

METROPOLITAN WATER POLLUTION ABATEMENT ADVISORY COMMITTEE

Meeting Summary

Skype Meeting

Wednesday, June 24, 2020

Start 10 a.m.
Adjourned 11:30 a.m.

1. MWWPAAC Chair's Report – Pam Carter

- Welcome and Introductions
- Determine Quorum
- Approval of May Meeting Summary (action item)
- Regional Water Quality Committee Update (RWQC)

Olivia Robinson, WTD Government Relations, took attendance by roll call.

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

Pam Carter, Chair, reported the Regional Water Quality Committee (RWQC) would be meeting for the first time this year on July 1, 2020. Pam shared that she is now formally a member of the committee representing the Washington Association of Sewer & Water Districts (WASWD). WASWD has two members on the committee with the other member being Tom Harman, Sammamish Plateau Water. The last RWQC meeting was held in November 2019. There will be no meeting in August and the committee is likely to meet in July, September, and December. In July, RWQC will hear an update on the Clean Water Plan and be briefed on policy changes to the Capacity Charge. Pam reviewed the list of representatives on RWQC.

Pam shared that MWWPAAC does not normally meet in July and instead schedules a field trip. MWWPAAC had planned to tour the Georgetown Wet Weather Treatment Station, but that has been canceled due to social distancing restrictions. Instead, a special informational session on Asset Management will take its place on July 22, 2020. The informational session will provide background on the history of WTD Asset Management.

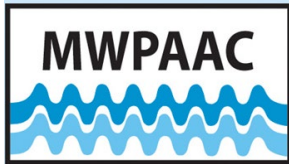
2. Wastewater Treatment Division Director's Report – Bruce Kessler, Deputy Division Director, Wastewater Treatment Division (WTD)

Bruce Kessler, Deputy Division Director, provided the Wastewater Treatment Division (WTD) Director's Report. Bruce thanked MWWPAAC for their letter that requested the extension to the Clean Water Plan SEPA Scoping comment period.

Bruce provided an update on the Lake Hills siphon overflow on June 2, 2020 when 7300g were released. A repair was being conducted on the siphon when it occurred and flows were diverted to the south pipeline. Due to the overflow, WTD spread lime in a backyard and on Friday, June 5, 2020, CCTV'd both north and south pipelines and determined only one area was affected. Repairs were complete on Saturday, June 6, 2020 and the siphon is now functioning as intended.

Bruce provided an update on WTD's telework status. Half of WTD staff, primarily downtown King Street Center (KSC) staff are teleworking. The last several months of teleworking has demonstrated

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WTD can telework while maintaining high productivity. In looking at the future, the Department of Natural Resources and Parks (DNRP) started to shift discussions about how things might look for where staff work and made the decision not to return to KSC and have staff permanently telework. This accounts for about 800 DNRP employees. DNRP will create meeting spaces for in person meetings and collaboration. There will also be space for customer interface. DNRP will go from three and a half floors in KSC to one that will be used for collaboration space. DNRP will also utilize offsite facilities for meetings for better collaboration with offsite staff. WTD will be looking at how we maintain our level of service and improve it, if possible. Some of the drivers for this decision include saving money on rental of floor space and utilities, ability to decrease energy use, and cut carbon emissions by cutting the commute for employees. Some of the benefits to employees include continued productivity, improved health, safety, and happiness. Bruce shared that he does not have the savings numbers at this time. DNRP will coordinate with a WTD project manager on this effort. WTD will continue to provide updates at MWWPAAC meetings.

In response to a question about testing for COVID-19 in wastewater, Bruce shared that WTD is providing wastewater samples, mostly plant influent, to universities that are doing the testing. Tests are looking at RNA (ribonucleic acid, which is similar to DNA) to determine presence of the virus. No results have been received from the testing at this time. WTD provided samples from March to June. WTD is also looking to see if we have samples from last year to assist in studies looking at how far back presence can be traced. Studies are just looking at the plants to get the regional determination of presence (yes or no). It is unsure how long the sample collections will continue as it is currently ongoing.

