



King County
Department of Natural Resources and Parks

Architectural/Engineering Consultant Forum

February 23, 2017



KC DNRP – Who Are We?

- Parks and Recreation
- Solid Waste
- Water and Land Resources
- Wastewater Treatment Division

King County Parks Mission



We steward, enhance and acquire parks to inspire a healthy community.





Parks and Recreation

- Enhances quality of life in the region with 200 parks, 175 miles of regional trail, and 28,000 acres of open space
- Over 3 million visitors to Marymoor Park last year
- Major new addition to the trail system will be Eastside Rail Corridor extending from Renton to Woodinville

REGIONAL TRAIL SYSTEM

2014-2019 PARKS LEVY COMMITMENTS



- Address missing trail connections
- Connect transit, P&Rs to trails
- Invest in regional trail corridors such as Eastside Rail Corridor, Lake-to-Sound, East Lake Sammamish Trail
- Coordinate with cities, Sound Transit

MAJOR MAINTENANCE AND TRAILHEADS

2014-2019 PARKS LEVY COMMITMENTS

- Take care of aging infrastructure
- Repair bridges and trestles
- Rehabilitate/improve play areas
- Make critical repairs to parks and facilities
- Expand trailhead parking lots serving 11 parks & trails





Solid Waste Division

- Provides waste transfer and disposal services for all of King County – except for Seattle and Milton
 - Operates eight transfer stations
 - Recycling rate is 54 percent – goal is 70 percent by 2020
 - Operates the 920 acre Cedar Hills Regional Landfill located in Maple Valley

Solid Waste Capital Projects

Cedar Hill Regional Landfill



Bow Lake Recycling & Transfer Station



Factoria Recycling & Transfer Station





Water and Land Resources

- Vision – Protect water and land resources by providing services that protect public health, safety, and provide significant environmental benefits.
- Mission – Protect King County’s water and land so that residents can enjoy them safely today and for generations to come.
- What we do - Provide flood control, stormwater management, water quality, and natural resource management services throughout the county.

www.kingcounty.gov/depts/dnrp/wlr/about/mission



Outreach Forum

**King County, Water & Land Resources
Capital Projects - Consultant & Contractor
Forum**

**June 2017 (Date to be announced)
King Street Center, 8th Floor Conference Room
201 South Jackson Street
Seattle, WA 98104**

If you would like more
information:

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www.kingcounty.gov/depts/dnrp/wlr

