

FINANCIAL PLAN FOR THE WATER FUND

NEW
NEW

PROJECT	PROJECT NAME	DEPT	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YRS	GRAND TOTAL
1	Water Rights Acquisition	WRS	\$ 1,225,000	\$ 1,000,000	\$ 25,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 1,225,000
2	Brewery Wellfield - Water Production Infrastructure	WRS	\$ 12,900,000	\$ 2,775,000	\$ 7,625,000	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ 14,230,000
3	Brewery Wellfield - Abandon Existing Wells	WRS	\$ 2,100,000	\$ -	\$ 850,000	\$ 1,250,000	\$ -	\$ -	\$ -	\$ -	\$ 2,100,000
4	Emerging Projects / Oversizing	WRS	\$ 400,000	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 400,000
5	Water Main Replacement and Extension Program	TED	\$ 1,865,000	\$ -	\$ 105,000	\$ 775,000	\$ 105,000	\$ 775,000	\$ 105,000	\$ -	\$ 1,865,000
6	Well 15 Improvements	WRS	\$ 1,480,000	\$ 1,480,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,480,000
7	Public Works Facility (2025 Update)	TED	\$ 13,196,200	\$ 863,847	\$ 8,822,357	\$ 3,509,996	\$ -	\$ -	\$ -	\$ -	\$ 14,060,800
8	Southeast Reservoir & System Extension	TED	\$ 18,200,000	\$ 200,000	\$ 18,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,700,000
9	Enterprise Resource Planning Business System	FIN	\$ 193,333	\$ 96,667	\$ 96,667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 531,675
10	Water Comprehensive Plan Update	WRS	\$ 350,000	\$ -	\$ -	\$ -	\$ 100,000	\$ 150,000	\$ 100,000	\$ -	\$ 350,000
11	Capitol Blvd and X St Watermain	TED	\$ 600,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000
12	Seismic Resilience	WRS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
13	Bush Wellfield Deep Monitoring Wells	WRS	\$ 115,000	\$ 15,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 115,000
14	454 Zone Booster Pump Station Improvement	WRS	\$ 1,200,000	\$ -	\$ 200,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000
TOTAL CAPITAL PROJECT EXPENSES			\$ 53,824,533	\$ 7,180,514	\$ 35,874,024	\$ 9,134,996	\$ 305,000	\$ 1,025,000	\$ 305,000	\$ 100,000	\$ 58,057,475
SOURCE OF FUNDS:			General Government	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
			Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
			Operating Income	\$ 5,645,100	\$ 2,074,000	\$ 905,550	\$ 1,501,550	\$ 174,500	\$ 815,000	\$ 174,500	\$ 75,000
			Connections	\$ 5,864,433	\$ 2,352,667	\$ 1,319,217	\$ 1,721,550	\$ 130,500	\$ 210,000	\$ 130,500	\$ 25,000
			Revenue Bonds / Loan	\$ 41,000,000	\$ 11,000,000	\$ 30,000,000	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL SOURCES			\$ 52,509,533	\$ 15,426,667	\$ 32,224,767	\$ 3,223,100	\$ 305,000	\$ 1,025,000	\$ 305,000	\$ 100,000	\$ 52,609,533

