



# Kitsap County Public Works



*Caring about your every day*

## SOLID WASTE



- Recycling Education
- Reduce Waste
- Safe Disposal

## SEWER



- Sewage Collection
- Sewage Treatment
- Water Reuse

## STORMWATER



- Reduce Flooding
- Prevent Pollution
- Restore Natural Function

## ROADS



- Preserve Roadways
- Efficient Traffic
- Improve Safety and Capacity

## CAPITAL FACILITIES



- Facilities Maintenance
- Project Management
- Capital Construction



# Sewer Utility Division 2025 General Sewer Plans

(Central Kitsap, Kingston, Manchester, and Suquamish)

Central Kitsap CAC

Presented by: Anthony Burgess, PE



Kitsap County Department of Public Works



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## Agenda

- Who we are
- What is a Sewer General Plan?
- Purpose of the Plan
- Description of chapters
- How does this affect me?
- Public Process (SEPA/SERP)
- Next Steps for Approval
- Q and A

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**KITSAP COUNTY**  
**MANCHESTER**  
**GENERAL SEWER PLAN**  
**UPDATE**  
January 2025

PREPARED BY:	PREPARED FOR:
<b>Conсор</b> Point of Contact: Erika Schuyler, PE 600 University Street, Suite 300 Seattle, WA 98101 p: 206.462.7030 e: erika.schuyler@consoreng.com	<b>Kitsap County</b> Sewer Utility Division of Public Works Department 507 Austin Avenue Port Orchard, WA 98366

