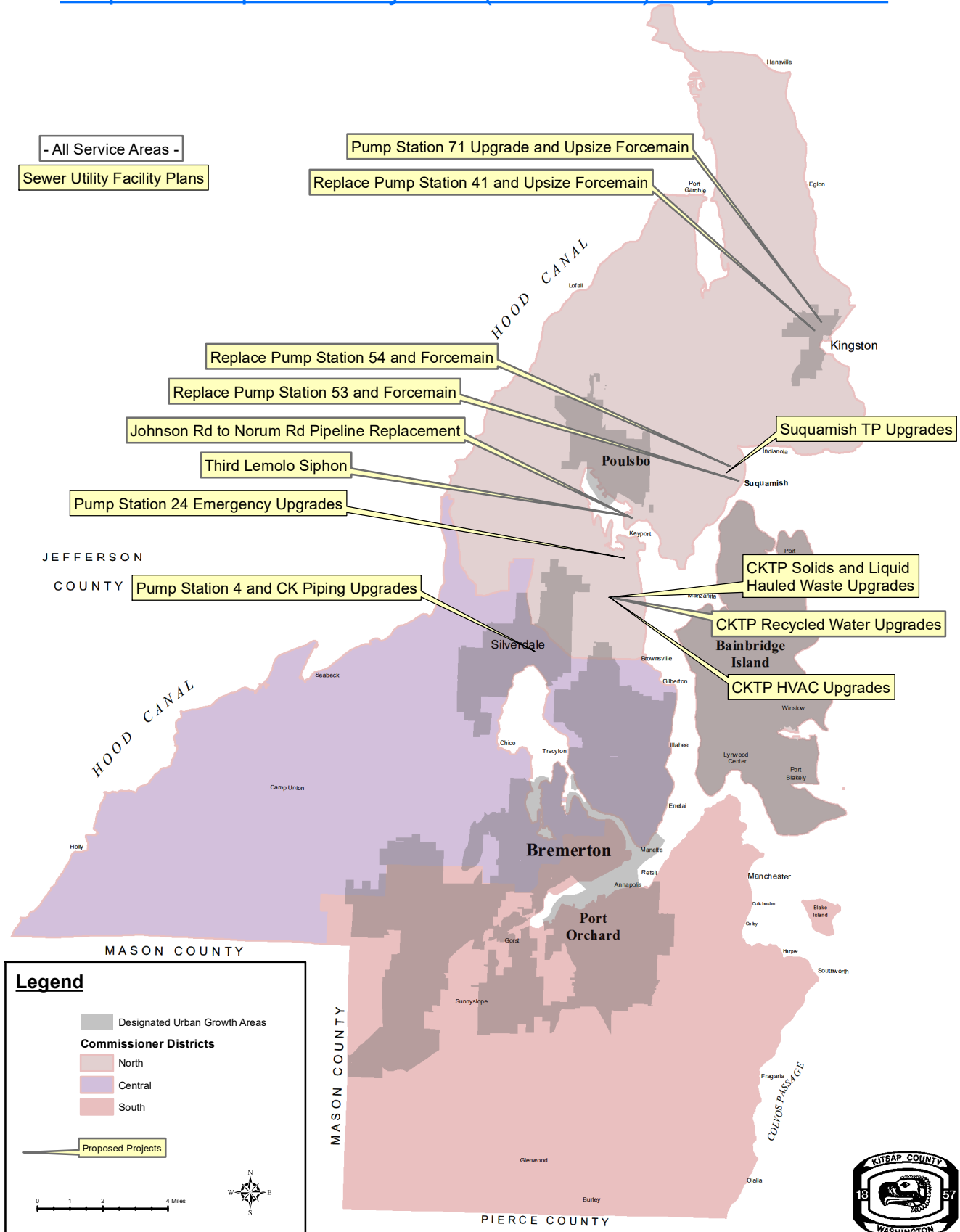


Kitsap County Sewer Utility Division

Proposed Capital Facility Plan (2025-2030) Project Locations



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

Project Type
T - Treatment
C/C - Collection and Conveyance

Project Purpose
A. Capacity
B. Outdated Infrastructure/Redundancy
C. Water Quality / Water Resource
D. Energy Efficiency
E. Planning

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

CFP #	Project #	Project Identification & Scope	Project Type	Project Purpose(s)	Project Phase	2025	2026	2027	2028	2029	2030	6-Year CFP Total	Estimated Total Project Cost left**
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	

CFP #	Project #	Project Identification & Scope	Project Type	Project Purpose(s)	Project Phase	2025	2026	2027	2028	2029	2030	6-Year CFP Total	Estimated Total Project Cost left**
4	NEW	<u>CKTP Recycled Water Upgrades</u> Complete CKTP facilities to produce recyceled water. Proportionate share from Poulsbo and Keyport USN *	T	C									\$ 2,000,000
					Eng/Permitting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	
					Const/CM	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000	
					Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000	\$ 1,750,000	
5	PR000744	<u>Sewer Utility Facility Plans</u> Update Sewer Utility 20-year facility plans for all four County sewer service areas. Updates include treatment and collection/conveyance recommendations. Proportionate share from Poulsbo and Keyport USN *	T&C/C	E									\$ 3,000,000
					Eng/Permitting	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	
					Const/CM	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Total	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	
6	PR000860	<u>Johnson Rd to Norum Rd Pipeline Replacement</u> The project is to replace the existing forcemain with a new upsized pipe for capacity and replace outdated material. Project includes 4,300 LF of 24-inch pipe. Poulsbo taking the lead on engineering design* Full cost provided by Poulsbo *	C/C	A & B									\$3,900,000
					Eng/Permitting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Const/CM	\$ 1,700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,700,000	
					Total	\$ 1,700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,700,000	

