

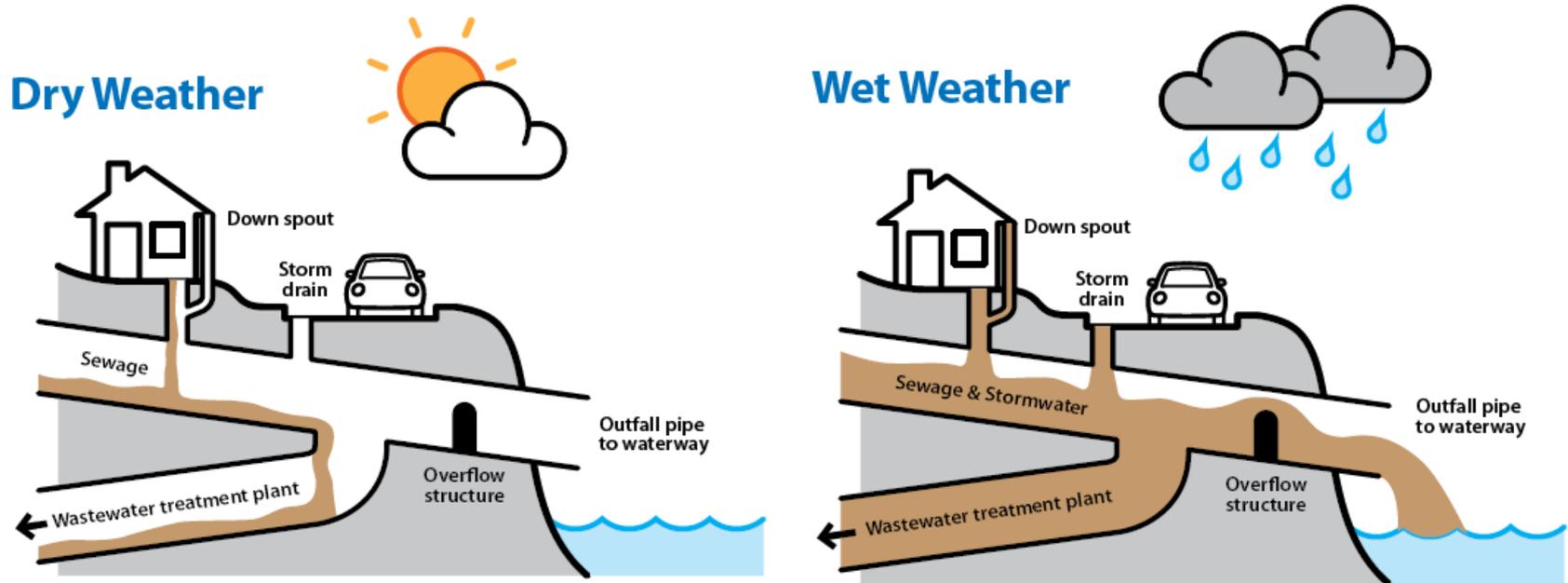
# Ballard Sewage Overflow Prevention Protecting Salmon Bay

