



Meeting Date:
Agenda Item No:

<u>Kitsap County Board of Commissioners</u>		
Office/Department: Kitsap County Public Works (KCSU) Sewer Utility		
Staff Contact & Phone Number: Nick Martin, 360-271-1427		
Agenda Item Title: Resolution Establishing Kitsap County Public Works Sewer Utility Division Six-Year Capital Facilities Plan (CFP)		
Recommended Action: Motion to Adopt Resolution Establishing the Kitsap County Public Works Sewer Utility Six-Year Facilities Plan (2025-2030)		
Summary:	<p>In compliance with RCW 36.70A.130(2)(a)(iv) and KCC 21.08.020, Kitsap County Department of Public Works, Sewer Utility has conducted assessments of the County owned/operated municipal sanitary sewer systems and has developed the attached Six-Year Capital Facilities Plan (CFP). The CFP shows projects and associated costs for 13 sanitary sewer treatment and collection system improvements from January 1, 2025, through December 31, 2030. The Kitsap County Comprehensive Plan is updated annually with the current approved CFP.</p> <p>The six-year list of improvement projects has been developed from the 20-year sewer facility plans, recent technical memorandums, and maintenance records for Central Kitsap, Kingston, Suquamish. The projects were selected based on evaluation of capacity needs, future DOE regulation changes, infrastructure in use past its service life, and the potential for system failures</p>	
Attachments:	<ol style="list-style-type: none"> 1. Resolution 2. Six-Year Sewer Capital Facilities Plan (CFP) 3. Proposed CFP Project Map 	
Fiscal Impact for this Specific Action		
Expenditure required for this specific action:	\$205,222,000 over 6 years	
Related Revenue for this specific action:	\$0.00	
Cost Savings for this specific action:	\$0.00	
Net Fiscal Impact:	\$205,222,000 over 6 years	
Source of Funds:	City of Poulsbo, USN Keyport, Sewer Fees, DOE, PWTF, DOE	
Fiscal Impact for Total Project		
Project Costs:	\$205,222,000 over 6 years	
Project Costs Savings:	\$0	
Project Related Revenue:	\$ 35,633,634 (City of Poulsbo, US Navy)	
Project Net Total:	\$169,588,366 over 6 years	
<u>Fiscal Impact (DAS) Review</u>		
Departmental Review & Coordination		
Department	Department Director	
Public Works	Andrew B. Nelson, P.E.	Approved

RESOLUTION NUMBER _____
Kitsap County Public Works Sewer Utility Division
Six-Year Capital Facilities Plan

WHEREAS, in compliance with Kitsap County Code Chapter 13.04.010, the Kitsap County Department of Public Works Sewer Utility Division has conducted an assessment of the County owned/operated municipal sewer systems and has developed a six- year comprehensive plan for financing Sewer Capital improvements for the period of January 1, 2025 through December 31, 2030 and,

WHEREAS, in further compliance with said RCW, the Board of Kitsap County Commissioners has held a public hearing on the 25th day of November, 2024.

BE IT THEREFORE RESOLVED, by the Board of Kitsap County Commissioners, that the attached Six Year Capital Facilities Plan for Kitsap County Department of Public Works Sewer Division be adopted as set forth in detail, for the period mentioned, which are incorporated and made part of this Resolution.

BE IT FURTHER RESOLVED, that, pursuant to RCW 36.70A.130(2)(a)(iv) and KCC 21.08.020(H), the Board of County Commissioners hereby incorporates portions of the Sewer Six-Year Capital Facilities Plan into the Kitsap County Comprehensive Plan, Appendix A – Capital Facilities Plan. This incorporation by reference replaces and updates the Sewer section, specifically the subsection entitled “Capital Facilities Projects and Financing: 2025 - 2030.” The portions of the Sewer Division Six-Year Capital Facilities Plan that are incorporated are only those components necessary for the Capital Facilities Plan, as set forth in the current Capital Facilities Plan.