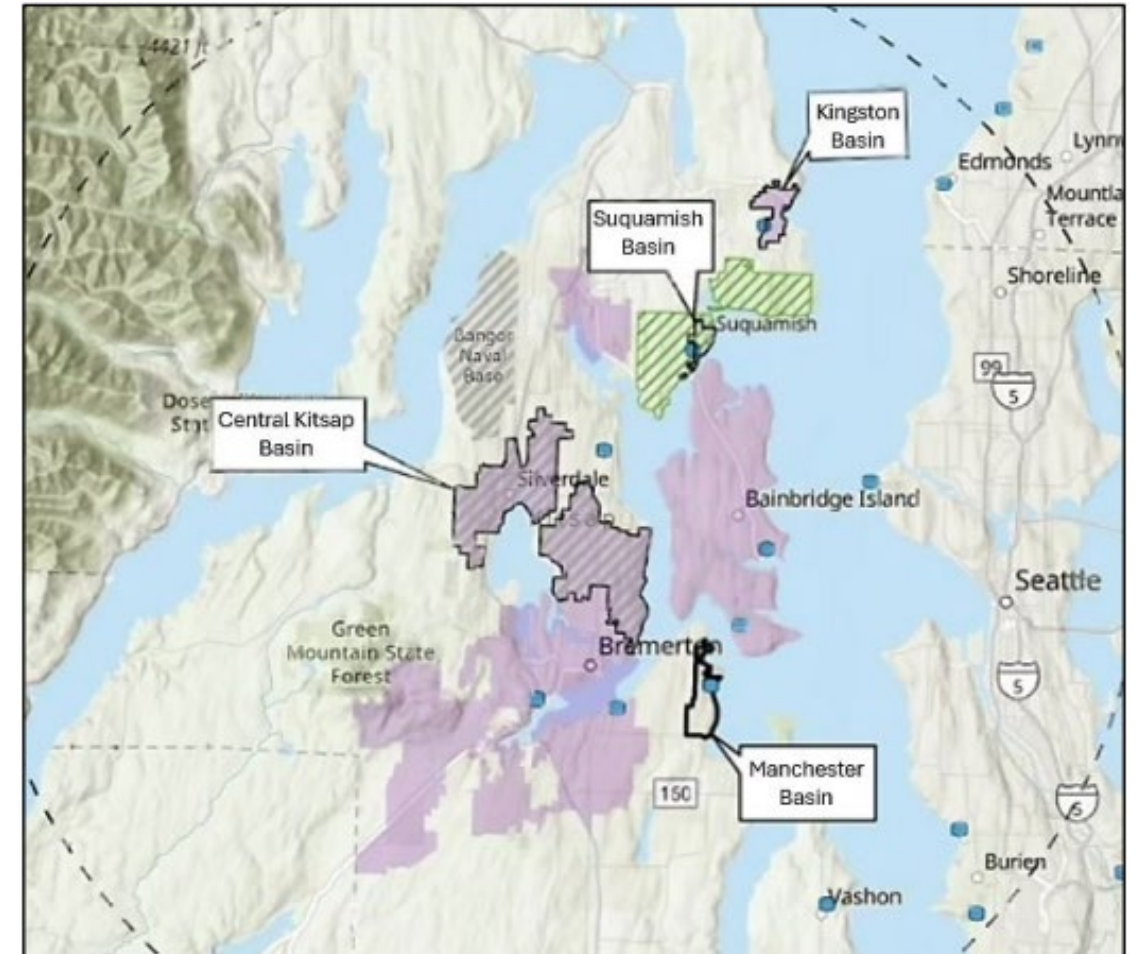


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## Who we are – Kitsap County Sewer Utility Division

- 4 service areas (Central, Kingston, Manchester, Suquamish).
- 4 treatment plants.
- Over 220 miles of pipeline.
- 65 Lift Stations and growing.
- Staff of roughly 75 full time employees.





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## What is a General Sewer Plan?

- Required by WAC 173-240-050 and RCW 90.48.110
  - Discuss Treatment Plant operations, regulatory requirements, and operational needs over the planning period 2023-2044.
  - Factor regional growth, and policies to support the County Comprehensive Plan.
  - Provide preliminary information to drive future capital projects with a potential funding strategy.
- The General Plan is reviewed and approved by Department of Ecology and Kitsap County Board of County Commissioners.



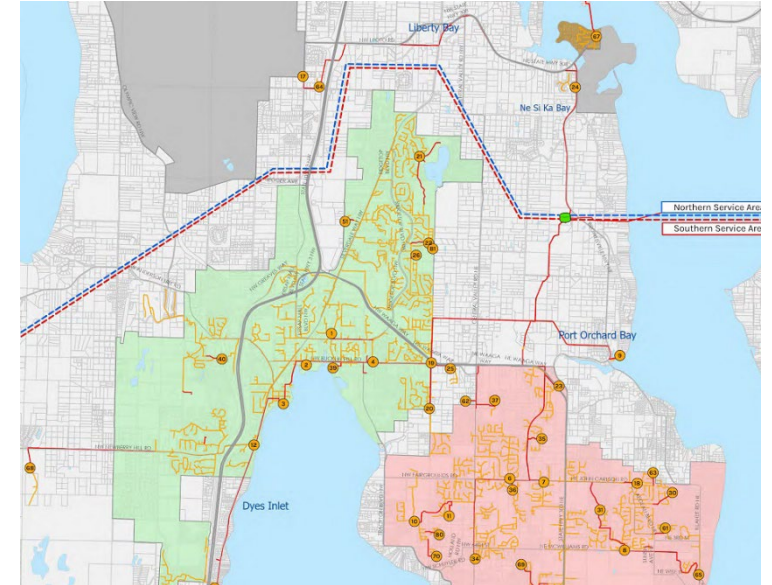


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## Purpose of General Sewer Plan

- Identify current and future system deficiencies
  - Capacity constraints due to growth
  - Facility degradation or obsolescence
  - Regulatory requirements
- Create future capital projects funded primarily by utility rates (your sewer bill)
  - Projects created at a conceptual level and will evolve once in full design
  - Opportunity for additional public involvement
- Provide the public a complete picture of the Sewer Utility.