Kick-off Meeting  
October 2, 2012

# Tonight's Agenda

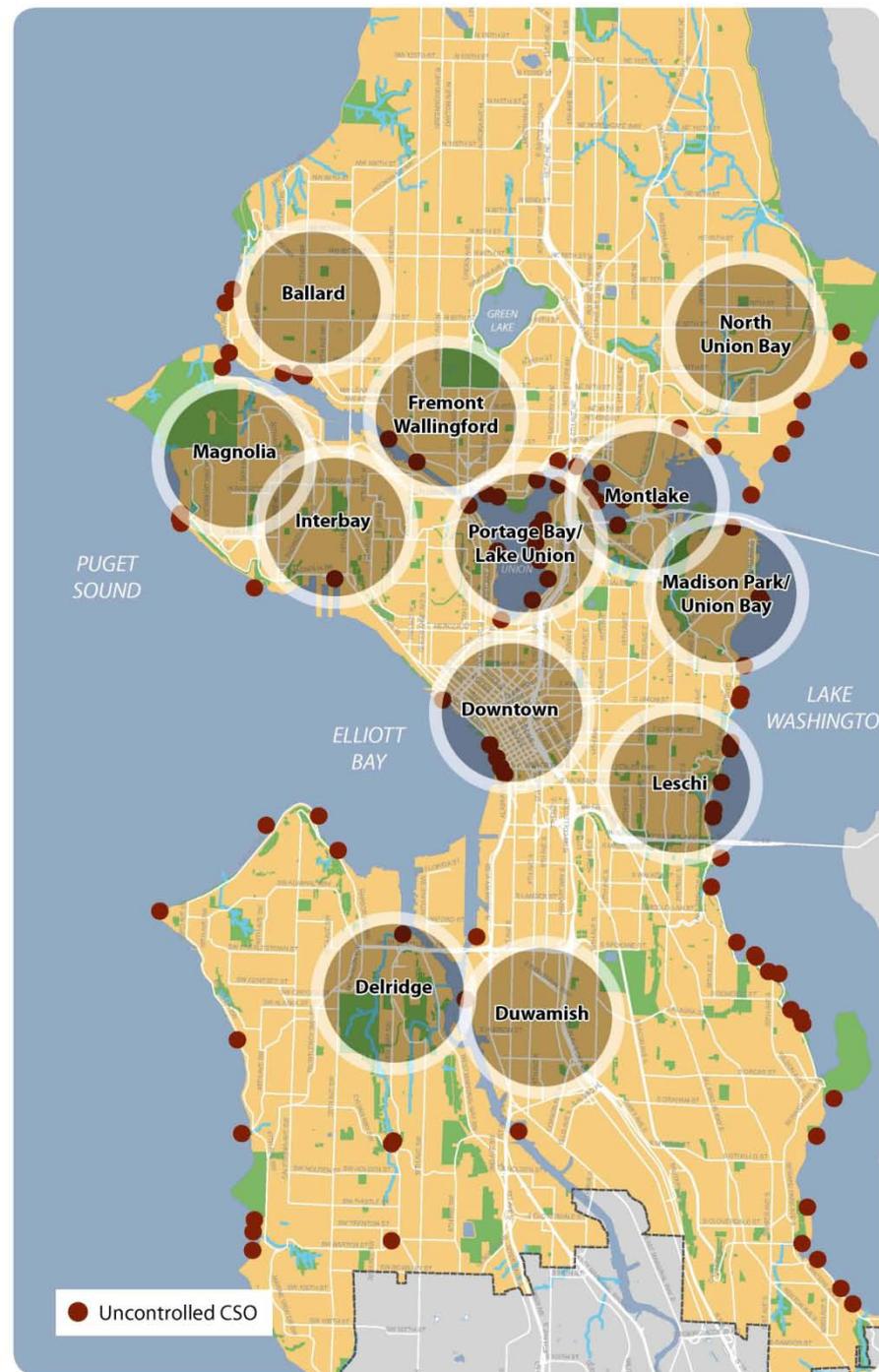
- Presentation
  - Overview of Seattle Public Utilities Sewer Overflow Prevention Program
  - Strategies for Reducing CSOs
  - Ballard Basin Opportunities
  - Project Schedule and Public Involvement Opportunities
  - Proposed Soil Boring Locations
- Q&A
- Round Table
- Open House

# Combined Sewer Overflows (CSO)

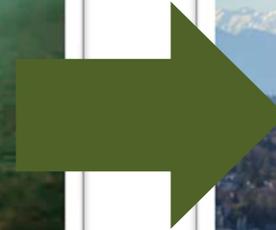


## SPU's CSO System

- 87 outfalls
- 300 overflows per year on average for 2010-2011
- 134 million gallons overflowed (on average) into Seattle lakes, streams, and Puget Sound



## CSOs in Ballard



- 73 overflows into Salmon Bay in 2011
- 43 million gallons of untreated stormwater and sewage

## 3 Steps to Reducing CSOs



1.

Fix it First



2.

Keep  
Stormwater  
Out



3.

