



INFILTRATION/INFLOW (I/I) REDUCTION PROGRAM

WHERE DO WE GO FROM HERE?

MWPAAC ENGINEERING AND PLANNING SUBCOMMITTEE

MARCH 3, 2022



REVIEW OF KING COUNTY I/I REDUCTION PROGRAM (2017 – PRESENT)

- 1. Regional Best Management Practices**
- 2. Inspector Training and Certification Program**
- 3. Private Side Sewer Inspection Program with Financial Assistance**

AGENCY PROGRAMS FOR SIDE SEWER INSPECTION AND I/I REDUCTION

- **I/I detection (smoke detection, illicit connections, flow monitoring, etc.)**
- **Pipe lining**
- **Side sewer replacement**
- **Rehabilitation and replacement programs**

AGENCY INSPECTOR TRAINING OPPORTUNITIES

- **Existing programs by agencies or professional associations (PNCWA)**
- **Workshop, webinar, panel discussion**
- **Any interest in CEU's?**

LEVEL OF INTEREST AND WILLINGNESS TO PRESENT AT E&P SUBCOMMITTEE?

- **Presentations, workshops, webinars by Local Agencies to E&P?**
- **Opportunity to share**
 - **roundtable discussion?**
 - **outreach and compilation of efforts?**
 - **survey?**
- **Reconvene Side Sewer Task Force?**

REGIONAL BEST MANAGEMENT PRACTICES UPDATE TECHNICAL MEMOS AVAILABLE ON COUNTY I/I WEBSITE

January 2022 Update

King County, in collaboration with [MWPAAC](#), is currently exploring and developing new program measures to reduce infiltration and inflow (I/I) particularly in private side sewers.

Phase 1, *Exploring Concepts*, was completed in 2019 (see reports posed on [Resources page](#)).

Phase 2, *Define Programs*, was completed in December 2021. This planning process resulted in the definition of two programs options. The regional best management practices were recommended by MWPAAC for implementation by component agencies while the inspector training and certification program was not recommended for implementation at this time. Work on the third program, private side sewer inspection program with financial assistance, was not completed because the program is being considered as part of broader sewer system planning effort.

Phase 2 technical reports:

- [Final Regional Best Management Practices Development](#) , December 2021
- [Final Inspector Training and Certification Program Development](#) , December 2021

Appendix A is Side Sewer BMPs Toolkit

REGIONAL BEST MANAGEMENT PRACTICES UPDATE

SIDE SEWER BMPS TOOLKIT PILOTING

County will be reviewing development of pilot educational materials with translation for the following BMPs:

- Side sewer maintenance
- Illicit source disconnection

Will be reviewing development of online location for side sewer BMP toolkit for component agency use

- PDF version currently available online and Word version available upon request

MWPAAC Recommended Side Sewer BMPs:

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



DISCUSSION