

MWPAAC Comprehensive Engineering & Planning Subcommittee

May 2, 2024 Meeting Summary

Agenda:

- 1. Welcome & Introductions – 9:40am (5 min)**
Jaclyn Knoth, Engineering & Planning Subcommittee Chair
- 2. Infiltration & Inflow (I/I) Program Update – 9:45am (45 min)**
Ryan Bylsma, Separated Conveyance Program Manager, WTD
Johnson Nguyen, Senior Separated Conveyance Planner, WTD

Ryan and Johnson presented the Infiltration and Inflow Program Update on behalf of WTD. A slide deck accompanied the presentation of which a PDF was provided to MWPAAC attendees on May 1st.

The presentation provided a quick review of I&I (infiltration & inflow) background and the impacts on the system. Some highlights:

- I&I makes up to 80% of peak flow during the wet season, largely coming from private property.
- It's estimated that 25% of flow at Brightwater and South Plant is due to I&I.
- A significant portion of current and future conveyance capacity needs are due to I&I.

In the presentation WTD staff explained that an I&I plan update is needed as the existing I&I control program has been mostly implemented. The RWSP Update will need to include new strategies and policies to reduce the amount of peak wet weather flow entering the regional sewer system.

The plan update will define needs and goals, recommend I&I reduction strategies, and develop an implementation plan. WTD intends to hire a consultant and begin work in early 2025, expecting completion by 2027.

Questions & comments:

- **Don Anderson** – Please make sure that MWPAAC's I&I Task Force work is reviewed as part of this process, including strategies development, selection criteria, and recommendations.
 - **Ryan Bylsma** – Good feedback, thank you

- **Jay Krauss** – Will this work include assessment of contracts & contractual obligations around I&I?
 - **Ryan Bylsma** – Potentially, later in the process. Additional surcharging could be considered as a strategy/option.
- **Amy Tsai** – Talk a little bit more about “interested parties”, who are they?
 - **Ryan Bylsma** – MWPAAC, RWQCP, internally in WTD, and may over time extend to CBOs.
 - **Kamuron Gurol** – Regulators (Ecology, EPA) will be an interested party as well.
- **John McClellon** – Share a little bit more about your data collection process. Flow monitoring sometimes does not have enough resolution to determine where I&I is coming from, or which agency is responsible.
 - **Ryan Bylsma** – The 2020 decennial flow monitoring program has just been completed and will be the basis.
- **Ben Marre** – Can part of this work include a review of programmatic I&I strategies and their effectiveness?
 - **Ryan Bylsma** – Good feedback, thank you.
- **Jay Krauss** – Will I&I consider water quality? As it relates to plant loading and PFAS.
 - **Ryan Bylsma** – Not something considered at this point, but we can look into it.
- **Kamuron Gurol** – Thanks for the input, and a note that I&I is an area where we have more control and the ability to control our own future (as opposed to other major program drivers like regulation).

3. Engineering & Planning Adjournment

10:30

No additional comments, E&P Chair Knoth called for adjournment.

The Meeting adjourned at 10:30 a.m.