

Seattle Public Utilities Combined Sewer Overflow Reduction Program

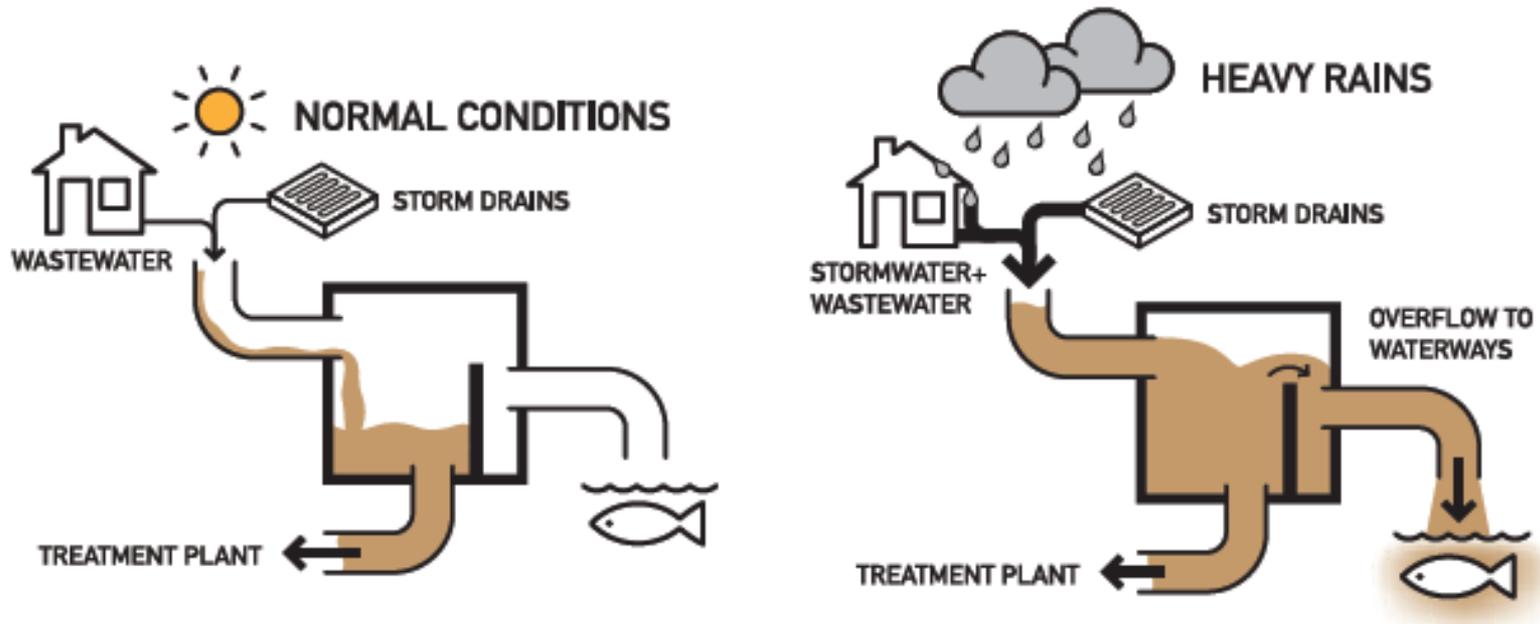
Basin 45 Property Acquisition

May 1, 2012

City Council

Libraries, Utilities, and Center Committee

Combined Sewer Overflows (CSO)