Dated on this _____ day of _____, 2024

BOARD OF COUNTY COMMISSIONERS
KITSAP COUNTY, WASHINGTON

Katherine T. Walters, Chair

ATTEST:

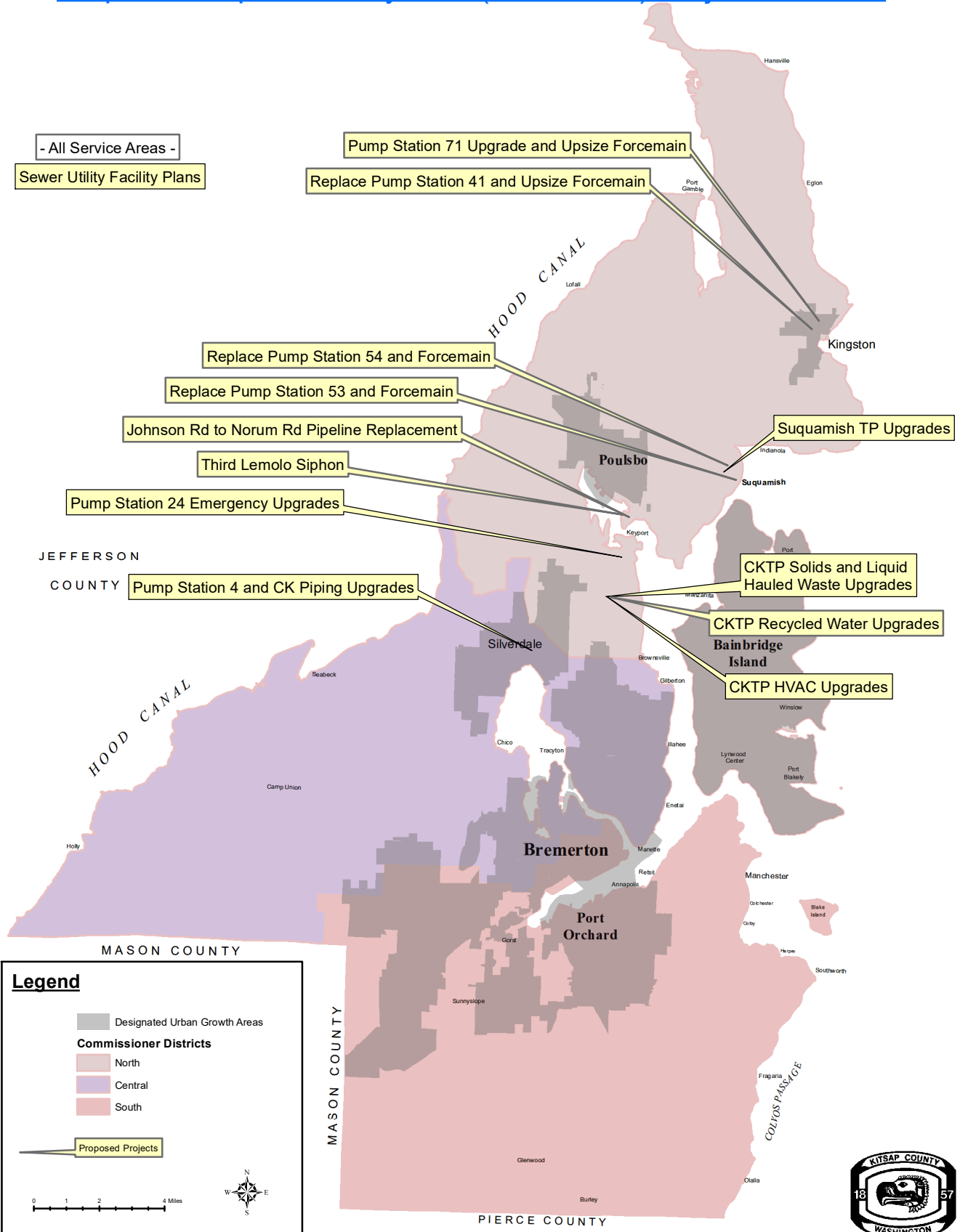
Charlotte Garrido, Commissioner

Dana Daniels
Clerk of the Board

Christine Rolfes, Commissioner

Kitsap County Sewer Utility Division

Proposed Capital Facility Plan (2025-2030) Project Locations



Kitsap County Sewer Utility 6-Year Capital Facility Plan (CFP) 2025-2030

Table SS.3-1. Capital Facilities Projects and Financing 2025-2030

KEY		
<u>Project Type</u>	T	Treatment
	C/C	Collection and Conveyance
<u>Project Purpose</u>	A.	Capacity
	B.	Outdated Infrastructure
	C.	Water Quality / Water Resource
	D.	Energy Efficiency
	E.	Planning