SIX YEAR FINANCIAL FORECAST

WATER FUND			2025	2026	2027	2028	2029	2030	2031		2025-2031
	BEGINNING FUND BALANCE		\$ 9,499,698	\$ 9,755,071	\$ 15,179,170	\$ 10,767,999	\$ 1,552,182	\$ 1,691,490	\$ 1,450,344		\$ 9,755,071
	OPERATING INCOME	Charges for Services (Rates & Utility Tax)	\$ 6,663,798	\$ 7,383,488	\$ 8,121,837	\$ 8,909,656	\$ 9,666,976	\$ 10,246,995	\$ 10,708,110		\$ 55,037,062
		Misc. Revenues	\$ 115,000	\$ 116,725	\$ 118,476	\$ 120,253	\$ 122,057	\$ 123,888	\$ 125,746		\$ 727,144
	OPERATING INCOME SUBTOTAL		\$ 6,778,798	\$ 7,500,213	\$ 8,240,313	\$ 9,029,909	\$ 9,789,033	\$ 10,370,882	\$ 10,833,856		\$ 55,764,206
	MISC REVENUE(S)	Connection Charges	\$ 605,701	\$ 965,545	\$ 1,004,167	\$ 774,917	\$ 798,165	\$ 822,110	\$ 854,994		\$ 5,219,898
		DEBT Proceeds (Bonds , Loans, Etc.)	\$ -	\$ 11,000,000	\$ 30,000,000	\$ -	\$ -	\$ -	\$ -		\$ 41,000,000
	TOTAL REVENUES		\$ 16,884,197	\$ 29,220,829	\$ 54,423,649	\$ 20,572,825	\$ 12,139,380	\$ 12,884,482	\$ 13,139,194		\$ 111,739,175
	EXPENDITURES	O & M (including Administration)	\$ 6,629,126	\$ 6,861,146	\$ 7,101,286	\$ 7,349,831	\$ 7,607,075	\$ 7,873,323	\$ 8,148,889		\$ 44,941,549
		Debt Service	\$ -	\$ -	\$ 680,341	\$ 2,535,816	\$ 2,535,816	\$ 2,535,816	\$ 2,535,816		\$ 10,823,604
		Capital	\$ 500,000	\$ 7,180,514	\$ 35,874,024	\$ 9,134,996	\$ 305,000	\$ 1,025,000	\$ 305,000		\$ 53,824,533
	TOTAL EXPENSES		\$ 7,129,126	\$ 14,041,660	\$ 43,655,650	\$ 19,020,643	\$ 10,447,891	\$ 11,434,138	\$ 10,989,705		\$ 109,589,686
	ENDING FUND BALANCE		\$ 9,755,071	\$ 15,179,170	\$ 10,767,999	\$ 1,552,182	\$ 1,691,490	\$ 1,450,344	\$ 2,149,489		\$ 2,149,489
	UTILITY RESERVE POLICY (20% O&M + Debt Service)		\$ 1,325,825	\$ 1,372,229	\$ 1,556,325	\$ 1,977,129	\$ 2,028,578	\$ 2,081,828	\$ 2,136,941		
	Proposed Rate Increase		6.0%	9.3%	8.5%	8.2%	7.0%	4.5%	3.0%		
	Proposed Connection Fee Increase		8.5%	5.0%	4.0%	3.0%	3.0%	3.0%	4.0%		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR: WA-03

WA-1

PROGRAM TITLE: Water Rights Acquisition

PROGRAM DESCRIPTION:

This project reserves funding for the purchase and processing of existing water rights, as opportunities become available, to support system growth demands. While the timing of acquisitions is opportunity-dependent, larger reserves are allocated for earlier years to support known opportunities.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water System Plan PAGE# S-3 GROWTH: 100%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W		\$ 1,225,000	\$ 1,000,000	\$ 25,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 1,225,000
Construction		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL EXPENSES	\$ -	\$ 1,225,000	\$ 1,000,000	\$ 25,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 1,225,000
Sources of Funds:										
General Government		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grants		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Income		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Connections		\$ 1,225,000	\$ 1,000,000	\$ 25,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 1,225,000
Revenue Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL SOURCES	\$ -	\$ 1,225,000	\$ 1,000,000	\$ 25,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 1,225,000
Debt Service:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO. 2017031
NEW: No
PRIOR: WA-05

WA-2

PROGRAM TITLE: Brewery Wellfield - Water Production Infrastructure

PROGRAM DESCRIPTION:

This project provides funding for the development of water production infrastructure necessary to put to beneficial use the water rights acquired from the former Brewery. Wells are expected to be drilled and tested beginning late 2025 through 2026. The treatment plant is anticipated to be designed and permitted in 2026 with construction completing in 2028.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water System Plan PAGE# S-5 GROWTH: 80%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 580,000	\$ 400,000	\$ 275,000	\$ 125,000						\$ 980,000
Land & R-O-W		\$ -								\$ -
Construction	\$ 750,000	\$ 12,500,000	\$ 2,500,000	\$ 7,500,000	\$ 2,500,000					\$ 13,250,000
Equipment		\$ -								\$ -
Other (Debt Service)		\$ -								\$ -
TOTAL EXPENSES	\$ 1,330,000	\$ 12,900,000	\$ 2,775,000	\$ 7,625,000	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ 14,230,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 266,000	\$ 180,000	\$ 180,000	\$ -						\$ 446,000
Connections	\$ 1,064,000	\$ 720,000	\$ 720,000	\$ -						\$ 1,784,000
Revenue Bonds		\$ 12,000,000		\$ 12,000,000						\$ 12,000,000
Other		\$ -								\$ -
TOTAL SOURCES	\$ 1,330,000	\$ 12,900,000	\$ 900,000	\$ 12,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,230,000
		Debt Service:	\$ -	\$ -	\$ 742,190	\$ 742,190	\$ 742,190	\$ 742,190		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR: WA-07

WA-3

PROGRAM TITLE: Brewery Wellfield - Abandon Existing Wells

PROGRAM DESCRIPTION:

This project assumes that new wells will be developed as part of the Brewery Wellfield and the ~31 existing defunct wells will be decommissioned. The costs shown are 2/3 of the total cost, reflecting the ownership share with the City of Olympia (1/3 owner).

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water System Plan PAGE# S-7 GROWTH: 80%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 150,000		\$ 100,000	\$ 50,000					\$ 150,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 1,950,000		\$ 750,000	\$ 1,200,000					\$ 1,950,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 2,100,000	\$ -	\$ 850,000	\$ 1,250,000	\$ -	\$ -	\$ -	\$ -	\$ 2,100,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 420,000		\$ 170,000	\$ 250,000					\$ 420,000
Connections		\$ 1,680,000		\$ 680,000	\$ 1,000,000					\$ 1,680,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 2,100,000	\$ -	\$ 850,000	\$ 1,250,000	\$ -	\$ -	\$ -	\$ -	\$ 2,100,000
Debt Service:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.:
NEW: No
PRIOR: WA-04

WA-4

PROGRAM TITLE: Emerging Projects / Oversizing

PROGRAM DESCRIPTION:

This funding will be utilized to react to development projects by providing funds for such items as completing "loops" to increase flows, system redundancy, and oversizing costs. Could also be used to fund water line improvements and replacements within City street projects in order to avoid road cuts following road resurfacing.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water System Plan PAGE# D-1 GROWTH: 90%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Land & R-O-W		\$ -								\$ -
Construction		\$ 400,000	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000		\$ 400,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 400,000	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 400,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 40,000	\$ 15,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	\$ 40,000
Connections		\$ 360,000	\$ 135,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ -	\$ 360,000
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 400,000	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 400,000
Debt Service:					\$ -	\$ -	\$ -	\$ -		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR: WA-10

WA-5

PROGRAM TITLE: Water Main Replacement and Extension Program

PROGRAM DESCRIPTION:

