

Clean Water Plan

Making the Right Investments at the Right Time

MWPAAC Monthly Briefing

May 26, 2021



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Making the right investments at the right time



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

May Briefing Topics

- Planning Process check-in
- Sharing of Actions information complete
- Upcoming dates to note

Core Planning Question

What is the most appropriate path to ensure we direct the right public investments to the right actions at the right time for the best water quality outcomes?

Clean Water Plan Planning Process Overview



Action: A specific program or set of projects that addresses one of the Decision Areas.

Actions are not standalone solutions, but building blocks that will be shaped and combined in different ways to form Strategies.

Strategy: A group of multiple Actions.

Each Strategy reflects a complete water quality investment approach the County could take for water quality and the regional wastewater system.



Exploring a Range of Actions Within Each Decision Area

Existing and emerging issues to consider in order to make choices and plan for the future

Wastewater Treatment

What treatment plant and wet weather facility investments should be made?

Wastewater Conveyance

What are the best investments in collections systems to ensure sufficient capacity and improve system condition?

Wet Weather Management

What approach should be taken to address stormwater and combined sewer overflows in King County's system?

Legacy Pollution

What are the opportunities to address legacy pollution?

Asset Management, Resiliency, & Redundancy

What investments should be made to care for an aging regional wastewater system and protect the investments that have been made?

Resource Recovery

How should King County recover resources in wastewater?

Pollutant Source Control & Product Stewardship

Are there more efficient or effective methods to address pollutants of concern than wastewater treatment?

Finance

How will regional water quality investments be financed?



Actions Technical Workshops

Goals

- ▶ Dive into details, learn the basics of the ~35 Actions that the Clean Water Plan is exploring
- ▶ Learn about actions through explainer videos, summaries, and recordings

Workshop 1 Tuesday April 20, 9am-1pm	Workshop 2 Thursday May 13, 12:30-4:30pm	Workshop 3 Tuesday May 25, 12:30-4:30pm
Wastewater Treatment	System Health and Resiliency	Wet Weather Management
<ul style="list-style-type: none"> • Wastewater sources/characteristics • Levels of treatment • Regulatory environment • Liquid process • Solids process 	<ul style="list-style-type: none"> • Overview of the system • Existing capacity and level of service • Infiltration and exfiltration • Resiliency 	<ul style="list-style-type: none"> • Landscape Context • Wet weather runoff sources/characteristics • Types (stormwater, CSO)
<ul style="list-style-type: none"> • Increasing Treatment at Regional System • De-Centralization • Control and Removal of Pollutants 	<ul style="list-style-type: none"> • Resiliency, Redundancy • Excess Capacity System Capacity • Onsite Wastewater Management • Resource Recovery 	<ul style="list-style-type: none"> • Stormwater Management • CSO Control • Collection System Optimization • Wrap-up

Thank You MWPAAC Members for Attending

Actions Technical Document Available

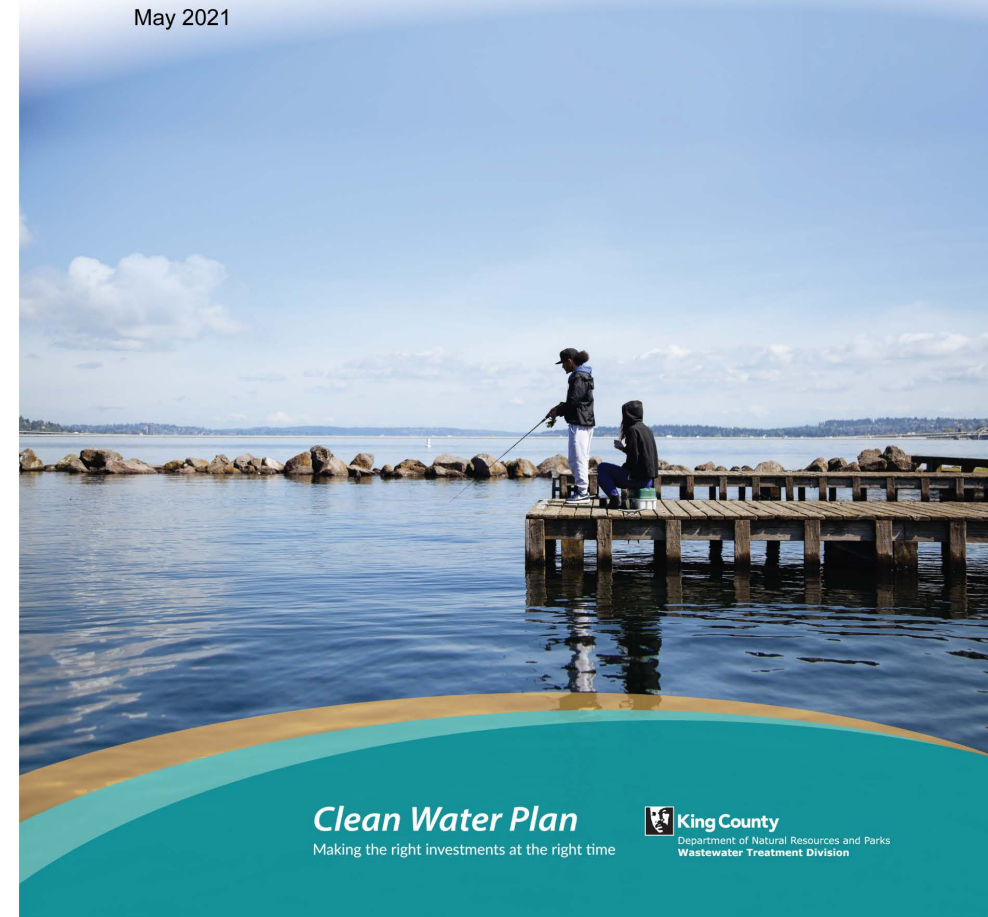
- **Actions: Characterizing Water Quality Investment Options**
 - Provides conceptual technical details of the Actions developed during the planning process.
- **Understanding the Clean Water Plan video**
 - A communication tool that provides a less than four-minute summary of the planning process.

Information resources can be found at:
www.kingcounty.gov/cleanwaterplan

Actions: Characterizing Water Quality Investment Options

FINAL

May 2021



Upcoming dates to note:

- **June 2 – RWQC Briefing**
- **June 11 – Elected Officials Workshop**
- **June 30 – External Advisory Group Meeting**

Questions?

Contact: Steve Tolzman, Program/Project Manager, 206.477.5459 or steve.tolzman@kingcounty.gov