

# FINANCIAL PLAN FOR THE SANITARY SEWER FUND

Interfund Loan (2022) to Golf:  
\$200k --> \$700k  
Repayment over 4 years

NEW  
NEW  
NEW  
NEW

PROJECT	EXPENSES	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YRS	GRAND TOTAL
<b>Capital Projects:</b>										
1	Annual Sewer Infrastructure Replacement Program	\$ 2,873,500	\$ 55,000	\$ 790,500	\$ 67,500	\$ 892,500	\$ 72,500	\$ 995,500	\$ -	\$ 2,873,500
2	Oversizing Program	\$ 330,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ -	\$ 330,000
3	Regional Pump Station	\$ 1,065,000	\$ -	\$ 165,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ 1,065,000
4	Old Highway 99 Extension: 79th Avenue to 88th Avenue	\$ 210,000	\$ -	\$ -	\$ 210,000	\$ -	\$ -	\$ -	\$ 870,000	\$ 1,080,000
5	City Operations and Maintenance Facility Relocation	\$ 5,416,500	\$ -	\$ 2,411,500	\$ 2,525,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ -	\$ 5,416,500
6	Streamland Estates Lift Station	\$ 210,000	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 210,000
7	Lloyd Street Lift Station	\$ 260,000	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 260,000
8	Sewer Extension Program	\$ 2,030,000	\$ 35,000	\$ 75,000	\$ 885,000	\$ 75,000	\$ 885,000	\$ 75,000	\$ -	\$ 2,030,000
9	Comprehensive Plan Review/Update	\$ 325,000	\$ -	\$ 250,000	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 325,000
10	Enterprise Resource Planning Business System	\$ 173,333	\$ 173,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 173,333
11	I-5 Sanitary Sewer Main Crossings Report	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
12	Capitol Blvd and X St Sewer	\$ 330,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 310,000	\$ -	\$ -	\$ 330,000
13	Capitol Blvd, Trosper Rd, and Linda St Sewer Replacement	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
14	Resource Conservation & Sustainability	\$ 50,000	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
<b>TOTAL EXPENSES</b>		<b>12,993,333</b>	<b>788,333</b>	<b>3,747,000</b>	<b>4,817,500</b>	<b>1,182,500</b>	<b>1,172,500</b>	<b>1,285,500</b>	<b>870,000</b>	<b>13,863,333</b>
<b>SOURCES OF FUNDS:</b>										
General Governmental		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 7,302,541	\$ 717,916	\$ 2,103,125	\$ 1,324,625	\$ 909,875	\$ 1,259,875	\$ 987,125	\$ 87,000	\$ 7,389,541
Connections		\$ 4,535,792	\$ 805,417	\$ 1,808,875	\$ 1,127,875	\$ 272,625	\$ 222,625	\$ 298,375	\$ 783,000	\$ 5,318,792
Revenue Bonds/Debt		\$ 2,200,000	\$ -	\$ 2,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000
<b>TOTAL SOURCES</b>		<b>\$14,038,333</b>	<b>\$ 1,523,333</b>	<b>\$ 6,112,000</b>	<b>\$ 2,452,500</b>	<b>\$ 1,182,500</b>	<b>\$ 1,482,500</b>	<b>\$ 1,285,500</b>	<b>\$ 870,000</b>	<b>\$ 14,908,333</b>