This program aims to replace aging water mains and associated infrastructure in the system, including main replacements on roadways in coordination with other utility, road, or development projects that may not have been previously identified as specific replacement projects. Projects may be combined for efficiency and staffing workload, and not necessarily completed on an annual basis. Projects funded by this program shall be tracked for compliance with WA Department of Health requirements and integrated into the City's comprehensive plan updates.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water System Plan PAGE# D-2 GROWTH: 10%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 395,000		\$ 65,000	\$ 100,000	\$ 65,000	\$ 100,000	\$ 65,000		\$ 395,000
Land & R-O-W		\$ 170,000		\$ 40,000	\$ 25,000	\$ 40,000	\$ 25,000	\$ 40,000		\$ 170,000
Construction		\$ 1,300,000			\$ 650,000		\$ 650,000			\$ 1,300,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 1,865,000	\$ -	\$ 105,000	\$ 775,000	\$ 105,000	\$ 775,000	\$ 105,000	\$ -	\$ 1,865,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 1,678,500		\$ 94,500	\$ 697,500	\$ 94,500	\$ 697,500	\$ 94,500		\$ 1,678,500
Connections		\$ 186,500		\$ 10,500	\$ 77,500	\$ 10,500	\$ 77,500	\$ 10,500		\$ 186,500
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 1,865,000	\$ -	\$ 105,000	\$ 775,000	\$ 105,000	\$ 775,000	\$ 105,000	\$ -	\$ 1,865,000
Debt Service:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: NO
PRIOR:

WA-6

PROGRAM TITLE: Well 15 Improvements

PROGRAM DESCRIPTION:

Well #15 is the City's second largest producer, sited on property owned by the Port of Olympia through a perpetual easement. Infrastructure supporting, surrounding, and securing Well 15 is significantly below City standards for production sites. Recent corrosion control evaluations resulted in Well 15 being required by the Washington Department of Health (DOH) to increase corrosion control treatment by August 2026. Aeration treatment will raise the pH to 7.8 to 8.0 for water quality optimization. This project will also enhance site security and auxillary power, update infrastructure to current standard.

*Referenced by: 2020 Water System Plan / 2021 Homeland Security Assessment / 2023 Corrosion Control Memo / DOH Approval Letter

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: Multiple* PAGE# GROWTH: 10%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 230,000	\$ 230,000							\$ 230,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 800,000	\$ 800,000							\$ 800,000
Equipment		\$ 450,000	\$ 450,000							\$ 450,000
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 1,480,000	\$ 1,480,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,480,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 1,332,000	\$ 1,332,000							\$ 1,332,000
Connections		\$ 148,000	\$ 148,000							\$ 148,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 1,480,000	\$ 1,480,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,480,000
Debt Service:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: NO
PRIOR:

WA-7

PROGRAM TITLE: Public Works Facility (2025 Update)

PROGRAM DESCRIPTION:

Construction of a new Public Works Facility at the City's Trails End Drive property. The new facility will house the Transportation and Engineering and Water Resources and Sustainability departments. The relocation of these departments will partially offset City Hall space constraints and allow for future implementation of the Tumwater Civic Center Master Plan. Site costs are distributed approximately 33% General Fund, 28% Water, 22% Sewer, and 17% Storm. Offsite mitigation costs are distributed 50% Transportation CFP, 19% Water, 18% Sewer, and 13% Storm. Cost distribution is based on allocation of resources. Construction is presumed to be financed over 20 years, debt service to be included in the budget. Expenses and sources shown below are for Water only.

Growth: 50%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 660,000	\$ 180,000	\$ 180,000							\$ 840,000
Land & R-O-W	\$ 204,600	\$ (31,000)	\$ (31,000)							\$ 173,600
Construction		\$ 11,620,000	\$ 581,000	\$ 8,134,000	\$ 2,905,000					\$ 11,620,000
Equipment		\$ 420,000			\$ 420,000					\$ 420,000
Other (Arts & Mitigation)		\$ 1,007,200	\$ 133,847	\$ 688,357	\$ 184,996					\$ 1,007,200
TOTAL EXPENSES	\$ 864,600	\$ 13,196,200	\$ 863,847	\$ 8,822,357	\$ 3,509,996	\$ -	\$ -	\$ -	\$ -	\$ 14,060,800
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 432,300	\$ 1,098,100		\$ 549,050	\$ 549,050					\$ 1,530,400
Connections	\$ 432,300	\$ 1,098,100		\$ 549,050	\$ 549,050					\$ 1,530,400
Revenue Bonds		\$ 11,000,000	\$ 11,000,000							\$ 11,000,000
L.I.D.'s		\$ -								\$ -
TOTAL SOURCES	\$ 864,600	\$ 13,196,200	\$ 11,000,000	\$ 1,098,100	\$ 1,098,100	\$ -	\$ -	\$ -	\$ -	\$ 14,060,800
		Debt Service:	\$ -	\$ 680,341	\$ 680,341	\$ 680,341	\$ 680,341	\$ 680,341		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR: WA-13