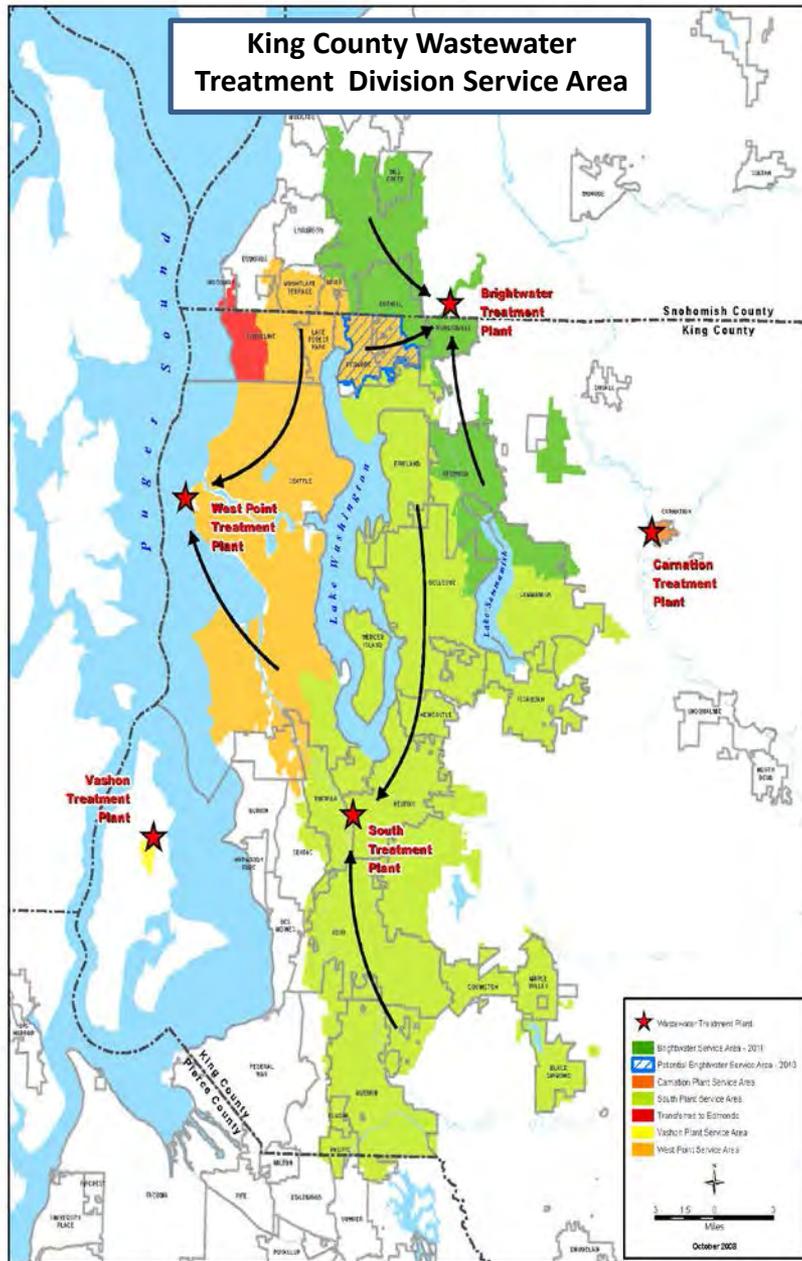


Wastewater Treatment Division

- Vision -An innovative and resilient clean water enterprise revolutionizing the recovery of valuable resources for sustainable communities.
- Mission - We protect public health and enhance the environment by collecting and treating wastewater while recycling valuable resources for the Puget Sound region.

Wastewater Treatment

- 1.5 Million customers
- 600 employees
- 350 miles (540 km) conveyance pipelines
- 5 treatment plants
- 43 pumping, 19 regulator stations
- Resources created:
 - Fertilizer (biosolids)
 - Energy (biogas)
 - Reclaimed water



Regional Treatment Plants



West Point 1966/1995



**Brightwater
2011**



South Plant 1966/1987



Vashon

Carnation





King County CSO Long Term Control Plans

- Control of all remaining CSOs by 2030
- Council approved update of LTCP (budget)
- 2012 last update
- Now-2019: 2018 LTCP Update occurring

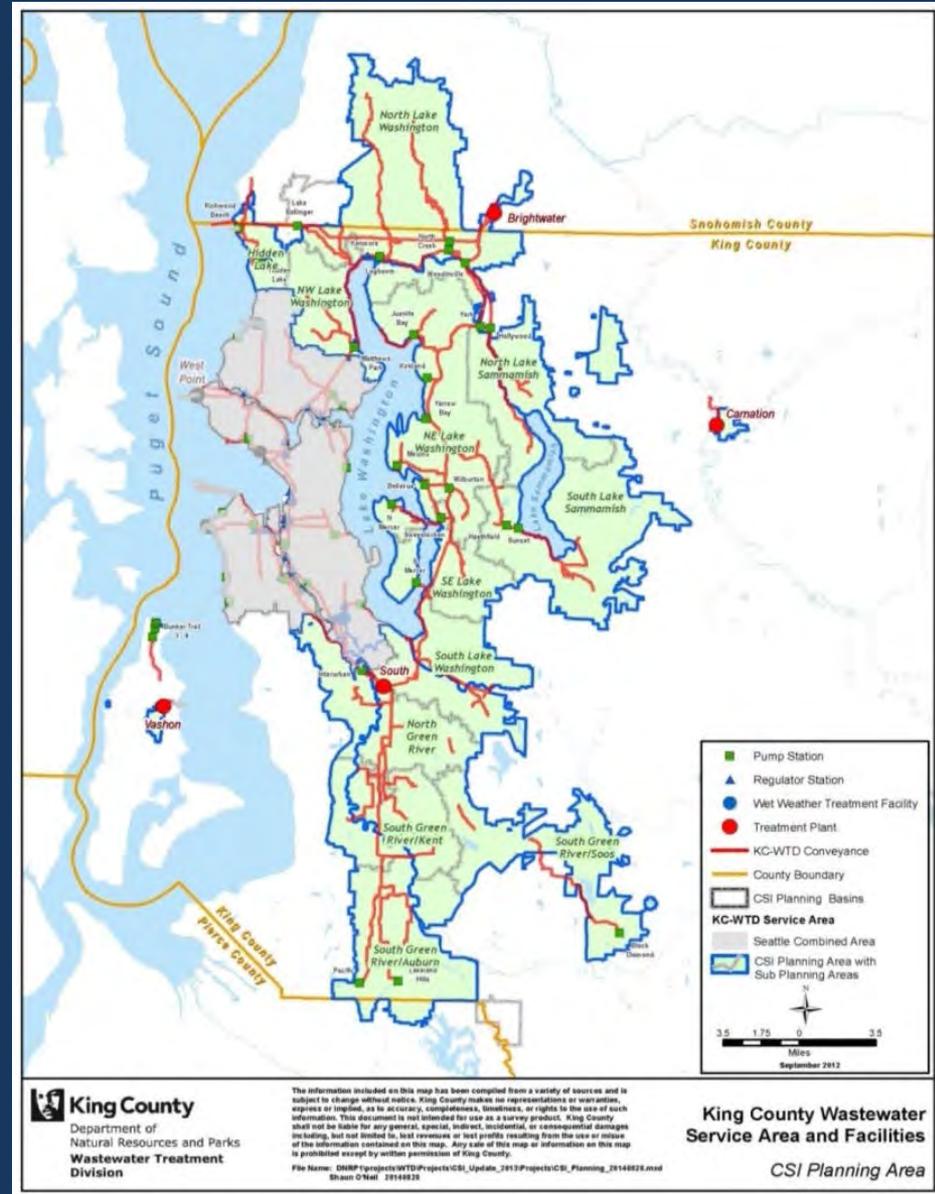
As of Today

- 8 projects to control remaining 14 uncontrolled CSOs by 2030
- Incorporate GSI where cost-effective
- Current schedule is Duwamish Projects first (3 out of 4 underway)
- Ship Canal Water Quality Project underway and led by SPU