CFP No.	Project No.	Project Identification & Scope	Project Type	Project Purpose(s)	Project Phase	2025	2026	2027	2028	2029	2030	6-Year CFP Total	Estimated Total Project Cost
1	PR000847	<u>CKTP HVAC Upgrades</u> The project is to replace the HVAC system including duct work and controls in the Admin and Process Buildings with more efficient equipment. The existing HVAC system in the Administration Bldg does not maintain the a reliable temperature required in the laboratory for accreditation. Proportionate share from Poulsbo and Keyport USN *	T	B & D									\$1,990,000
					Eng/Permitting	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	
					Const/CM	\$ 1,450,000	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 1,540,000	
					Total	\$ 1,500,000	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 1,590,000	
2	PR001012	<u>CKTP Solids and Liquid Hauled Waste Upgrades</u> Long term solids improvements and development liquid hauled waste facilities. Elements of the project include adding a third digester, new thickening process, in-plant pump station, septage and FOG receiving stations, and rehabilitate an existing digester Proportionate share from Poulsbo and Keyport USN *	T	A & B									\$149,000,000
					Eng/Permitting	\$ 5,000,000	\$ 2,000,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ 9,000,000	
					Const/CM	\$ 30,000,000	\$ 35,000,000	\$ 35,000,000	\$ 35,000,000	\$ -	\$ -	\$ 135,000,000	
					Total	\$ 35,000,000	\$ 37,000,000	\$ 37,000,000	\$ 35,000,000	\$ -	\$ -	\$ 144,000,000	
3	PR000859	<u>Suquamish TP Upgrades</u> Replace existing headworks (screening and grit removal) and construct an influent EQ tank. Replace corroded piping and obsolete valve actuators. Perform upgrades to conform to NFPA 820 fire code deficiencies.	T	B									\$10,500,000
					Eng/Permitting	\$ 800,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,800,000	
					Const/CM	\$ -	\$ 5,000,000	\$ 3,700,000	\$ -	\$ -	\$ -	\$ 8,700,000	
					Total	\$ 800,000	\$ 6,000,000	\$ 3,700,000	\$ -	\$ -	\$ -	\$ 10,500,000	

10	NEW	<u>Replace Pump Station 54 and Forcemain</u>	C/C	A & B									\$8,114,000	
		Replace pump station in Suquamish to increase firm capacity to approximately 1,200 gpm and replace 900 LF of forcemain with 10-inch diameter.			Eng/Permitting	\$ -	\$ -	\$ -	\$ -	\$ 1,114,000	\$ -	\$ 1,114,000		
					Const/CM	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000	\$ 3,500,000	\$ 7,000,000		
					Total	\$ -	\$ -	\$ -	\$ -	\$ 4,614,000	\$ 3,500,000	\$ 8,114,000		
		*Need updated condition analysis.												
11	NEW	<u>Replace Pump Station 41 and Upsize Forcemain</u>	C/C	A & B									\$3,700,000	
		Replace Kingston pump station with firm capacity of 630 gpm. Replace 1400 LF with 8-inch diameter forcemain along West Kingston Rd. Install standby generator. LS is 50 years old and is directly on the Appletree Cove shoreline.			Eng/Permitting	\$ -	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000		
					Const/CM	\$ -	\$ -	\$ -	\$ 3,100,000	\$ -	\$ -	\$ 3,100,000		
					Total	\$ -	\$ -	\$ 600,000	\$ 3,100,000	\$ -	\$ -	\$ 3,700,000		
		*Need updated condition analysis.												
12	NEW	<u>Third Lemolo Siphon</u>	C/C	A & B									\$10,000,000	
		The project will construct a third siphon under Liberty Bay for capacity and redundancy. City of Poulsbo will conduct predesign and permitting effort.			Eng/Permitting	\$ -	\$ -	\$ -	\$ -	\$ 710,000	\$ 710,000	\$ 1,420,000		
					Const/CM	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
					Total	\$ -	\$ -	\$ -	\$ -	\$ 710,000	\$ 710,000	\$ 1,420,000		
		Proportionate share from Poulsbo *												
13	NEW	<u>Pump Station 71 Upgrade and Upsize Forcemain</u>	C/C	A & B									\$4,410,000	
		Upgrade pump station to firm capacity of 790 gpm. Upgrade mechanical, electrical, instrumentation, and and contols. Replace 9,500 LF forcemain along West Kingston Rd with 8-inch diameter.			Eng/Permitting	\$ -	\$ -	\$ -	\$ -	\$ 710,000	\$ -	\$ 710,000		
					Const/CM	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 1,700,000	\$ 3,700,000		
					Total	\$ -	\$ -	\$ -	\$ -	\$ 2,710,000	\$ 1,700,000	\$ 4,410,000		
		*Need updated condition analysis.												
Totals														
					\$ 49,750,000	\$ 51,954,000	\$ 41,300,000	\$ 38,100,000	\$ 12,858,000	\$ 11,260,000	\$ 205,222,000	\$ 223,202,000		