WA-8

PROGRAM TITLE: Southeast Reservoir & System Extension

PROGRAM DESCRIPTION:

This project would design and construct a new 3.0 Million Gallon reservoir south of 93rd Avenue on property that has been previously acquired for this purpose. The project will also include the piping necessary to extend the City water system along 93rd Avenue to the reservoir from the Preserve development. Construction of the project is assumed to be funded with a revenue bond or Public Works Trust Fund Loan.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water System Plan PAGE# M-9 GROWTH: 95%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 1,500,000	\$ 200,000	\$ 200,000							\$ 1,700,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 18,000,000		\$ 18,000,000						\$ 18,000,000
Equipment		\$ -								\$ -
debt service		\$ -								\$ -
TOTAL EXPENSES	\$ 1,500,000	\$ 18,200,000	\$ 200,000	\$ 18,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,700,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 75,000	\$ 10,000	\$ 10,000							\$ 85,000
Connections	\$ 1,425,000	\$ 190,000	\$ 190,000							\$ 1,615,000
Revenue Bonds		\$ 18,000,000		\$ 18,000,000						\$ 18,000,000
Other		\$ -								\$ -
TOTAL SOURCES	\$ 1,500,000	\$ 18,200,000	\$ 200,000	\$ 18,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,700,000
		Debt Service:	\$ -	\$ -	\$ 1,113,285	\$ 1,113,285	\$ 1,113,285	\$ 1,113,285		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR: WA-10

WA-9

PROGRAM TITLE: Enterprise Resource Planning Business System

PROGRAM DESCRIPTION:

Replacement and implementation of the current ERP System (Tyler Eden), currently estimated at approximately \$2.6 million. Tyler Technology's, Eden program, is no longer supported and is being upgraded to MUNIS. This system manages the billing and financial programs for the utilities, among other critical functions for the City, like payroll and permitting. The cost for both vendor fees, technology, and City staff time to implement is split between General Fund (50%) and the Water, Sewer and Storm utilities (50%).

IS PROJECT RECOMMENDED BY PLAN/POLICY?

PLAN:

PAGE#

GROWTH:

10%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -								\$ -
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other (Software, etc.)	\$ 338,341	\$ 193,333	\$ 96,667	\$ 96,667						\$ 531,675
TOTAL EXPENSES	\$ 338,341	\$ 193,333	\$ 96,667	\$ 96,667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 531,675
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 304,507	\$ 174,000	\$ 87,000	\$ 87,000						\$ 478,507
Connections	\$ 33,834	\$ 19,333	\$ 9,667	\$ 9,667						\$ 53,167
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 338,341	\$ 193,333	\$ 96,667	\$ 96,667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 531,675
		Debt Service:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR: WA-11

WA-10

PROGRAM TITLE: Water Comprehensive Plan Update

PROGRAM DESCRIPTION:

The WA Department of Health (DOH) requires the City update the Water System Comprehensive Plan every ten years. The current plan, completed in 2021, will need to be updated and approved by DOH by November 2031. The Water Comp Plan update includes an assessment of water rights and production capacity, treatment needs, and distribution system. The report also reviews the City's wellhead protection, water conservation, and water quality programs, makes recommendations for capital improvements and ensures the City has financial resources to implement the plan and protect public health.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water System Plan PAGE# M-9 GROWTH: 25%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 350,000				\$ 100,000	\$ 150,000	\$ 100,000		\$ 350,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ 100,000	\$ 150,000	\$ 100,000	\$ -	\$ 350,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 262,500				\$ 75,000	\$ 112,500	\$ 75,000		\$ 262,500
Connections		\$ 87,500				\$ 25,000	\$ 37,500	\$ 25,000		\$ 87,500
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ 100,000	\$ 150,000	\$ 100,000	\$ -	\$ 350,000
Debt Service:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO. T3041003
NEW: No
PRIOR: WA-12