Conveyance System Improvement Program

- Guide major improvements to the separated portion of the conveyance system to ensure capacity for regional growth and the 20-year peak flow standard
 - Initiate new capital projects
 - Conduct system planning to identify projects needed to increase capacity



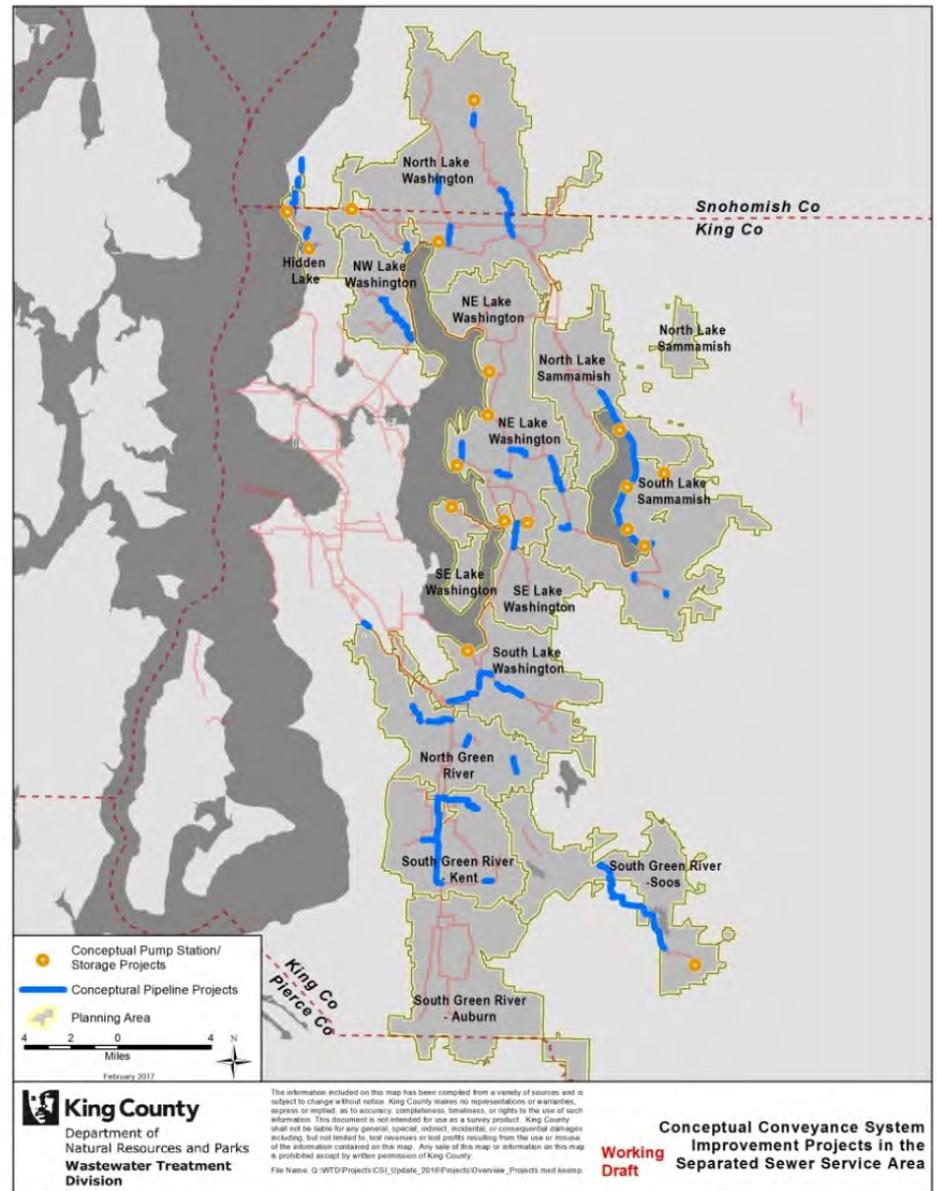
Sammamish Plateau Diversion

- Project initiation in 2018
- Approximately 3.5 miles new wastewater conveyance
- Purpose is to divert wastewater flows away from WTD conveyance at south end of Lake Sammamish



2017 CSI Program Update

- Programmatic plan for improvements to separated conveyance system over time.
- Completing an update of the program in 2017.





Information on Capital Programs

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