Summary: Costs and Revenues

Costs:							
Capacity Projects	\$ 49,600,000	\$ 51,954,000	\$ 41,300,000	\$ 38,100,000	\$ 12,858,000	\$ 9,510,000	\$ 203,322,000
Non-capacity Projects	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000	\$ 1,900,000
Total Project Costs	\$ 49,750,000	\$ 51,954,000	\$ 41,300,000	\$ 38,100,000	\$ 12,858,000	\$ 11,260,000	\$ 205,222,000

Revenues:							
Sewer Revenue Bonds	\$ 40,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000,000
DOE State Revolving Fund Loan	\$ 9,850,000	\$ 20,000,000	\$ 20,000,000	\$ -	\$ -	\$ -	\$ 49,850,000
DOE Puget Sound Nutrient Reduction Grant	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Department of Defense Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Works Trust Fund Loan	\$ 10,000,000	\$ 10,000,000	\$ -	\$ -	\$ 710,000	\$ 710,000	\$ 21,420,000
City of Poulsbo Proportionate Share	\$ 9,827,400	\$ 8,518,360	\$ 6,374,360	\$ 6,029,360	\$ -	\$ 350,000	\$ 31,099,480
USN Keyport Proportionate Share	\$ 1,272,348.00	\$ 1,157,369.40	\$ 1,051,769.40	\$ 994,917.00	\$ -	\$ 57,750.00	\$ 4,534,154
Money Needed to be taken from Sewer Fees/Construction Fund	\$ (21,299,748)	\$ 12,278,271	\$ 13,873,871	\$ 31,075,723	\$ 12,148,000	\$ 10,142,250	\$ 58,218,366

Balance	\$ 40,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue from current rates	\$ 29,007,818	\$ 29,007,818	\$ 29,007,818	\$ 29,007,818	\$ 29,007,818	\$ 29,007,818	
estimated operating Budget	\$ 18,798,196	\$ 19,362,142	\$ 20,330,249	\$ 21,346,761	\$ 22,414,099	\$ 23,534,804	
remainder	\$ 10,209,622	\$ 9,645,676	\$ 8,677,569	\$ 7,661,057	\$ 6,593,719	\$ 5,473,014	\$ 48,260,656

* The City of Poulsbo will pay a proportionate share of the cost of the following projects in accordance with the sewer service contract with Kitsap County
 CKTP Projects - 20%
 Lemolo Shores and Lemolo Siphon - 100.0%
 Pump Station 24 Emergency Upgrades - 61.8%

* The Keyport USN Base will pay a proportionate share of the cost the following projects in accordance with the sewer service contract with Kitsap County
 CKTP Projects - 3.33%
 Pump Station 24 Emergency Upgrades - 7.7%

** The estimated total project costs include costs prior to and after the 2025 to 2030 time frame.