



King County

Protecting Our Waters

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Expert Review Panel for Combined Sewer Overflow Control Program

*Metropolitan Water Pollution
Abatement Advisory Committee (MWPAAC) -
Engineering and Planning Subcommittee
March 5, 2015*



Presentation Overview

- **Basis for Expert Review Panel**
- **Combined Sewer Overflow (CSO) Program**
 - Update to CSO Control Plan
 - Georgetown Wet Weather Treatment Station
- **Expert Review Panel**
- **Schedule**



Basis for Expert Review Panel

- Responds to Section 110, Proviso P3 of 2015/2016 Biennial Budget
- WTD procured expert review panel to provide review & recommendations regarding CSO control projects
- Work Plan transmitted by March 1, 2015



Update to CSO Control Plan

- Current CSO Control Plan completed in 2012
- Includes CSO control projects, cost estimates, & schedule priorities for remaining uncontrolled CSOs
- Control of all remaining CSOs by 2030
- Consent Decree
- Plan will be updated in 2015-2017



2012 CSO Control Plan



Georgetown Wet Weather Treatment Station

- Identified in 2012 CSO Plan
- Control CSOs at Brandon St. and S. Michigan with outfalls that discharge into the Duwamish River
- 66 million gallon per day CSO wet weather treatment facility, conveyance pipeline, & new outfall
- Project site selection & predesign underway
- Consent Decree deadline for submittal of Facility Plan by 12/31/15



Georgetown Wet Weather Treatment Station



Expert Review Panel Major Activities

Review & make recommendations on:

- Optimization of Georgetown Project design
- Potential redefinition/refinement of CSO basin boundaries
- Upstream system improvements to divert stormwater, including isolating or separating sanitary sewer systems
- Optimization of CSO treatment & storage facility use
- Optimization, cost control, risk management, & risk mitigation options during CSO Plan update



Expert Review Panel Expertise

- 7 Experts in CSO Control
- 17 to 40+ years in CSO planning, design, construction, modeling, regulatory compliance, cost estimating & control, risk management, & green stormwater infrastructure
- Local & national experience in Atlanta, Cleveland, Cincinnati, Akron, San Francisco, Massachusetts, Washington, & Oregon



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Schedule – Expert Review Panel Activities

Expert Review -
Georgetown



Georgetown Wet Weather Treatment Station Project



2015



2016



2017



CSO Plan Update



Expert Review Panel - Review of CSO Plan Update Elements



Expert Review Panel Quarterly Meetings



Expert Review Panel Major Deliverables



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Questions?

For more information, please contact:

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