## SIX YEAR FINANCIAL FORECAST

SEWER	2021	2022	2023	2024	2025	2026	2027		2022-2027
<b>REVENUES</b>									
Beginning Fund Balance	\$12,105,471	\$ 11,928,826	\$ 11,781,917	\$ 10,705,192	\$ 6,150,399	\$ 5,213,899	\$ 4,350,667		\$ 11,928,826
Charges for Service (Rates & Utility Tax)	\$ 2,805,183	\$ 2,983,930	\$ 3,134,693	\$ 3,293,073	\$ 3,459,456	\$ 3,634,245	\$ 3,817,865		\$ 20,323,261
Misc. revenues	\$ 173,549	\$ 176,152	\$ 2,378,795	\$ 181,476	\$ 184,199	\$ 186,962	\$ 189,766		\$ 3,297,349
<i>Operating Income (Sales + Misc.)</i>	<b>\$ 2,978,732</b>	<b>\$ 3,160,082</b>	<b>\$ 5,513,487</b>	<b>\$ 3,474,550</b>	<b>\$ 3,643,654</b>	<b>\$ 3,821,206</b>	<b>\$ 4,007,631</b>		<b>\$ 23,620,610</b>
LOTT (Pass Thru incl. CDC)	\$ 7,407,823	\$ 7,630,058	\$ 7,858,959	\$ 8,094,728	\$ 8,337,570	\$ 8,587,697	\$ 8,845,328		\$ 49,354,339
Interfund Payment (P&I) - Golf Course	\$ 185,000	\$ 185,000	\$ 30,732	\$ -	\$ -	\$ -	\$ -		\$ 215,732
Connection & Development Fees	\$ 650,500	\$ 571,276	\$ 513,863	\$ 452,787	\$ 387,887	\$ 398,748	\$ 409,913		\$ 2,734,473
<b>TOTAL REVENUES</b>	<b>\$11,222,055</b>	<b>\$ 23,475,241</b>	<b>\$ 25,698,958</b>	<b>\$ 22,727,256</b>	<b>\$ 18,519,510</b>	<b>\$ 18,021,550</b>	<b>\$ 17,613,539</b>		<b>\$ 87,853,980</b>
<b>EXPENDITURES</b>									
O & M (including Administration)	\$ 3,115,878	\$ 3,224,934	\$ 3,337,806	\$ 3,454,630	\$ 3,575,542	\$ 3,700,685	\$ 3,830,209		\$ 21,123,806
Debt Service	\$ -	\$ -	\$ -	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000		\$ 640,000
Capital	\$ 875,000	\$ 838,333	\$ 3,797,000	\$ 4,867,500	\$ 1,232,500	\$ 1,222,500	\$ 1,335,500		\$ 13,293,333
LOTT (Pass Thru incl. CDC)	\$ 7,407,823	\$ 7,630,058	\$ 7,858,959	\$ 8,094,728	\$ 8,337,570	\$ 8,587,697	\$ 8,845,328		\$ 49,354,339
<b>TOTAL EXPENSES</b>	<b>\$11,398,701</b>	<b>\$ 11,693,324</b>	<b>\$ 14,993,766</b>	<b>\$ 16,576,858</b>	<b>\$ 13,305,611</b>	<b>\$ 13,670,882</b>	<b>\$ 14,171,037</b>		<b>\$ 84,411,478</b>
<b>ENDING FUND BALANCE</b>	<b>\$11,928,826</b>	<b>\$ 11,781,917</b>	<b>\$ 10,705,192</b>	<b>\$ 6,150,399</b>	<b>\$ 5,213,899</b>	<b>\$ 4,350,667</b>	<b>\$ 3,442,502</b>		<b>\$ 3,442,502</b>
<i>UTILITY RESERVE POLICY (20% O&amp;M + Debt Service)</i>	\$ 623,176	\$ 644,987	\$ 667,561	\$ 722,926	\$ 747,108	\$ 772,137	\$ 798,042		
<i>Rate Increases</i>	4.8%	4.8%	3.5%	3.5%	3.5%	3.5%	3.5%		
<i>Connection Fee Increases</i>	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%		

# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources & Sustainability  
**PROJECT NO.**  
**NEW:** No  
**PRIOR:**

