Mercer Pump Station and Alki CSO Facility

South Mercer Pump Station

On Sunday, January 8, WTD employees remotely detected a problem at South Mercer Pump Station, located at the intersection of E. Mercer Way and S.E. 72nd St. on Mercer Island, and dispatched a crew member to the site immediately.

Our system is monitored remotely at the treatment plants. If a problem is detected, the response team is alerted.

The crew member arrived on site and found a faulty oil temperature sensor that sent a high temperature alarm to the emergency generator control system. The alarm shut down the generator while the facility was on generator power during an outage. The crew member returned the generator to service and the pump station was back online quickly.

The overflow was limited to approximately 20 minutes. (Approx. 32,000 gallons.)

Our emergency generators are regularly inspected and maintained, and tested once a month, so the failure was unanticipated. The root cause of the failure of the sensor is under investigation.

Alki CSO Facility

On Wednesday, January 18, during a period of heavy rain and high tides, King County crews quickly responded when the Alki combined sewer overflow (CSO) treatment facility flooded with mixed stormwater and wastewater.

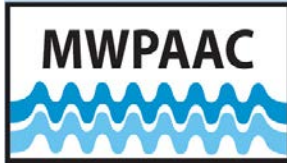
The pump station is designed to discharge treated stormwater and wastewater flows exceeding capacity through an outfall extending into Puget Sound. High tides can add to the flow going to the CSO treatment facility.

High flows from the pump station flooded the Alki CSO treatment facility, causing an overflow into a nearby storm drain that empties into Puget Sound. A combination of extremely high storm flows mixed with domestic sewage and a high tide were contributing factors to the overflow.

High tides slowed the release of treated CSO flow through Alki's outfall and the high flows entering the facility from the 63rd street pump station overwhelmed the treatment tanks leading to the flooding. Approximately 250,000 gallons overflowed during this event.

Plant staff have implemented new emergency hydraulic control interlocks (control strategies) that will force the shutdown of 63rd when flow out of the Alki facility slows or stops due to flow restrictions in the CSO outfall (e.g., high tide). This will then send all of the flow to the CSO outfall at 63rd PS. This new control logic will eliminate future overflows of this type at Alki.

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King County reported the overflow to health and regulatory agencies and a cleanup crew and vacuum truck removed remaining wastewater from the building and surrounding catch basins.

3. Officer Elections

a. Vice-Chair of the Committee

b. Chair of Engineering and Planning Subcommittee

Chair of Advisory Committee on the Sewage Disposal Agreements

(Note: The Executive Board intends to hold the position vacant while the Regional Negotiations Team completes its work)

- Judi Gladstone was nominated and unanimously re-elected as Vice-Chair of the Committee; and
- Lisa Tobin was nominated and unanimously re-elected as Chair of the Engineering and Planning Subcommittee.

4. Implementation of Technical Work Group's (TWG) Cost-Estimating

Recommendations— Lisa Taylor, Project Control and Contract Management Unit Manager, WTD

Questions/Answers Lisa Taylor, WTD and Andrew Lee and Henry Chen, MWWPAAC representatives on TWG

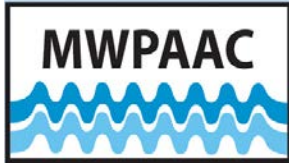
Lisa Taylor provided a report on the Cost-Estimating Recommendations that included five primary areas for improvement:

- Cost Estimating
- Trend Analysis
- Contingency
- Risk Management
- Project Formulation

The report also included information on the Implementation Phase and Continuous Process Improvement.

The MWWPAAC representatives who participated on the TWG also shared their views on the recommendations and answered questions.

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5. Mock Operating Board Report Out, Ron Speer, member of MWPAAC Executive Board and Regional Negotiations Team, and Sharman Herrin, Government Relations, WTD

Ron Speer and Sharman Herrin provided an update on the Mock Operating Board meeting held on January 9, 2017. They discussed the process that was followed and the outcome. Ron reviewed how the Operating Board would work and how MWPAAC members would still serve in an advisory role advising on policy via the Operating Board.

6. Subcommittee Reports

January 5, 2017, Engineering & Planning:

- Conveyance System Improvement (CSI) Program Update Project Prioritization
- Review 2017 Subcommittee Work Plan Topics
- Resiliency and Recovery Program Scope of Work (Joint Topic with Rates and Finance)

January 5, 2017, Rates & Finance:

- Resiliency and Recovery Program Scope of Work (Joint Topic with Engineering and Planning)
- Continue Discussion on 2017 Work Plan for Rates and Finance Subcommittee
- Continue Discussion on Options Regarding Potential for a 2018 Rate Recommendation Letter

7. General Announcements

None.

The meeting was adjourned at 11:45 a.m.

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