

# I/I Reduction Program Frameworks and Initial Evaluation

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**King County**

Department of Natural Resources and Parks  
**Wastewater Treatment Division**

# Agenda

**II. Overview of current I/I program work**

**III. Present frameworks and evaluation**

**V. Considerations for your review (homework)**

**VI. Next Steps**

# Proposed Schedule of E&P Topics

| MONTH                   | I/I TOPIC   |
|-------------------------|---|
| May                     | Introduce evaluated frameworks  |
| June                    | Discuss agency feedback on evaluated frameworks                         |
| July                    | None  |
| August                  | Continue to discuss evaluated frameworks;<br>Select recommended program |
| September -<br>December | Present and discuss recommendation with full<br>MWPAAC                  |

# Goals for Today

- Introduce frameworks and criteria ratings
- Provide guidance for your review

# Briefing Package Contents

- Summary of framework options
- Frameworks for potential regional private side sewer programs
- Summary of evaluation criteria
- Initial application of the evaluation criteria to the frameworks

# Context for Program Frameworks

- Frameworks are high level summaries based on assumptions for how the program “could” be implemented
- Frameworks provide enough detail on potential program to inform evaluation and a decision on whether to proceed with studying implementation

# Future Implementation Plan

- Implementation plans would detail the framework contents – moving from assumptions to actuals
- A step by step process of program development and implementation would be defined and include:
  - Details on Framework content
  - Roles and responsibilities for implementation
  - Implementation schedule
  - Program costs

# Criteria Informed by I&I Study Goal

Evaluate concepts for I/I reduction programs to comprehensively reduce I/I through the separated sewer portion of the regional wastewater system to inform the region on future steps for the program



# Program Evaluation Criteria

Six criterion used to rate and compare programs:

- Effectiveness
- Legal and political implications
- Property owner impacts
- Local agency impacts
- WTD impacts
- Equity and social justice

# High Level Evaluation Summary

- Most potential to reduce I/I long-term
  - Options 6, 7, 8  
(general and point of sale inspections)
- Most complex and costly programs to develop and implement
  - Options 6, 7, 8  
(general and point of sale inspections)

# High Level Evaluation Summary

- Easiest and less costly to develop and to implement:
  - Options 1, 2, 3, 4, 5 (standards, training, and resources)
  - Options 9, 10 (grant/loan)
- Little to no impact on I/I reduction if developed independently:
  - Options 1-5 (standards, training, and resources)
  - Options 9 and 10 (grant/loan)

# Considerations for your review

- Initial observations on results?
- Are there any surprises in the ratings?
- Are there criterion that are more important/higher priority?

# Considerations for your review

- Suggestions on weighting criteria?
- Initial recommendations on options to move forward to implementation plan development?
- Suggestions for combining options into packages to move forward into implementation plan development?

# Consideration for your review

- Implementation plan development can be recommended for one or more stand-alone option  
e.g. options 1 – 8

OR

- Implementation plan development can be recommended for groups/packages of options  
e.g. point of sale inspection program that includes a grant/loan program, regional BMPs, and inspector training

# Next Steps

- Local agency feedback (May 3 - June 7)
  - Review draft frameworks with consultant-suggested ratings
  - Determine which single option(s) or package of options your agency would recommend for implementation plan development
- June 7 meeting
  - Discuss recommendations
- August 2 meeting
  - Select program(s) for implementation planning

# Questions?



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