**SS-01**

**PROGRAM TITLE:** Annual Sewer Infrastructure Replacement Program

**PROGRAM DESCRIPTION:**

This project provides for the systematic rehabilitation of aging sanitary sewer lines in various areas of the City. The funding demonstrates an initial planning project to evaluate and define projects to be completed. A prioritized list of projects, using the data gathered from CCTV inspections of the sewer system, will be developed. The actual construction method will be based on the characteristics of the individual replacements.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: 2015 General Sewer Plan PAGE# 8-7 GROWTH: 25%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design	\$ -	\$ 271,500	\$ 55,000	\$ 25,500	\$ 67,500	\$ 25,500	\$ 72,500	\$ 25,500		\$ 271,500
Land & R-O-W										
Construction		\$ 2,602,000	\$ -	\$ 765,000		\$ 867,000		\$ 970,000		\$ 2,602,000
Equipment										
Other										
<b>TOTAL EXPENSES</b>	<b>\$ -</b>	<b>\$ 2,873,500</b>	<b>\$ 55,000</b>	<b>\$ 790,500</b>	<b>\$ 67,500</b>	<b>\$ 892,500</b>	<b>\$ 72,500</b>	<b>\$ 995,500</b>	<b>\$ -</b>	<b>\$ 2,873,500</b>
<b>Sources of Funds:</b>										
General Government								\$ -	\$ -	\$ -
Grants								\$ -	\$ -	\$ -
Operating Income	\$ -	\$ 2,155,125	\$ 41,250	\$ 592,875	\$ 50,625	\$ 669,375	\$ 54,375	\$ 746,625	\$ -	\$ 2,155,125
Connections	\$ -	\$ 718,375	\$ 13,750	\$ 197,625	\$ 16,875	\$ 223,125	\$ 18,125	\$ 248,875	\$ -	\$ 718,375
Revenue Bonds										
L.I.D.'s										
Other										
<b>TOTAL SOURCES</b>	<b>\$ -</b>	<b>\$ 2,873,500</b>	<b>\$ 55,000</b>	<b>\$ 790,500</b>	<b>\$ 67,500</b>	<b>\$ 892,500</b>	<b>\$ 72,500</b>	<b>\$ 995,500</b>	<b>\$ -</b>	<b>\$ 2,873,500</b>

# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources & Sustainability  
**PROJECT NO.**  
**NEW:** No  
**PRIOR:**

**SS-02**

**PROGRAM TITLE:** Oversizing Program

**PROGRAM DESCRIPTION:**

The City will participate in the funding for projects identified in the Sanitary Sewer Comprehensive Plan to the extent the sewers are constructed as "oversized" relative to the needs of the participating development. The oversizing costs shall be the incremental cost above the cost required to install an 8-inch line. Oversizing will only be funded for those projects where the diameter of pipe required is larger than the capacity needs of the development, exceeding 8-inches.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: 2015 General Sewer Plan PAGE# 8-1 GROWTH: 90%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design		\$ -								\$ -
Land & R-O-W		\$ -								\$ -
Construction		\$ 330,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000		\$ 330,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL EXPENSES</b>	<b>\$ -</b>	<b>\$ 330,000</b>	<b>\$ 55,000</b>	<b>\$ 55,000</b>	<b>\$ 55,000</b>	<b>\$ 55,000</b>	<b>\$ 55,000</b>	<b>\$ 55,000</b>	<b>\$ -</b>	<b>\$ 330,000</b>
<b>Sources of Funds:</b>										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 33,000	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ -	\$ 33,000
Connections		\$ 297,000	\$ 49,500	\$ 49,500	\$ 49,500	\$ 49,500	\$ 49,500	\$ 49,500	\$ -	\$ 297,000
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL SOURCES</b>	<b>\$ -</b>	<b>\$ 330,000</b>	<b>\$ 55,000</b>	<b>\$ 55,000</b>	<b>\$ 55,000</b>	<b>\$ 55,000</b>	<b>\$ 55,000</b>	<b>\$ 55,000</b>	<b>\$ -</b>	<b>\$ 330,000</b>

# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources & Sustainability  
**PROJECT NO.**  
**NEW:** No  
**PRIOR:**