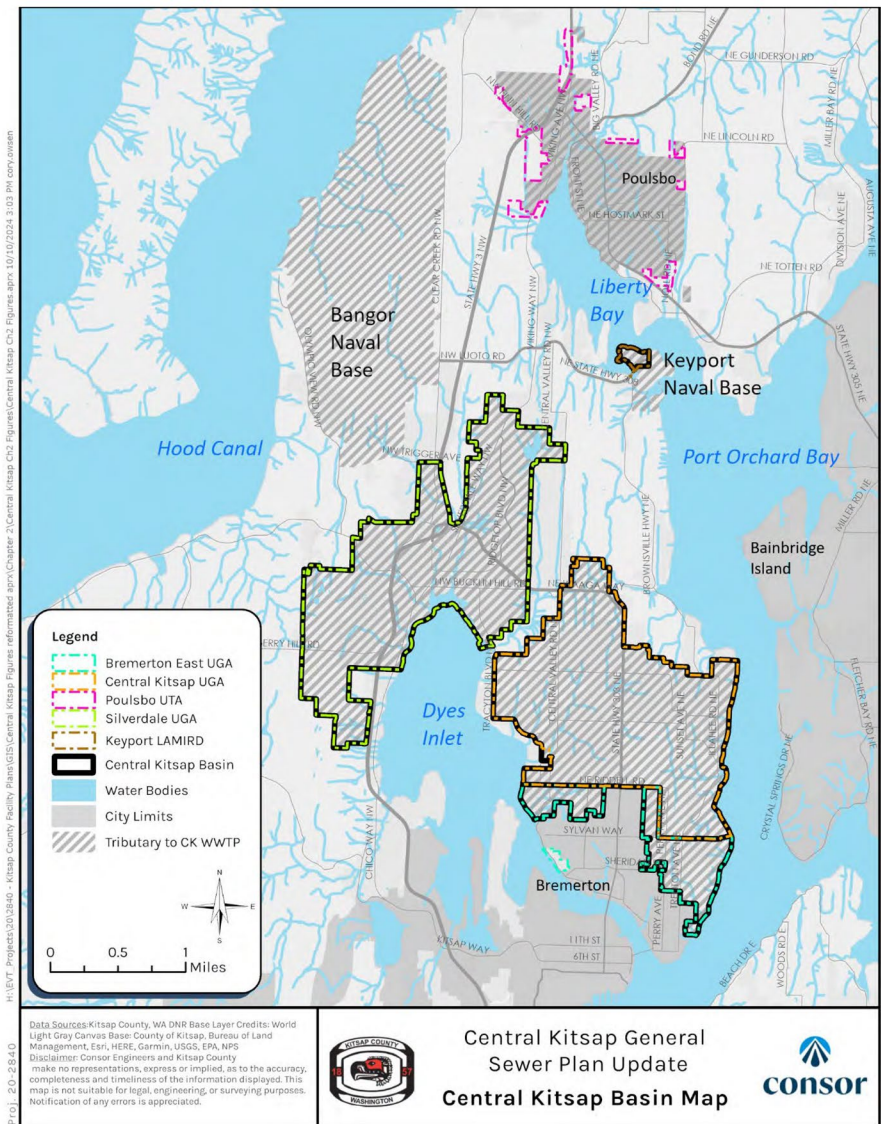
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## General Sewer Plan Chapters

### Executive Summary

- 1. Introduction
- 2. Service Area Characterization
- 3. Population, Flow, and Load Projections
- 4. Regulatory Requirements
- 5. Collection and Conveyance Existing Conditions
- 6. Wastewater Treatment Facilities Existing Conditions
- 7. Collection and Conveyance System Analysis
- 8. Wastewater Treatment System Analysis
- 9. Recycled Water
- 10. Operations and Maintenance
- 11. Capital Improvement Plan
- 12. Financial Strategy





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## How does this affect me?



