

I/I CONTROL PROGRAM REGIONAL BEST MANAGEMENT PRACTICES

EVALUATION OF INFLOW AND INFILTRATION
REDUCTION CONCEPTS PHASE 2

APRIL 1, 2021



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

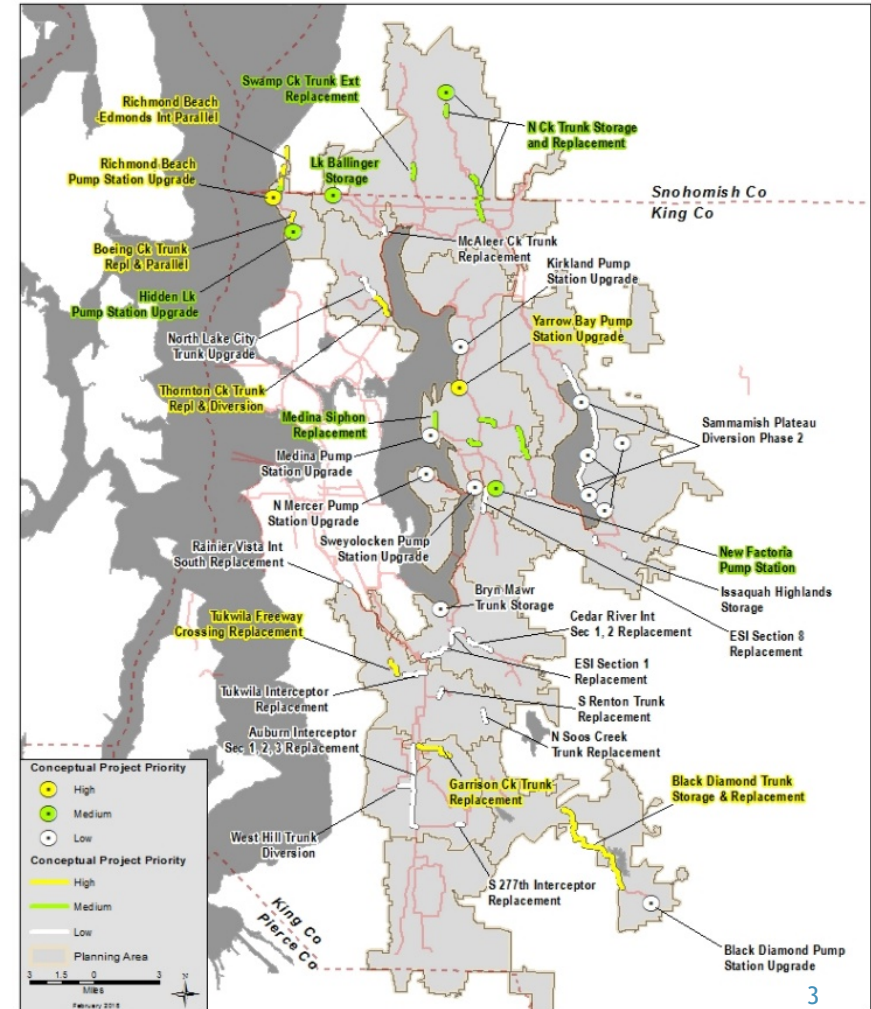
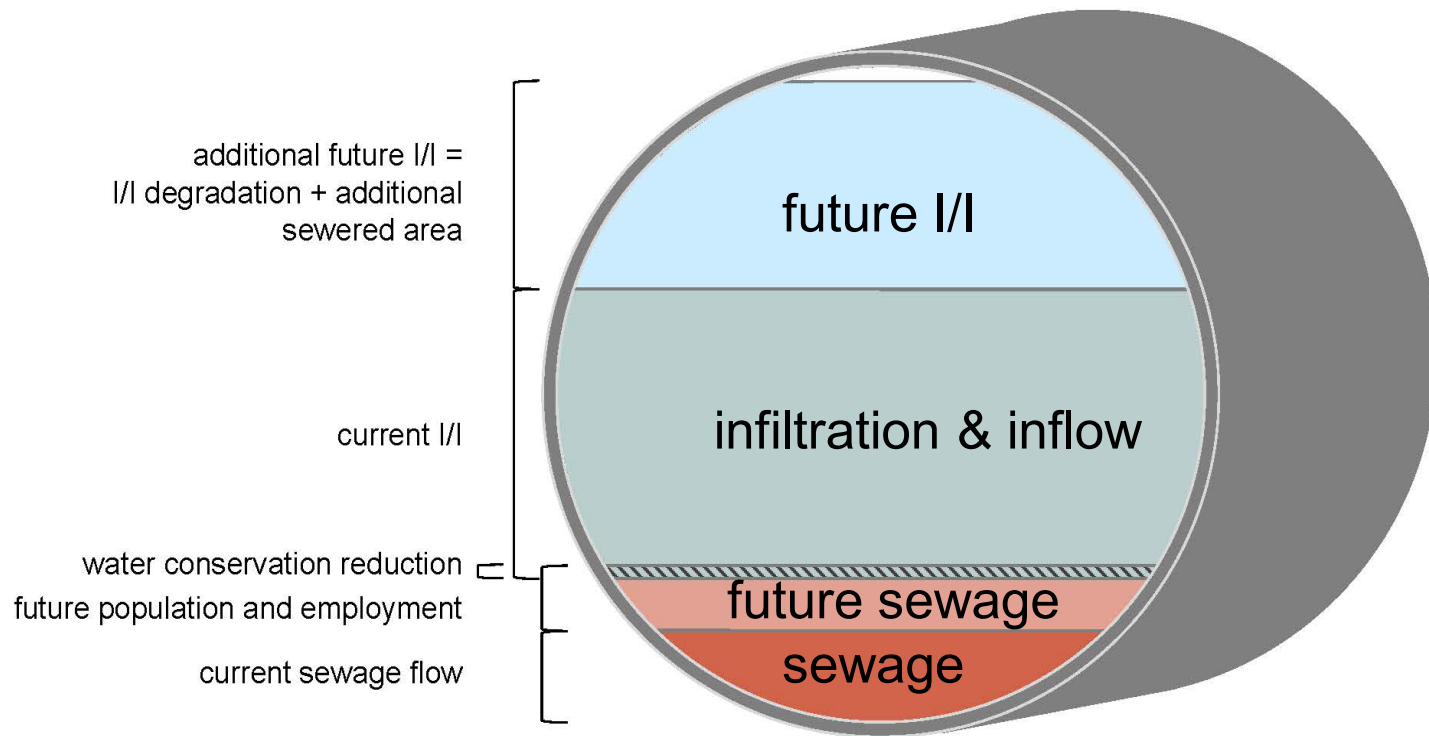
AGENDA