**SS-03**

**PROGRAM TITLE:** Regional Pump Station

**PROGRAM DESCRIPTION:**

This project would fund the construction of a regional pump station in one of the growth areas of the City. City funding of the station would be to prevent the development of on-site community septic systems in areas of small developments where the construction of a regional station isn't financially feasible. Location and timing of the project would be determined based on development activity.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: 2015 General Sewer Plan PAGE# 8-1 GROWTH: 90%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design		\$ 165,000		\$ 165,000						\$ 165,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 900,000			\$ 900,000					\$ 900,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL EXPENSES</b>	<b>\$ -</b>	<b>\$ 1,065,000</b>	<b>\$ -</b>	<b>\$ 165,000</b>	<b>\$ 900,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,065,000</b>
<b>Sources of Funds:</b>										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 106,500	\$ -	\$ 16,500	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 106,500
Connections		\$ 958,500	\$ -	\$ 148,500	\$ 810,000	\$ -	\$ -	\$ -	\$ -	\$ 958,500
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL SOURCES</b>	<b>\$ -</b>	<b>\$ 1,065,000</b>	<b>\$ -</b>	<b>\$ 165,000</b>	<b>\$ 900,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,065,000</b>

# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources & Sustainability  
**PROJECT NO.**  
**NEW:** No  
**PRIOR:**

**SS-04**

**PROGRAM TITLE:** Old Highway 99 Extension: 79th Avenue to 88th Avenue

## PROGRAM DESCRIPTION:

This project would fund the construction of the sewer infrastructure to serve the southeast area of the City. Timing of the project is dependent on development activity. The first phase shown in this CFP extends watermain through the limits of the Old Hwy 99 and 79th Ave Roundabout project.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: 2015 General Sewer Plan PAGE# 6-24 GROWTH: 90%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design		\$ 15,000	\$ 15,000		\$ -	\$ -			\$ 70,000	\$ 85,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 210,000			\$ 210,000				\$ 800,000	\$ 1,010,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL EXPENSES</b>	<b>\$ -</b>	<b>\$ 225,000</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ 210,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 870,000</b>	<b>\$ 1,095,000</b>
<b>Sources of Funds:</b>										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 22,500	\$ 1,500	\$ -	\$ 21,000	\$ -	\$ -	\$ -	\$ 87,000	\$ 109,500
Connections		\$ 202,500	\$ 13,500	\$ -	\$ 189,000	\$ -	\$ -	\$ -	\$ 783,000	\$ 985,500
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL SOURCES</b>	<b>\$ -</b>	<b>\$ 225,000</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ 210,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 870,000</b>	<b>\$ 1,095,000</b>

# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources & Sustainability  
**PROJECT NO.** 2016025  
**NEW:** No  
**PRIOR:**

**SS-05**

**PROGRAM TITLE:** City Operations and Maintenance Facility Relocation

## PROGRAM DESCRIPTION:

This project includes the demolition, master planning, design and construction for a new Public Works and Facilities Divisions Operations and Maintenance Facility at the City's Trails End Drive property. Site costs are distributed 34% General Fund, 33% Water, 17% Sewer, and 17% Storm. Offsite mitigation costs are distributed 50% General Fund and Transportation CFP, 24% Water, 13% Sewer, and 13% Storm. Construction will use debt financing either revenue bond or PWTF loan. Debt payments are included.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: City Hall Campus Master Plan PAGE# GROWTH: 50%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design	\$ 19,422	\$ 300,000	\$ 300,000							\$ 319,422
Land & R-O-W	\$ 160,894	\$ -								\$ 160,894
Construction	\$ 73,512	\$ 4,730,000		\$ 2,365,000	\$ 2,365,000					\$ 4,803,512
Equipment		\$ -								\$ -
Other (incl. 1% for Arts)		\$ 686,500		\$ 46,500	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000		\$ 686,500
<b>TOTAL EXPENSES</b>	<b>\$ 253,827</b>	<b>\$ 5,716,500</b>	<b>\$ 300,000</b>	<b>\$ 2,411,500</b>	<b>\$ 2,525,000</b>	<b>\$ 160,000</b>	<b>\$ 160,000</b>	<b>\$ 160,000</b>	<b>\$ -</b>	<b>\$ 5,970,327</b>
<b>Sources of Funds:</b>										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 126,914	\$ 2,078,250	\$ 150,000	\$ 1,288,250	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000		\$ 2,205,164
Connections	\$ 126,914	\$ 1,438,250	\$ 150,000	\$ 1,288,250						\$ 1,565,164
Revenue Bonds		\$ 2,200,000		\$ 2,200,000						\$ 2,200,000
Other		\$ -								\$ -
<b>TOTAL SOURCES</b>	<b>\$ 253,827</b>	<b>\$ 5,716,500</b>	<b>\$ 300,000</b>	<b>\$ 4,776,500</b>	<b>\$ 160,000</b>	<b>\$ 160,000</b>	<b>\$ 160,000</b>	<b>\$ 160,000</b>	<b>\$ -</b>	<b>\$ 5,970,327</b>

# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources & Sustainability  
**PROJECT NO.**  
**NEW:** No  
**PRIOR:**

**SS-06**

**PROGRAM TITLE:** Streamland Estates Lift Station

**PROGRAM DESCRIPTION:**

Project will upgrade the Streamland Estates lift station to account for modeled deficiencies to accommodate growth in the system. The existing system has an oversized wet well; upgrades include new pumps, valves piping, and associated equipment.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: 2015 General Sewer Plan PAGE# 8-7 GROWTH: 60%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design	\$ 35,000	\$ -	\$ -			\$ -				\$ 35,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 210,000	\$ 210,000				\$ -			\$ 210,000
Equipment		\$ -								\$ -
Other		\$ -					\$ -	\$ -	\$ -	\$ -
<b>TOTAL EXPENSES</b>	<b>\$ 35,000</b>	<b>\$ 210,000</b>	<b>\$ 210,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 245,000</b>
<b>Sources of Funds:</b>										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 14,000	\$ 84,000	\$ 84,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 98,000
Connections	\$ 21,000	\$ 126,000	\$ 126,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 147,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL SOURCES</b>	<b>\$ 35,000</b>	<b>\$ 210,000</b>	<b>\$ 210,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 245,000</b>

# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources & Sustainability  
**PROJECT NO.**  
**NEW:** No  
**PRIOR:**

**SS-07**

**PROGRAM TITLE:** Lloyd Street Lift Station

## PROGRAM DESCRIPTION:

Project will upgrade the Lloyd Street lift station to account for modeled deficiencies to accommodate growth in the system. Upgrades include wet well oversizing, new pumps, valves piping, and associated equipment.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 General Sewer Plan PAGE# 8-7 GROWTH: 80%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design	\$ 45,000	\$ -								\$ 45,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 260,000	\$ 260,000							\$ 260,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL EXPENSES</b>	<b>\$ 45,000</b>	<b>\$ 260,000</b>	<b>\$ 260,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 305,000</b>
<b>Sources of Funds:</b>										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 9,000	\$ 52,000	\$ 52,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61,000
Connections	\$ 36,000	\$ 208,000	\$ 208,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 244,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL SOURCES</b>	<b>\$ 45,000</b>	<b>\$ 260,000</b>	<b>\$ 260,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 305,000</b>



# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources & Sustainability  
**PROJECT NO.**  
**NEW:** No  
**PRIOR:**

**SS-08**

**PROGRAM TITLE:** Sewer Extension Program

**PROGRAM DESCRIPTION:**

Project provides funding for extension of sewer mains to neighborhoods to facilitate onsite system conversions to sanitary sewer for protection of drinking water, public and environmental health. Project prioritization results from City evaluation and planning processes. This program is currently under consideration and has not been fully defined. Projects are shown annually, but may be combined for efficiency and workload.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 General Sewer Plan PAGE# 8-2 GROWTH: 0%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design		\$ 330,000	\$ 35,000	\$ 75,000	\$ 35,000	\$ 75,000	\$ 35,000	\$ 75,000		\$ 330,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 1,700,000			\$ 850,000		\$ 850,000			\$ 1,700,000
Equipment		\$ -								\$ -
Other		\$ -					\$ -	\$ -	\$ -	\$ -
<b>TOTAL EXPENSES</b>	<b>\$ -</b>	<b>\$ 2,030,000</b>	<b>\$ 35,000</b>	<b>\$ 75,000</b>	<b>\$ 885,000</b>	<b>\$ 75,000</b>	<b>\$ 885,000</b>	<b>\$ 75,000</b>	<b>\$ -</b>	<b>\$ 2,030,000</b>
<b>Sources of Funds:</b>										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 2,030,000	\$ 35,000	\$ 75,000	\$ 885,000	\$ 75,000	\$ 885,000	\$ 75,000	\$ -	\$ 2,030,000
Connections	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL SOURCES</b>	<b>\$ -</b>	<b>\$ 2,030,000</b>	<b>\$ 35,000</b>	<b>\$ 75,000</b>	<b>\$ 885,000</b>	<b>\$ 75,000</b>	<b>\$ 885,000</b>	<b>\$ 75,000</b>	<b>\$ -</b>	<b>\$ 2,030,000</b>

# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources & Sustainability  
**PROJECT NO.**  
**NEW:** No  
**PRIOR:**

**SS-09**

**PROGRAM TITLE:** Comprehensive Plan Review/Update

## PROGRAM DESCRIPTION:

Review the existing Sanitary Sewer Comp Plan (last completed in 2015) and update it to reflect current development trends within the service area and incorporate current LOTT plans. Would look at possible satellite treatment locations and joint use pipelines. A focus would be placed on developing CFP projects to make sewers available to areas where development is expected.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: WAC 173-240 PAGE# GROWTH: 50%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design		\$ 325,000		\$ 250,000	\$ 75,000	\$ -			\$ -	\$ 325,000
Land & R-O-W		\$ -							\$ -	\$ -
Construction		\$ -							\$ -	\$ -
Equipment		\$ -							\$ -	\$ -
Other		\$ -							\$ -	\$ -
<b>TOTAL EXPENSES</b>	<b>\$ -</b>	<b>\$ 325,000</b>	<b>\$ -</b>	<b>\$ 250,000</b>	<b>\$ 75,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 325,000</b>
<b>Sources of Funds:</b>										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 162,500	\$ -	\$ 125,000	\$ 37,500	\$ -	\$ -	\$ -	\$ -	\$ 162,500
Connections	\$ -	\$ 162,500	\$ -	\$ 125,000	\$ 37,500	\$ -	\$ -	\$ -	\$ -	\$ 162,500
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL SOURCES</b>	<b>\$ -</b>	<b>\$ 325,000</b>	<b>\$ -</b>	<b>\$ 250,000</b>	<b>\$ 75,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 325,000</b>

# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources & Sustainability  
**PROJECT NO.**  
**NEW:** No  
**PRIOR:**

**SS-10**

**PROGRAM TITLE:** Enterprise Resource Planning Business System

**PROGRAM DESCRIPTION:**

Assessment and Analysis of current ERP System (Tyler Eden) replacement. The cost of a new ERP system could be as low as \$700,000 and as high as \$3 million. We are including a \$2 million cost as a best early estimate. The City currently uses Tyler Technology's Eden program. Tyler no longer writes upgrades specific to Eden. Instead it writes generic upgrades which then need to be customized for Eden, one of several of Tyler software systems. Eden also has not provided the Web-based accessibility that we would wish for. The cost will be split approx. 50% General Fund and 50% between the Water, Sewer and Storm Utilities. The General Fund portion is shown being debt financed internally.

IS PROJECT RECOMMENDED BY PLAN/POLICY? PLAN: PAGE# GROWTH: 20%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (Debt Service)	\$ 166,667	\$ 173,333	\$ 173,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 340,000
<b>TOTAL EXPENSES</b>	<b>\$ 166,667</b>	<b>\$ 173,333</b>	<b>\$ 173,333</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 340,000</b>
<b>Sources of Funds:</b>										
General Government		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grants		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Income	\$ 133,334	\$ 138,666	\$ 138,666	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 272,000
Connections	\$ 33,333	\$ 34,667	\$ 34,667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 68,000
Revenue Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL SOURCES</b>	<b>\$ 166,667</b>	<b>\$ 173,333</b>	<b>\$ 173,333</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 340,000</b>

# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources & Sustainability  
**PROJECT NO.**  
**NEW:** Yes  
**PRIOR:**

