

Kitsap County Sewer Utility 6-Year Capital Facility Plan (CFP) 2026-2031

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	B.	Outdated Infrastructure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	2026	2027	2028	2029	2030	2031	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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					Const/CM	\$ 1,450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,450,000	
					Total	\$ 1,450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,450,000	
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	A & 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	

4	NEW	<u>CKTP Recycled Water Upgrades</u> Complete CKTP facilities to produce recycled water. Proportionate share from Poulsbo and Keyport USN *	T	C								\$2,000,000	
					Eng/Permitting	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -		\$ 250,000
					Const/CM	\$ -	\$ 1,750,000	\$ -	\$ -	\$ -	\$ -		\$ 1,750,000
					Total	\$ -	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -		\$ 2,000,000
5	New	<u>Pump Station 11</u> <ul style="list-style-type: none"> • Replace the lift station • Rehabilitate dry wet well can • Install new generator set • Install new electrical, instrumentation, and controls equipment under new canopy • Install new fencing *Need updated condition analysis.	T	B								\$1,150,000	
					Eng/Permitting	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ -		\$ 350,000
					Const/CM	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000		\$ 800,000
					Total	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 800,000		\$ 1,150,000
6	NEW	<u>Pump Station 36</u> <ul style="list-style-type: none"> • Replace the lift station • Increase capacity to 170 gpm • Construct new wet well to replace corroding steel wet 	C/C	A & B								\$2,500,000	
					Eng/Permitting	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -		\$ 500,000
					Const/CM	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000		\$ 2,000,000
					Total	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 2,000,000		\$ 2,500,000
7	NEW	<u>Pump Station 13</u> <ul style="list-style-type: none"> • Replace the lift station • Maintain capacity of 400 gpm • Construct new wet well • Construct new valve and meter vault 	C/C	B								\$2,500,001	
					Eng/Permitting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000		\$ 800,000
					Const/CM	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,200,000		\$ 3,200,000
					Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000		\$ 4,000,000
8	NEW	<u>Pump Station 12</u> <ul style="list-style-type: none"> • Replace the lift station • Construct new controls building Increase	C/C	A & B								\$8,600,000	
					Eng/Permitting	\$ -	\$ -	\$ -	\$ 200,000	\$ 800,000	\$ -		\$ 1,000,000
					Const/CM	\$ -	\$ -	\$ -	\$ -	\$ 7,600,000	\$ -		\$ 7,600,000
					Total	\$ -	\$ -	\$ -	\$ 200,000	\$ 8,400,000	\$ -		\$ 8,600,000
9	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
10	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

Summary: Costs and Revenues

Costs:							
Capacity Projects	\$ 35,800,000	\$ 43,000,000	\$ 41,300,000	\$ 38,300,000	\$ 21,758,000	\$ 11,510,000	\$ 191,668,000
Non-capacity Projects	\$ 5,550,000	\$ 5,200,000	\$ -	\$ -	\$ 350,000	\$ 4,800,000	\$ 15,900,000
Total Project Costs	\$ 41,350,000	\$ 48,200,000	\$ 41,300,000	\$ 38,300,000	\$ 22,108,000	\$ 16,310,000	\$ 207,568,000

Revenues:							
Sewer Revenue Bonds	\$ 50,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000,000
DOE State Revolving Fund Loan	\$ 9,850,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,850,000
DOE Puget Sound Nutrient Reduction Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Department of Defense Grant	\$ 20,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000,000
Public Works Trust Fund Loan	\$ 10,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000
City of Poulsbo Proportionate Share	\$ 9,823,800	\$ 9,777,600	\$ 7,400,000	\$ 7,000,000	\$ 710,000	\$ 710,000	\$ 35,421,400
USN Keyport Proportionate Share	\$ 1,518,550	\$ 1,533,400	\$ 1,221,000	\$ 1,155,000	\$ -	\$ -	\$ 5,427,950
Money Needed to be taken from Sewer Fees/Construction Fund	\$ (59,842,350)	\$ 36,889,000	\$ 32,679,000	\$ 30,145,000	\$ 21,398,000	\$ 15,600,000	\$ 76,868,650

Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue from Current Rates	\$ 29,228,364	\$ 30,762,853	\$ 32,377,903	\$ 34,077,743	\$ 35,866,824	\$ 37,749,833	
Estimated Operating Budget	\$ 19,362,142	\$ 20,330,249	\$ 21,346,762	\$ 22,414,100	\$ 23,534,805	\$ 24,711,545	
Remainder	\$ 9,866,222	\$ 10,432,604	\$ 11,031,141	\$ 11,663,643	\$ 12,332,020	\$ 13,038,288	\$ 68,363,918

* 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 Siphon - 100%
- Pump Station 24 Emergency Upgrades - 61.8%
- CKTP Recycled Water Upgrades - 20%

* 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%
- CKTP Recycled Water Upgrades - 3.33%

** The estimated total project costs include costs prior to and after the 2026 to 2031 time frame.