This presentation is formatted as a draft of the 4/28 MWPAAC meeting presentation for review by E&P subcommittee.

- Overview of I/I
- Recommended Best Management Practices (BMPs)
- Next steps for BMPs
- Feedback
- Revise or approve recommended BMPs

I/I IN THE REGIONAL WASTEWATER CONVEYANCE SYSTEM

Components of Future Flows



REGIONAL BEST MANAGEMENT PRACTICES

GOAL

- Regional, consistent use of three to five best management practices with the greatest potential to reduce I/I in separated basins applied by the majority if not all WTD's component agencies.

Result in

- Slowing I/I increases due to degradation aiming to lessen the need for future capacity projects
- Supporting good stewardship of sewer systems and supports component agencies in encouraging customers' responsibility to maintain private side sewers
- Setting an even bar of quality for side sewer construction and inspection information among agencies
- Consistency between cities and districts may result in increased knowledge of customers' side sewer responsibilities and helps to reduce customer confusion

BMPS RECOMMENDED

Component agencies voluntarily tailor and implement the following BMPs using resources in the side sewer BMP toolkit:

Strengthen illicit connection authority, making rules clearer to customers

- Unauthorized connection prohibition (A5)

Support customers in taking care of their responsibility to limit I/I

- Courtesy notice to property owner / occupant regarding roots in lateral connections (B3)
- Side sewer maintenance guideline documents (B5)
- Illicit source disconnection public education materials (C3)

EQUITY CONSIDERATIONS FOR BMPS

- Translate materials into languages spoken in the service area.
- Share information equitably. Understand your target audience and how they get information and use those methods to share information and resources.
- Identify opportunities to disseminate education materials through existing programs and partnerships that target priority communities.

TIMELINE FOR ACTION ON BMPS

- April 28, 2021 - present the recommendation letter to full MWPAAC for approval
- April/May 2021 - MWPAAC provides recommendation to WTD Director
- Spring/Summer 2021 - WTD prepares materials and distributes to member agencies
- Fall 2021 - member agencies prepare customer materials and begin to implement program

***Note the BMPs are the result of work from a consultant and MWPAAC's I/I Task Force. The Clean Water Plan will consider a range of actions to address I/I.**



Feedback



ACTION ON RECOMMENDATION?

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- Unauthorized connection prohibition
 - Courtesy notice to property owner regarding roots in lateral connections
 - Side sewer maintenance guideline documents
 - Illicit source disconnection public education materials

THANK YOU

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