**SS-11**

**PROGRAM TITLE:** I-5 Sanitary Sewer Main Crossings Report

**PROGRAM DESCRIPTION:**

This project provides for the evaluation of aging sanitary sewer main crossings under the I-5 corridor and completion of an alternatives analysis report to consider redirection of sewer flows and elimination of crossings under the interstate highway which hinders and complicates routine maintenance. Known crossings include 2nd Avenue at Desoto Street, 2nd Avenue at E Street, 2nd Avenue between 3rd and H Streets and 2nd Avenue at Little Street.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 General Sewer Plan PAGE# 8-6 GROWTH: 25%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000					\$ 100,000
Land & R-O-W	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (Debt Service)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL EXPENSES</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>
<b>Sources of Funds:</b>										
General Government	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Income	\$ -	\$ 75,000	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000
Connections	\$ -	\$ 25,000	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Revenue Bonds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL SOURCES</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>

# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources and Sustainability  
**PROJECT NO.**  
**NEW:** Yes  
**PRIOR:**

**SS-12**

**PROGRAM TITLE:** Capitol Blvd and X St Sewer

**PROGRAM DESCRIPTION:**

Replace aging concrete sewer on Capitol Blvd and X St in conjunction with the Capitol Blvd and X St Roundabout transportation improvement project.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 General Sewer Plan PAGE# 8-7 GROWTH: 50%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design		\$ 20,000	\$ 20,000							\$ 20,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 310,000					\$ 310,000			\$ 310,000
Equipment		\$ -								\$ -
Other		\$ -					\$ -	\$ -	\$ -	\$ -
<b>TOTAL EXPENSES</b>	<b>\$ -</b>	<b>\$ 330,000</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 310,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 330,000</b>
<b>Sources of Funds:</b>										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 165,000	\$ 10,000	\$ -	\$ -	\$ -	\$ 155,000	\$ -	\$ -	\$ 165,000
Connections	\$ -	\$ 165,000	\$ 10,000	\$ -	\$ -	\$ -	\$ 155,000	\$ -	\$ -	\$ 165,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL SOURCES</b>	<b>\$ -</b>	<b>\$ 330,000</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 310,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 330,000</b>

# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources and Sustainability  
**PROJECT NO.**  
**NEW:** Yes  
**PRIOR:**

**SS-13**

**PROGRAM TITLE:** Capitol Blvd, Trosper Rd, and Linda St Sewer Replacement

**PROGRAM DESCRIPTION:**

Replace aging concrete sewer on Capitol Blvd, Trosper Rd, and Linda St in conjunction with the Capitol/Trosper/I-5 transportation improvement project.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 General Sewer Plan PAGE# 8-7 GROWTH: 50%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design	\$ 20,000	\$ -								\$ 20,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 400,000	\$ 400,000							\$ 400,000
Equipment		\$ -								\$ -
Other		\$ -					\$ -	\$ -	\$ -	\$ -
<b>TOTAL EXPENSES</b>	<b>\$ 20,000</b>	<b>\$ 400,000</b>	<b>\$ 400,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 420,000</b>
<b>Sources of Funds:</b>										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 10,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 210,000
Connections	\$ 10,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 210,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL SOURCES</b>	<b>\$ 20,000</b>	<b>\$ 400,000</b>	<b>\$ 400,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 420,000</b>

# CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

**CONTACT:** Dan Smith  
**FUND:** Sanitary Sewer  
**DEPT:** Water Resources and Sustainability  
**PROJECT NO.**  
**NEW:** Yes  
**PRIOR:**

**SS-14**

**PROGRAM TITLE:** Resource Conservation & Sustainability

## PROGRAM DESCRIPTION:

Set aside funds to support the implementation of City Green Team initiatives and recommendations identified in the Regional Climate Action Plan.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 General Sewer Plan PAGE# 8-7 GROWTH: 50%

## FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
<b>Capital Costs:</b>										
Planning & Design		\$ 50,000	\$ 25,000	\$ 25,000						\$ 50,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -					\$ -	\$ -	\$ -	\$ -
<b>TOTAL EXPENSES</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>
<b>Sources of Funds:</b>										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 25,000	\$ 12,500	\$ 12,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Connections	\$ -	\$ 25,000	\$ 12,500	\$ 12,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
<b>TOTAL SOURCES</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>