CFP #	Project #	Project Identification & Scope	Project Type	Project Purpose(s)	Project Phase	2025	2026	2027	2028	2029	2030	6-Year CFP Total	Estimated Total Project Cost left**
7	PR001014	<u>Pump Station 4 and CK Piping Upgrades</u> The project will increase capacity and upgrade pump station 4 including new wetwell, pumps, drives, motors, instrumentation controls, and generator. Replace 2,050 LF of forcemain and 640 LF of gravity piping in Old Town. Silverdale and adjacent to Pump Station 4.	C/C	A & B									\$12,164,000
					Eng/Permitting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Const/CM	\$ 5,525,000	\$ 5,525,000	\$ -	\$ -	\$ -	\$ -	\$ 11,050,000	
					Total	\$ 5,525,000	\$ 5,525,000	\$ -	\$ -	\$ -	\$ -	\$ 11,050,000	
8	PR001230	<u>Pump Station 24 Emergency Upgrades</u> Emergency upgrades to PS 24 in north CK due to criticality and excessive lead times for equipment to replace pumps, upgrade controls, and reconfigure piping and valves. Proportionate share from Poulsbo and Keyport USN *	C/C	B									\$6,000,000
					Eng/Permitting	\$ 1,000,000	\$ 1,100,000	\$ -	\$ -	\$ -	\$ -	\$ 2,100,000	
					Const/CM	\$ 3,100,000	\$ 2,100,000	\$ -	\$ -	\$ -	\$ -	\$ 5,200,000	
					Total	\$ 4,100,000	\$ 3,200,000	\$ -	\$ -	\$ -	\$ -	\$ 7,300,000	
9	NEW	<u>Replace Pump Station 53 and Forcemain</u> Replace pump station in Suquamish to increase firm capacity to approximately 1,200 gpm and replace 1,100 LF forcemain along McKinstry with 10-inch pipe. *Need updated condition analysis.	C/C	A & B									\$ 8,424,000
					Eng/Permitting	\$ -	\$ -	\$ -	\$ -	\$ 1,224,000	\$ -	\$ 1,224,000	
					Const/CM	\$ -	\$ -	\$ -	\$ -	\$ 3,600,000	\$ 3,600,000	\$ 7,200,000	
					Total	\$ -	\$ -	\$ -	\$ -	\$ 4,824,000	\$ 3,600,000	\$ 8,424,000	
10	NEW	<u>Replace Pump Station 54 and Forcemain</u> Replace pump station in Suquamish to increase firm capacity to approximately 1,200 gpm and replace 900 LF of forcemain with 10-inch diameter. *Need updated condition analysis.	C/C	A & B									\$ 8,114,000
					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	
11	NEW	<u>Replace Pump Station 41 and Upsize Forcemain</u> 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. *Need updated condition analysis.	C/C	A & B									\$ 3,700,000
					Eng/Permitting	\$ -	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	
					Const/CM	\$ -	\$ -	\$ -	\$ 3,100,000	\$ -	\$ -	\$ 3,100,000	
					Total	\$ -	\$ -	\$ 600,000	\$ 3,100,000	\$ -	\$ -	\$ 3,700,000	
12	New	<u>Third Lemolo Siphon</u> The project will construct a third siphon under Liberty Bay for capacity and redundancy. City of Poulsbo will conduct predesign and permitting effort. Proportionate share from Poulsbo *	C/C	A & B									\$10,000,000
					Eng/Permitting					\$ 710,000	\$ 710,000	\$ 1,420,000	
					Const/CM							\$ -	
					Total					\$ 710,000	\$ 710,000	\$ 1,420,000	

CFP #	Project #	Project Identification & Scope	Project Type	Project Purpose(s)	Project Phase	2025	2026	2027	2028	2029	2030	6-Year CFP Total	Estimated Total Project Cost left**
13	NEW	<u>Pump Station 71 Upgrade and Upsize Forcemain</u> 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. *Need updated condition analysis.	C/C	A & B									\$ 4,410,000
					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	
Totals						\$ 48,775,000	\$ 51,815,000.00	\$ 41,300,000	\$ 38,100,000	\$ 12,148,000	\$ 10,550,000	\$ 202,688,000	\$223,202,000

Summary: Costs and Revenues

Costs:								
Capacity Projects	\$ 48,625,000	\$ 51,815,000	\$ 41,300,000	\$ 38,100,000	\$ 12,148,000	\$ 8,800,000	\$ 200,788,000	
Non-capacity Projects	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000	\$ 1,900,000	
Total Project Costs	\$ 48,775,000	\$ 51,815,000	\$ 41,300,000	\$ 38,100,000	\$ 12,148,000	\$ 10,550,000	\$ 202,688,000	
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	\$ 13,038,200	\$ 8,518,360	\$ 6,374,360	\$ 6,029,360	\$ -	\$ 350,000	\$ 25,220,629	
USN Keyport Proportionate Share	\$ 1,272,348.00	\$ 1,157,369.40	\$ 1,051,769.40	\$ 994,917.00		\$ 57,750.00	\$ 2,766,477	
Sewer Fees/Construction Fund	\$ 14,514,452	\$ (27,860,729)	\$ 13,873,871	\$ 31,075,723	\$ 11,438,000	\$ 9,432,250	\$ 63,330,894	
Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

* The City of Poulsbo will pay a proportionate share of the cost of the following projects in accordance with the sewer service contact 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.