Store  
What's Left

# Keep Stormwater Out: RainWise (Residential)



# Keep Stormwater Out: Roadside Rain Gardens



30th Ave NW –  
December 2010

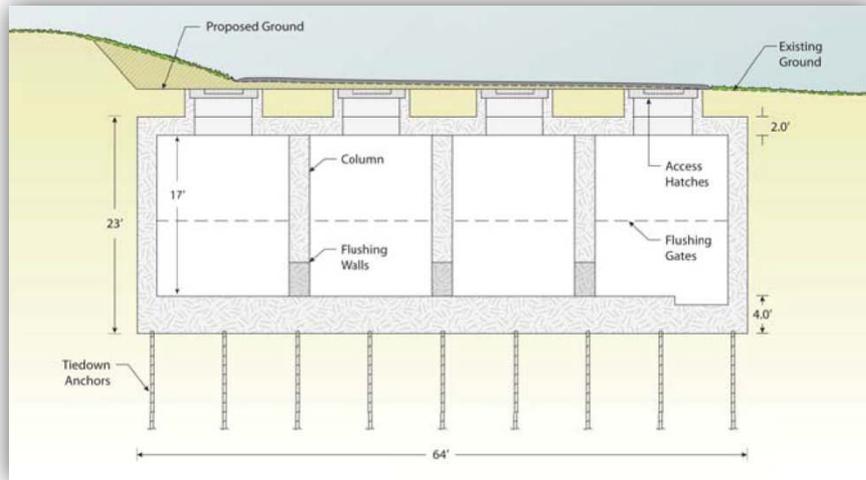


30th Ave NW –  
November 2011



30th Ave NW –  
June 2012

# Store What's Left



Underground Storage: A  
look underground

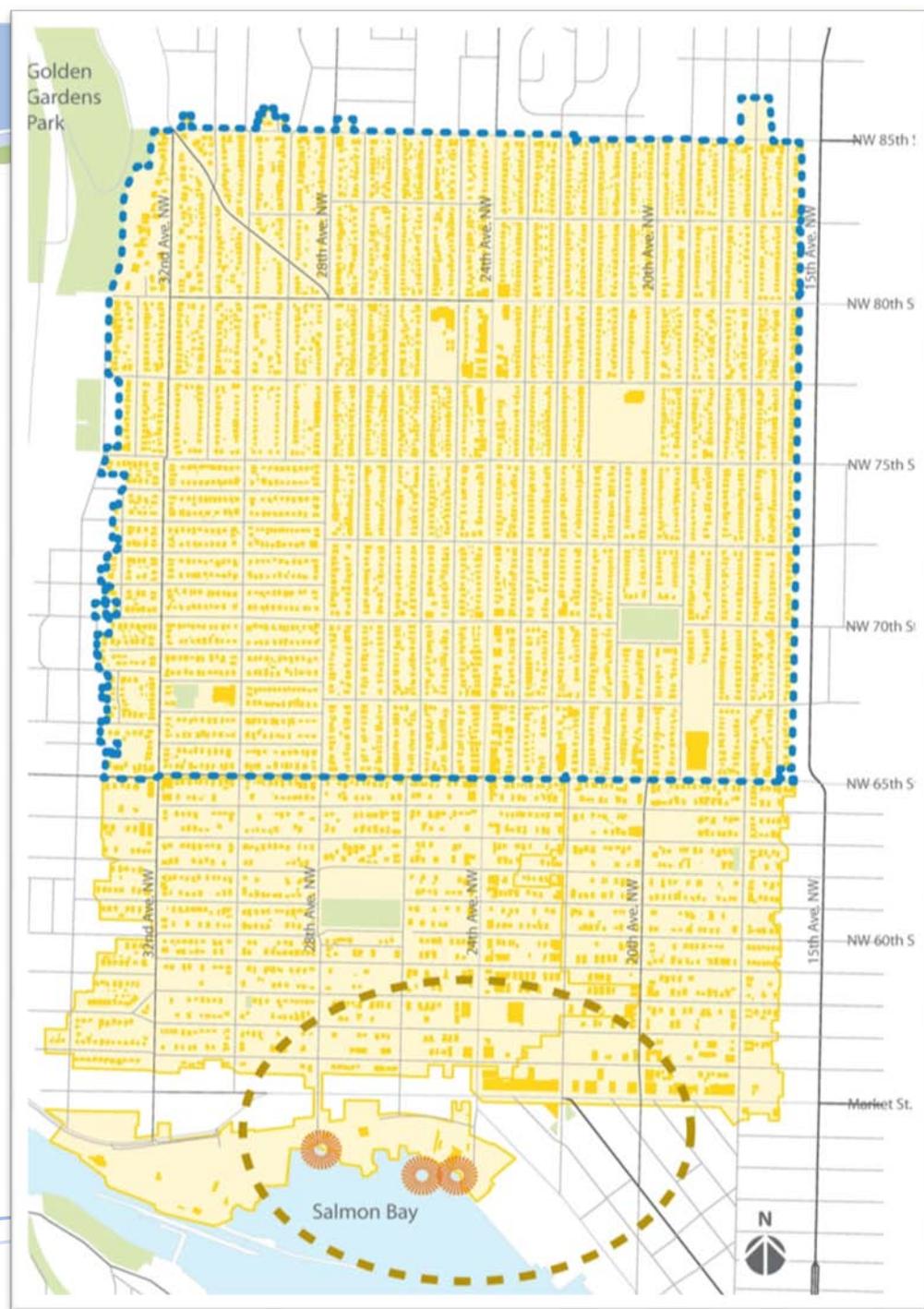


During Construction



Storage Tunnel

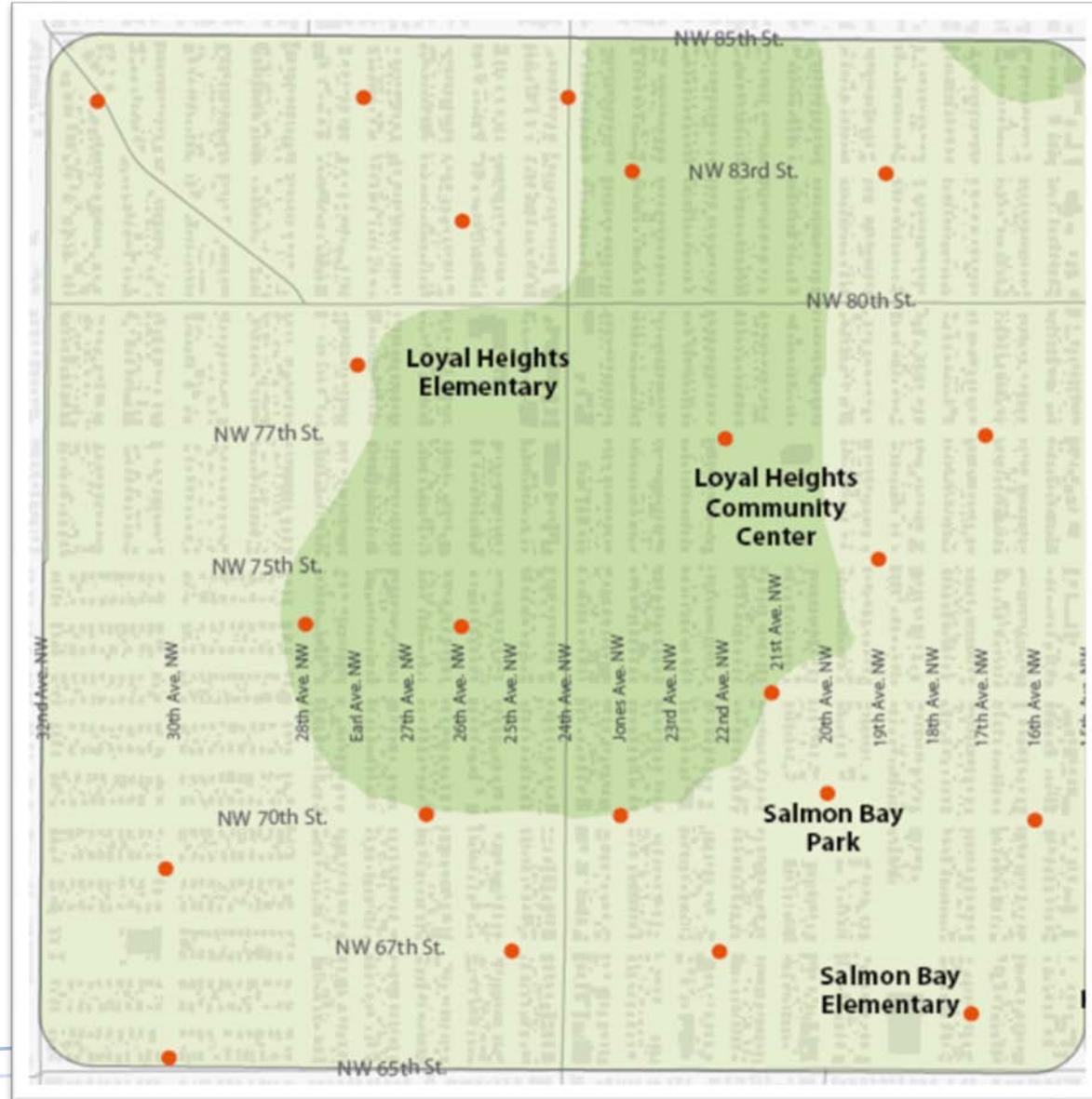
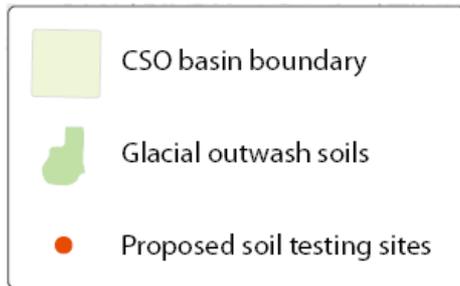
# Project Area



# Project Schedule and Public Involvement Opportunities

- Two-year process
- Ongoing two-way communication
- Regular check points
- Choices about how to be involved

# Soil Boring and Groundwater Monitoring Locations



## Next Steps

- Borings: October-November 2012
- Groundwater Monitoring: on-going for up to a year
- Community survey
- Community workshop: January/February 2013
  - Present results of borings and preliminary groundwater monitoring data
  - Present blocks recommended for infiltration testing
  - Gather input on block selection criteria
  - Gather input on community siting priorities and ideas

For More Details...

**Visit:**

[www.seattle.gov/cso/ballard](http://www.seattle.gov/cso/ballard)

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