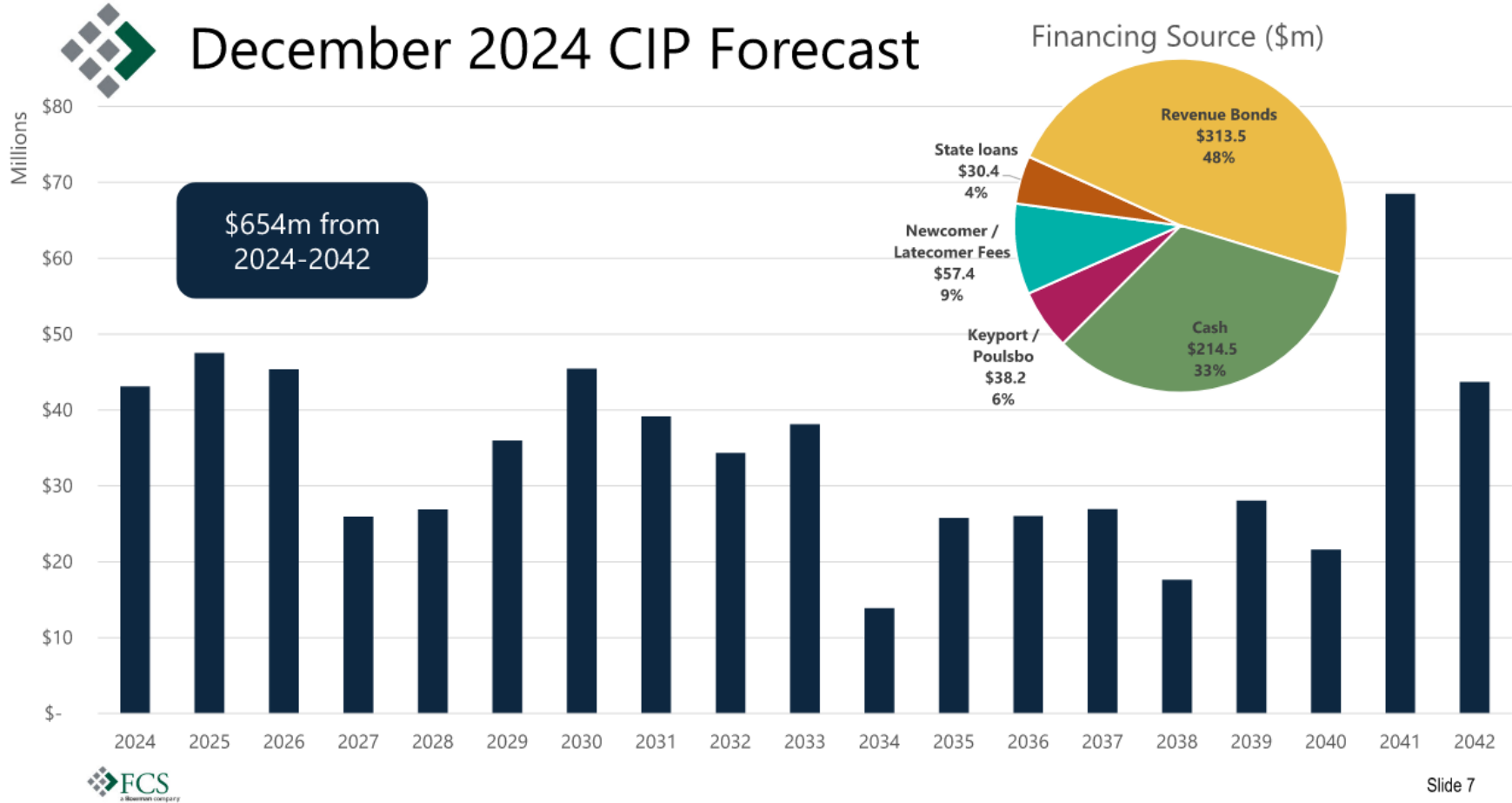
- Provides plan for the Utility to continue to provide excellent service.
- Supports the growth strategies of the County Comprehensive Plan.
- Protects the environment by following emerging regulations.
- Creates Projects in your neighborhood.
- Created projects impact your sewer bills.



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## Chapter 11: Capital Improvement Plans Combined