3. Subcommittee Reports

June 4, 2019, Rates & Finance:

- Lessons Learned and Input for Future Rate Development
- Asset Management History (Joint Topic)

June 4, 2019, Engineering & Planning:

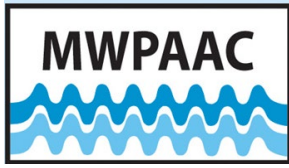
- Asset Management History (Joint Topic)
- SEPA Scoping Comment
- I/I Program Status Update

4. Clean Water Plan Update, Steve Tolzman, Clean Water Plan Project Manager, WTD

Steve Tolzman, Clean Water Plan Project Manager, provided an update on the Clean Water Plan that included:

- Reviewed Decision Areas and Key Questions
 - Treatment Plants
 - Pollution Source
 - Stormwater and Combined Sewer Overflows

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- Wastewater Conveyance System
- Asset Management, Resiliency, and Redundancy
- Legacy Pollution
- Resource Recovery
- Finance
- Action Development
- Evaluation Framework Overview (under development now)
 - Step 1: Action Evaluation – Analytical Approach Overview
 - Conceptual Flow of Equity Action Evaluation
 - Step 2: Strategy Exploration
 - Connection of Community Priorities and Evaluation Categories
- Clean Water Plan SEPA Review
- Timeline to Develop the Clean Water Plan
- MWPAAC Technical Taskforce Activities

5. MWPAAC Clean Water Plan Technical Taskforce Update, Taskforce Member

Gary Schimek, City of Redmond, provided an update on the June 5, 2020, taskforce meeting. He reminded MWPAAC members of who represents them on the taskforce – Leslie Webster, Kyle Wong, Mike Johnson, Josh Pantzke, Jack Broyles, and himself. He also noted that the taskforce decided to provide summary meeting notes in written form and those notes were included in the meeting materials sent out for the MWPAAC General meeting. Gary reviewed a few highlights from the June 5 meeting.

6. MWPAAC SEPA Comment Letter (Action Item), MWPAAC Members

Lisa Tobin, Comprehensive Engineering & Planning Subcommittee Chair, reviewed the draft MWPAAC Clean Water Plan – SEPA Scoping Comment letter and asked for comments and/or edits. There were no changes or edits suggested.

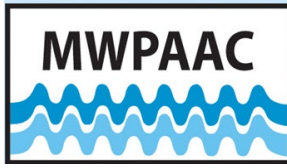
A motion was made to approve the MWPAAC Clean Water Plan – SEPA Scoping Comment Letter. The motion carried.

7. Nutrients Update, Rebecca Singer, Resource Recovery Section Manager, WTD

Rebecca Singer, Resource Recovery Section Manager, provided a an update on WTD's Nutrient Management Strategy that included the following items:

- Timeline
- Puget Sound Nutrient General Permit Advisory Committee Membership
- Puget Sound Nutrient General Permit Advisory Committee Schedule
- Analyzing the Data

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- What are our current loading rates?
- How long can we remain compliant based on current loading?
- What about a bootstrap limit?
- Science
 - Puget Sound Model
 - Ecology Modeling Review
 - Ambient and Outfall Monitoring Data Analysis
 - Plankton Literature Review
- Assessing Two Technologies
 - Partial Granulation with Bioaugmentation
 - Simultaneous Nitrification – Denitrification (SND)
- Possible Near Term Evaluation
 - Examples of Other Available Technologies
- How much will this cost?
- Potential Constraints
 - Footprint – limitation based on location
 - Not all technologies are the equal – “one size fits all”
 - Growth - it takes decades to expand facilities
 - Partnerships may be limited

Ecology is open to the Water Quality Trading (bubble trading) concept, but wants someone else to develop it. They are looking at feasibility of a bubble permit. One of the biggest concerns is getting consensus from Ecology’s general permit advisory committee as everyone has their own priorities and the current meeting format does not lend itself to talking through some of the items logistically. Rebecca shared that she’d like to see more of a watershed approach, as she believes it would have a larger environmental impact. Rebecca noted this general permit is the first of several to come to get better compliance and better environmental outcomes.

Question to follow-up on:

- There is discussion of satellite plants in the Clean Water Plan--could that divert some part of the nutrient load?

8. General Announcements

Olivia Robinson, WTD Government Relations, shared that more information will follow on the Asset Management Information Session scheduled for July 22, 2020.

The meeting adjourned at 11:30 a.m.

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