SPU CSO Outfalls

- Seattle Public Utilities manages 90 outfalls in Seattle

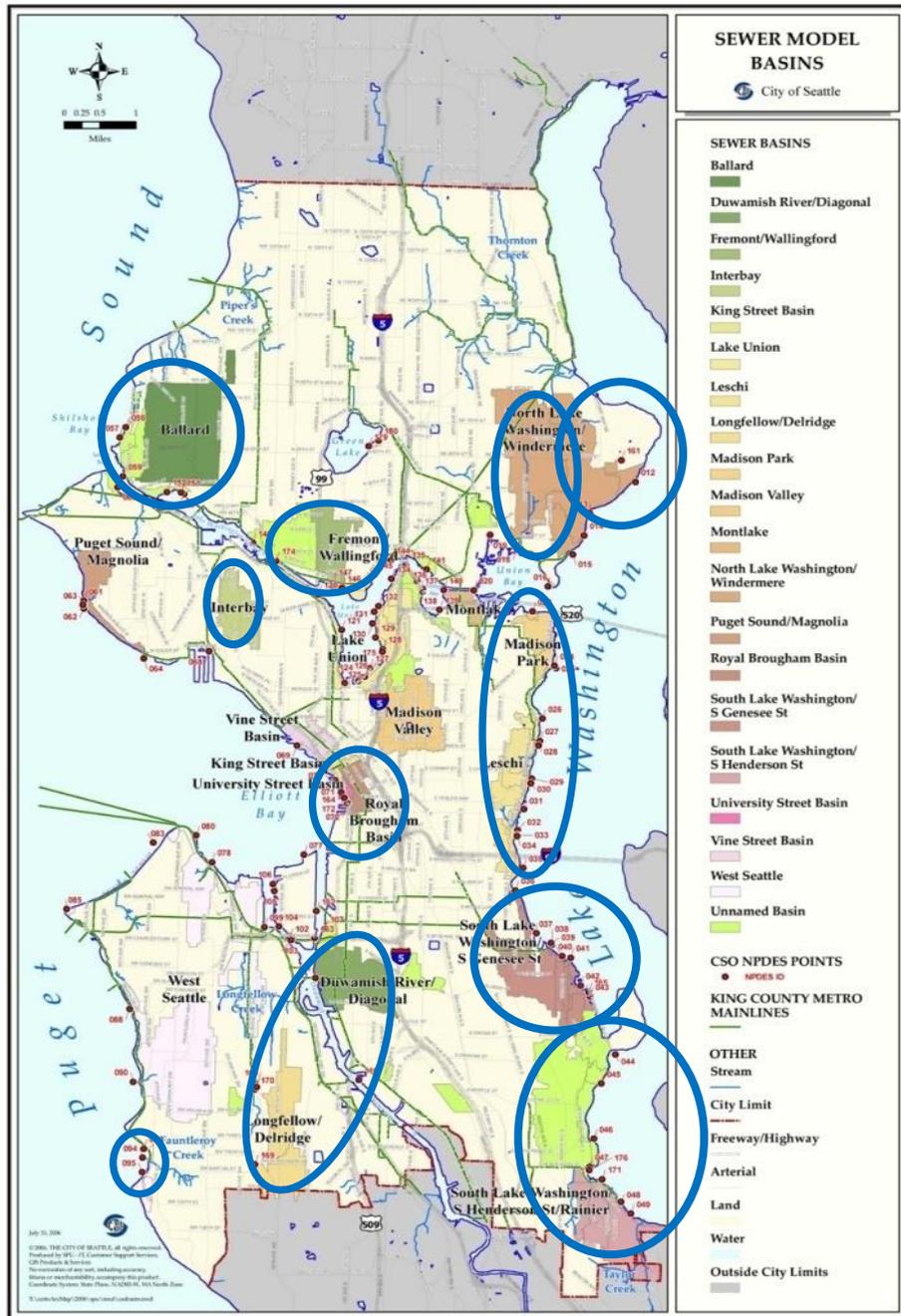


CSO Reduction Program Goals

- 💧 Finish the historic effort
- 💧 Improve water quality
- 💧 Comply with the Clean Water Act, state/federal regulations (*Ecology NPDES permit and Administrative Order, and EPA Consent Decree*)
 - 💧 *Reduce CSOs to an average of one overflow per site per year by 2025*
- 💧 Minimize rate impacts
- 💧 Partner for cost-effective solutions

Five-Year Focus

- 💧 Improve existing system - retrofits
- 💧 Construct control projects
 - 💧 Windermere, Genesee, and Henderson basins
- 💧 Pilot green infrastructure projects
- 💧 Complete Long-Term Control Plan (identifies projects for 2016-2025)



North Henderson (Basin 45) CSO Reduction Project



- Outfall near Martha Washington Park in SE Seattle
- 200,000 gallons of storage required
- Project required by NPDES permit
- Alternative Sites:
 - A: Private Property
 - B: Martha Washington Park
 - C: 57th Ave S.

Preferred Alternative: Underground Storage on Private Property (5560 S. Holly St)



Artist Rendering of Site Following Home Demolition



Artist Rendering of Post-Project Condition



Summary

- I-42 prohibits a non-park use (i.e., CSO storage) in Martha Washington Park if there is a “reasonable and practical alternative”.
- Property owner is a willing seller and has signed a purchase and sale agreement
- Community is working with us on the final design to minimize impacts.

North Henderson Project Schedule

Martha Washington Park Vicinity (Basin 45) Project Timeline