WA-11

PROGRAM TITLE: Capitol Blvd and X St Watermain

PROGRAM DESCRIPTION:

This project will upsize existing 8-inch AC (asbestos cement) watermain along Capitol Blvd with 16-inch ductile iron pipe in conjunction with a Transportation Capital Facilities Plan project. Undersized cast iron watermain on X Street within project limits will also be replaced. Infrastructure upgrades along Capitol Blvd are consistent with seismic protection recommendations. Design is complete and right-of-way negotiations are underway. Construction is tentatively scheduled for construction in 2026.

IS PROJECT RECOMMENDED BY PLAN/POLICY?	Yes	PLAN:	Water System Plan	PAGE#	GROWTH:	25%
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FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 100,000	\$ -								\$ 100,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 600,000	\$ 600,000							\$ 600,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ 100,000	\$ 600,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 75,000	\$ 450,000	\$ 450,000							\$ 525,000
Connections	\$ 25,000	\$ 150,000	\$ 150,000							\$ 175,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 100,000	\$ 600,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000
		Debt Service:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: YES
PRIOR: WA-13

WA-12

PROGRAM TITLE: Seismic Resilience

PROGRAM DESCRIPTION:

Conduct a moderate seismic resiliency study to establish Level of Service goals for utility operation after a major seismic event, update geotechnical hazard maps, develop processes for facility structural resilience evaluations on critical structures and distribution systems, and prepare a critical interdependencies assessment. This project will result in the development of an implementation strategy, identifying all the recommendations for reducing vulnerabilities and mitigating risk for both water and sewer utilities. This is the Drinking Water Fund portion.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2021 Water System Plan PAGE# 7-14 GROWTH: 25%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -							\$ 100,000	\$ 100,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ -							\$ 75,000	\$ 75,000
Connections		\$ -							\$ 25,000	\$ 25,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
		Debt Service:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: YES
PRIOR:

WA-13

PROGRAM TITLE: Bush Wellfield Deep Monitoring Wells

PROGRAM DESCRIPTION:

Install 2 to 4 monitoring wells in the lower aquifer in the Bush Wellfield area to monitor water levels and water quality of the City's primary source aquifer to evaluate impacts from local water withdrawals, monitor seasonal fluctuations, overall water level trends, and collect water quality samples within the wellhead protection area.

IS PROJECT RECOMMENDED BY PLAN/POLICY?

PLAN:

PAGE#

GROWTH:

10%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 15,000	\$ 15,000							\$ 15,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 100,000		\$ 100,000						\$ 100,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 115,000	\$ 15,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 115,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 103,500	\$ 13,500	\$ 90,000						\$ 103,500
Connections		\$ 11,500	\$ 1,500	\$ 10,000						\$ 11,500
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 115,000	\$ 15,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 115,000
Debt Service:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW:
PRIOR:

WA-14

PROJECT TITLE: 454 Zone Booster Pump Station Improvement

PROGRAM DESCRIPTION:

This project includes the repair/replacement of the 454 Zone Booster Pump Station including pumps, piping, controls and building. The overall condition of the steel piping, piping manifold and roof are poor and are in need of replacement.

IS PROJECT RECOMMENDED BY PLAN/POLICY?

PLAN:

PAGE#

GROWTH: 10%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2026	2027	2028	2029	2030	2031	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 200,000		\$ 200,000						\$ 200,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 1,000,000			\$ 1,000,000					\$ 1,000,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 1,200,000	\$ -	\$ 200,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 1,080,000		\$ 180,000	\$ 900,000					\$ 1,080,000
Connections		\$ 120,000		\$ 20,000	\$ 100,000					\$ 120,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 1,200,000	\$ -	\$ 200,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000
		Debt Service:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		