## 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**

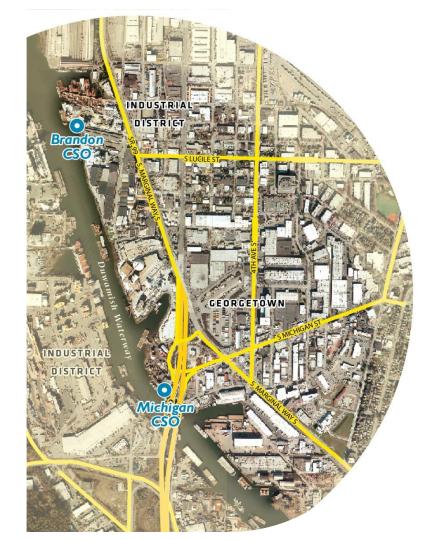
- Current CSO Control Plan completed in 2012
- Includes CSO control projects, cost estimates, & schedule priorities for remaining uncontrolled CSOs
- Control of all remaining CSOs by 2030
- Consent Decree
- Plan will be updated in 2015-2017



## 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

## **Schedule – Expert Review Panel Activities**



★ Expert Review Panel Quarterly Meetings

Expert Review Panel Major Deliverables

## **Questions?**

For more information, please contact:

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