

Leslie Webster
September 14, 2020

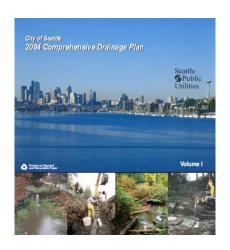


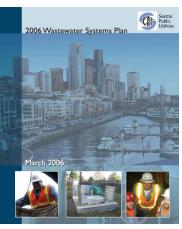
### **Discussion Objectives**

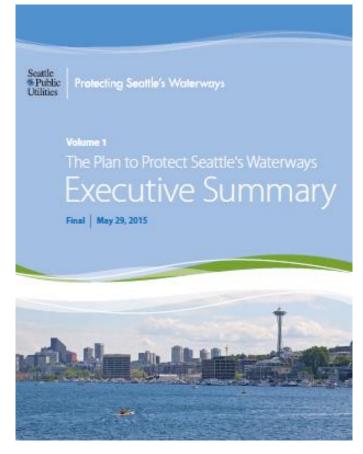
- Provide Overview of Shape Our Water Plan Initiative
- Summarize recent work completed and near-term milestones
- Provide opportunity for Q&A



### **Drivers for past DWW planning efforts**







#### **DRIVERS:**

SEWER BACKUPS AND OVERFLOWS

CSO

WATER QUALITY



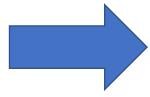
#### **Expanded Drivers**

#### REGULATORY DRIVERS

SEWER BACKUPS AND OVERFLOWS

CSO CONTROL

WATER QUALITY



## EXPANDED DRIVERS

SEWER BACKUPS AND OVERFLOWS

CSO CONTROL

WATER QUALITY

FLOODING

AQUATIC HEALTH

ASSET CONDITION

MAINTENANCE

SEISMIC RISK

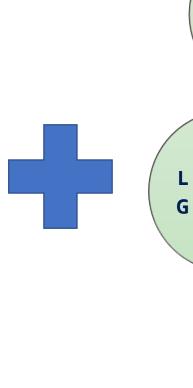
CLIMATE CHANGE

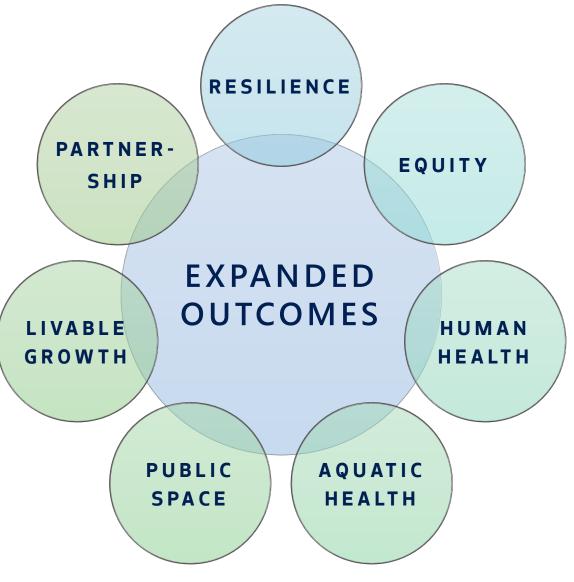
GROWTH

EQUITY

## **Expanded Outcomes**









### **Planning Theory**

water infrastructure can be a platform for public health, social cohesion, environmental justice, cultural identity, and a wide range of other social, environmental and economic benefits.



A 50 Year Plan for Seattle's Water Resilience

### **Planning Goal:**

Identify the best investment strategy to achieve the greatest environmental and community benefits for Seattle at the lowest cost to our customers.



#### **Planning Stages**

Identify Cultivate wide Pilot new approaches Brainstorm solutions Planning mplementation current and range of and develop throughout the process future risks stakeholders alternatives with Implement preferred to participate and stakeholders alternative with in the process opportunities **Evaluate alternatives** partners citywide Collaboratively against social / equity, Internal and external environmental, set vision, Prioritize training and workforce drainage and affordability, and goals, development resilience goals set wastewater objectives and Monitor and manage risks and during visioning guiding adaptively, stay principles opportunities. Select preferred accountable to alternative with stakeholders stakeholders 2021 2022 2020 **TODAY** 2023



#### Milestones

- Recently completed:
  - Comprehensive assessments of wastewater capacity, CSO, water quality, drainage and creek systems
  - COVID-responsive engagement strategy
- Next 6 months:
  - Remaining assessments of climate and seismic risks
  - Community visioning
  - Equity framework



# **Questions?**

