

Clean Water Plan

Making the Right Investments at the Right Time

MWPAAC Monthly Briefing

January 27, 2021



Clean Water Plan

Making the right investments at the right time



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

January Briefing Topics

- Planning Process Refresher
- 2021 Work Plan Overview

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?

Exploring a Range of Actions Within Each Decision Area to Identify the Right Actions



Treatment Plants

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

Pollution Source Control / Product Stewardship

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

Stormwater and Combined Sewer Overflows

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

Wastewater Conveyance System

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

Asset Management, Resiliency, and Redundancy

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

Legacy Pollution

What are the opportunities to address legacy pollution?

Resource Recovery

How should King County recover resources in wastewater?

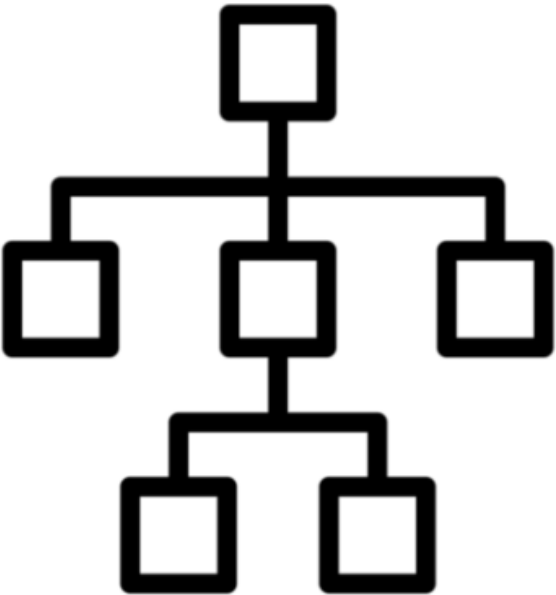
Finance

How will regional water quality investments be financed?

Clean Water Plan – Strategies

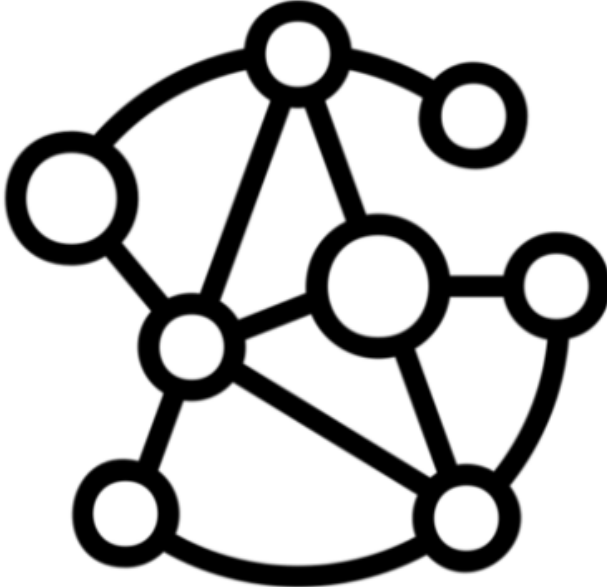
- **Definition:** A grouping of multiple actions across decision areas that incorporates timing, sequencing, inter-relationships, and policy considerations reflecting a complete water quality investment approach.
- **Purpose:** Provide data-based depictions of future water quality investment approaches and expected outcomes for a regional discussion and consideration by decision makers.

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?*



Actions:

- One structure – one function



Strategies:

- System context with multiple functions

Linking Actions to Strategies to Preferred Strategy

**Actions
(~35)**

**Strategies
(~5)**

**Preferred
Strategy (1)**

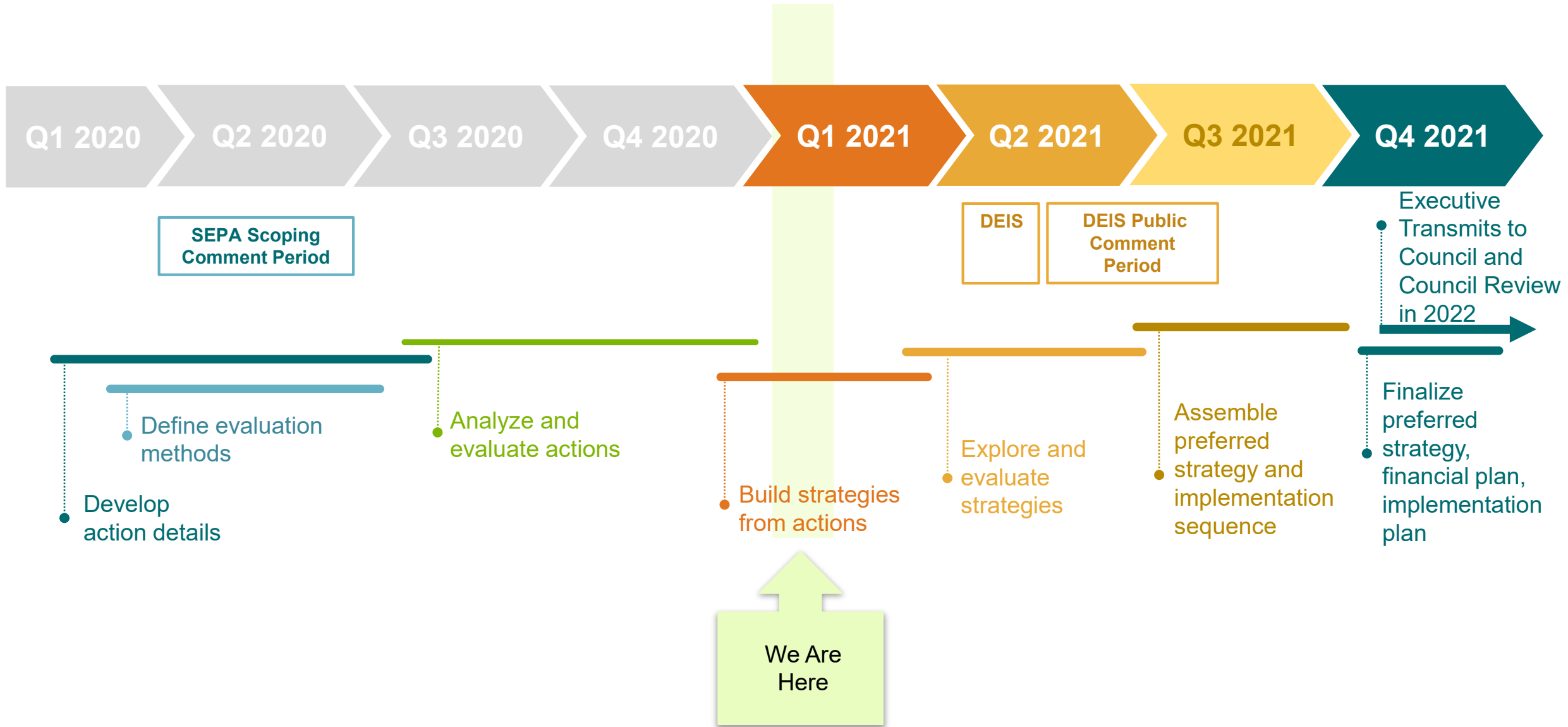
We Are Here

- Spectrum of possible investments within each Decision Area.
- Policy implications of investments
- Available to select and shape as inputs or building blocks for Strategies

- Policy considerations and data-based depictions of approaches to investing in the regional wastewater system and water quality
- Presented in Draft EIS and Strategies documentation representing a range of choices and opportunities

- Assembled based on strategy analysis and regional discussion
- Informed selection of an approach to investing the regional wastewater system and water quality
- Enables shaping policies around a regionally agreed upon direction

Planning Process – Timeline and Steps



2021 Clean Water Plan Work Plan Overview

- **MWPAAC**
- **Elected Officials Workshops**
- **Actions Technical Workshops**
- **Deliverables – Plan Development Documents**

Ongoing MWPAAC Engagement in 2021

- **MWPAAC Briefing – Monthly**
- **MWPAAC Task Force – Quarterly or more frequently**
- **External Advisory Group – Quarterly**
 - **2 MWPAAC member seats on the group**
- **Elected Official Workshops – Five workshops in 2021**
 - **Opportunity for all local sewer agency representation**
 - **Timing:** Start in March with additional workshops at plan development milestones

2021 Regional Engagement and Plan Development

- **Q1 and Q2 2021**

- **Engagement:** Share water quality investment Actions with the region to provide basis for discussion of Strategies
- **Deliverables highlights:**
 - Actions Technical Workshops
 - Actions Document
- **Plan Development:** Build Strategies for investing in the regional wastewater system and water quality from the Actions

- **Q3 and Q4 2021**

- **Focus:** Share alternative Strategies with the region for discussion on choices and opportunities
- **Deliverables highlights:**
 - Strategies Document
 - Draft EIS
 - Engagement, including workshops

Actions Technical Workshops

- **Purpose:** Present the “why and what” on Clean Water Plan Actions to assist interested parties with engaging in upcoming conversation about Strategies
 - **Action (or Decision Area) concepts**
 - Why is this technical overview relevant information for the Clean Water Plan
 - What is in the information that is needed to understand Clean Water Plan decisions
 - **Action outcome take-aways**
 - Major aspects of concept (e.g., requires new program development, requires construction of large new facility(ies))
 - Costs
 - Pollutant removal performance
- **Desired Outcome:** Interested parties are prepared to engage in the Strategies discussion
- **Format:** Virtual (i.e., zoom) workshops opening with one introductory session followed by a series of three technical workshops
- **Timing:** Start March/April and complete May

Deliverables – Plan Development Documents

- **Clean Water Plan Actions Document – *Water Quality Investment Program Options***
 - ▶ Document that presents to the region the range of and planning-level detail on the conceptual water quality investment Actions
- **Clean Water Plan Strategies Document – *Exploration of Water Quality Investment Approaches***
 - ▶ Document(s) that presents to the region the planning-level details of the complete water quality investment approaches (aka Strategies) the County could take to invest in the regional wastewater system and water quality
- **Draft Programmatic Environmental Impact Statement Document**
 - ▶ Document that presents the Strategies to the public to satisfy SEPA review requirements for environmental review of the Plan

Questions?

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