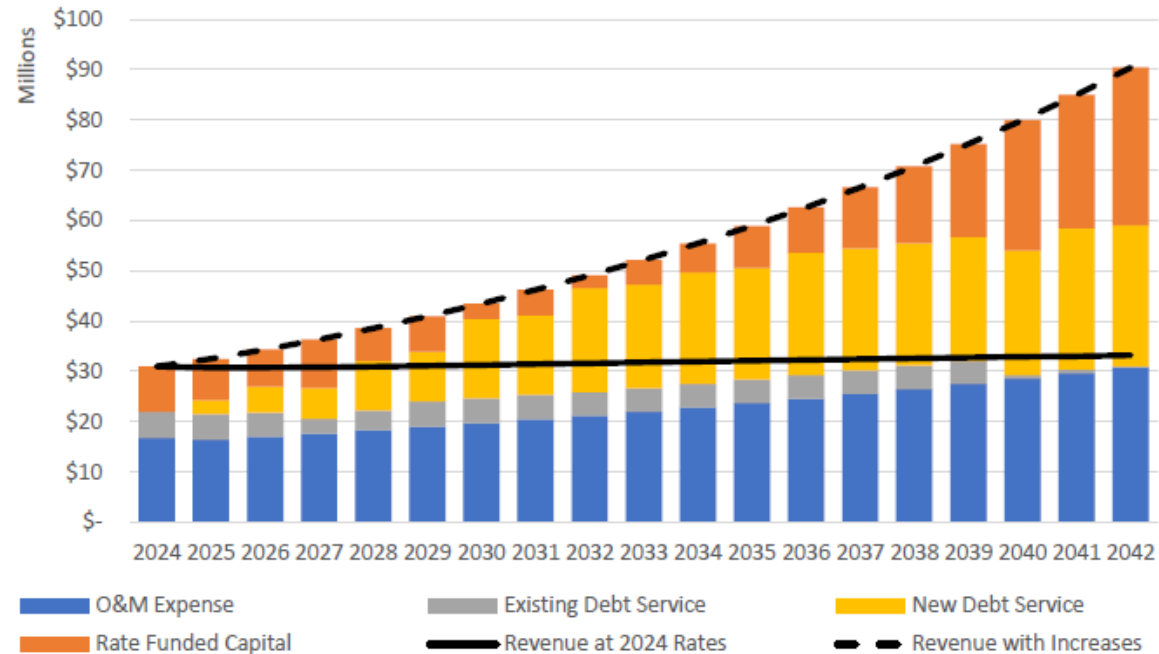




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## Chapter 12: Capital Improvement Plan (20-Yr)



### Current Financial Strategy

- Mix of bonds and pursuance of grants and low-cost loans
- 6.3% rate increase in 2025 year, 6% each year thereafter

Sewer Division will discuss rates separately with the BOCC which will require a separate public process.



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## Projects in your Neighborhood:

### CKTP Solids and Liquid Hauled Waste Upgrades (CFP #PR000859)

#### Central Kitsap Treatment Plant Project Location

#### Project Description

Replace 1970's era Digesters in critical condition, provide additional capacity for solids processing including F.O.G. intake and relocated Maintenance Building.

Project will be first GC/CM delivered project for Kitsap County.

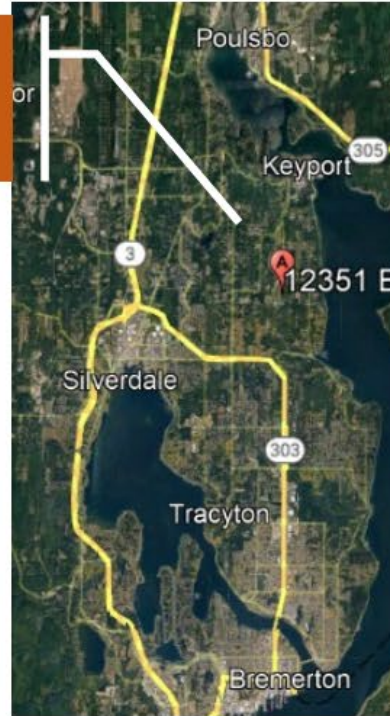
Project will expand electrical needs of facility for new Maintenance Building and bring natural gas to the site.

#### Status and Timeline

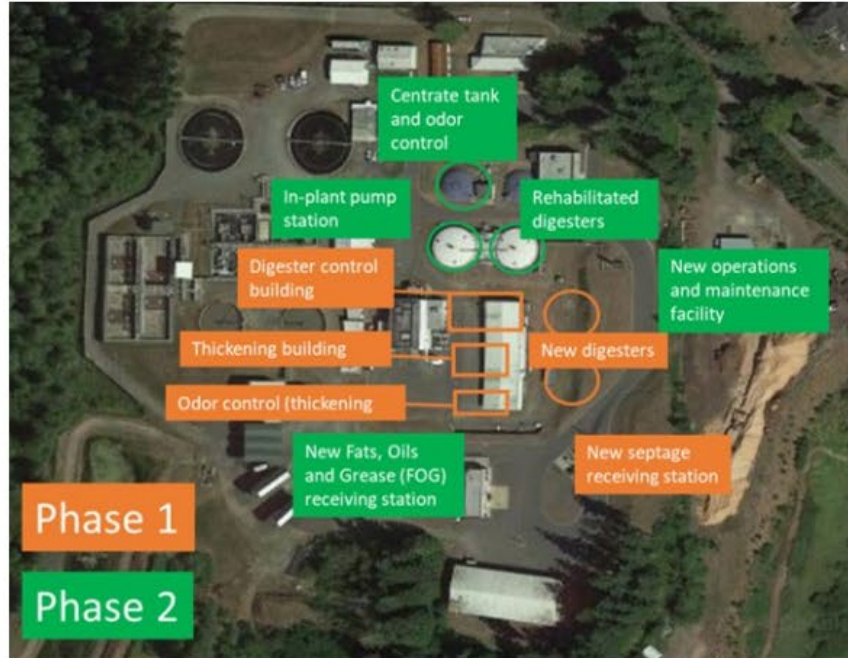
Project design start: Spring 2023

Anticipated Construction Start: 2025

Anticipated Construction End: 2028



#### Estimated Construction Cost



\$140,000,000.00

#### Funding Source

Kitsap County Public Works Sewer Utility

Proportionate Share from City of Poulsbo and Keyport USN



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## Projects in your Neighborhood:

### Pump Station 41 and 71 Upgrades (CFP #XXXXXXXX)



**Project Description**

Upgrade/replace stations and increase capacity in forcemain.

**Status and Timeline**

Project design start: 2026

Anticipated Construction Start: 2027

Anticipated Construction End: 2028

**Estimated Construction Cost**    \$6,800,000

**Funding Source**

Kitsap County Public Works Sewer Utility



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## Projects in your Neighborhood:

### Suquamish TP Upgrades (CFP #PR000859)



#### Project Description

Plant is experiencing piping failure, Alternatives analysis to be performed prior to design.

#### Status and Timeline

Project design start: Summer 2025

Anticipated Construction Start: Summer 2027

Anticipated Construction End: 2028

Estimated Construction Cost \$8,700,000

#### Funding Source

Kitsap County Public Works Sewer Utility



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## State Environmental Policy Act Process Requirements



Hold a Public Meeting and include commentary in project application.



Public Meeting minutes, presentation, and any comments will be submitted to DCD.



DCD will administer the SEPA public involvement process.

Evaluate the proposal.  
Distribute draft Checklist for inter-agency and tribal consultation.  
Assess significance and issue a threshold determination.



DCD will provide threshold determination for public comment

(14 Days for Public Comment after being published)



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## What is SERP?



The State Environmental Review Process (SERP) is a process projects are required to navigate if awarded a water quality program grant or loan from the State.



The process requires review for potential impacts to environmental or cultural resources. Considering social, cultural, economic, and environmental impacts before financing projects that improve water quality.

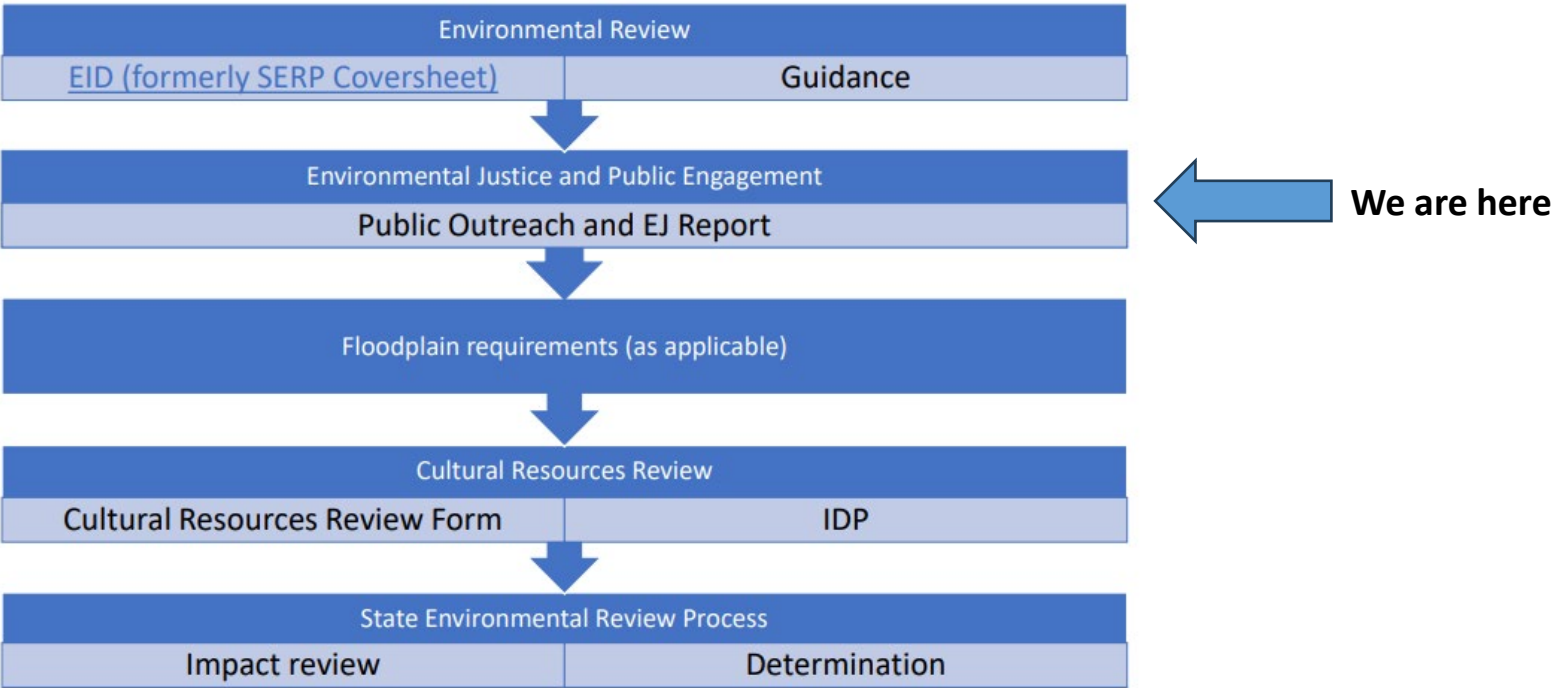


This plan is a recipient of State Revolving Fund (SRF) money and is required to navigate this process.



## SERP Requirements

Figure 1 - Minimum Requirements for SERP EID





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### SEPA/SERP Public Outreach Component



Project website ([kcowa.us/cktp](http://kcowa.us/cktp))



Notices to the public

Notice in Bills  
Affidavit in Paper



Public comment period (open until April 30th)



Public meeting



Document all comments/questions



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## Next Steps

- Public Meeting and Public Comment Period
  - Public Comment Period for SEPA, SERP regarding the General Plans is open until 5:00 pm April 30, 2025.
  - All submitted commentary and responses will be included in the documentation submitted to Department of Community Development, Department of Ecology, and Board of County Commissioners for final approval.
- General Plan Approval
  - Awaiting Approval from Department of Ecology.
  - Will present to the Board of County Commissioners BOCC when Ecology review is completed.

Comments can also be provided via email:

[Sewerutilitydivision@kitsap.gov](mailto:Sewerutilitydivision@kitsap.gov)

[awburgess@kitsap.gov](mailto:awburgess@kitsap.gov)

Via mail:

ATTN: Sewer General Plan  
Kitsap County Public Works  
Anthony Burgess  
614 Division Street. MS-26  
Port Orchard, WA 98366



# Thank you

# Questions?

Anthony Burgess, PE  
[awburgess@kitsap.gov](mailto:awburgess@kitsap.gov)

