

FINANCIAL PLAN FOR THE WATER FUND

PROJECT	EXPENSES		6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YRS	GRAND TOTAL
Capital Projects:		LEAD									
1	Water Rights Acquisition	WRS	\$ 6,400,000	\$ 3,500,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ -	\$ 6,400,000
2	Brewery Wellfield - Water Production Infrastructure	WRS	\$ 10,297,500	\$ 250,000	\$ 5,962,500	\$ 2,990,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ -	\$ 10,297,500
3	Brewery Wellfield - Abandon Existing Wells	WRS	\$ 750,000	\$ 443,750	\$ 306,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000
4	Emerging Projects / Oversizing	WRS	\$ 510,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ -	\$ 510,000
5	Water Main Replacement and Extension Program	TED	\$ 2,350,000	\$ -	\$ 50,000	\$ 750,000	\$ 750,000	\$ 50,000	\$ 750,000	\$ -	\$ 2,350,000
6	Well 15 Improvements	WRS	\$ 950,000	\$ -	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 950,000
7	City Operations and Maintenance Facility Relocation	TED	\$ 16,670,139	\$ 1,839,200	\$ 10,198,988	\$ 1,964,988	\$ 888,988	\$ 888,988	\$ 888,988	\$ -	\$ 16,670,139
8	Southeast Reservoir & System Extension	TED	\$ 25,672,222	\$ 12,550,000	\$ 7,024,444	\$ 1,524,444	\$ 1,524,444	\$ 1,524,444	\$ 1,524,444	\$ -	\$ 25,672,222
9	New Source Development Planning	WRS	\$ 10,195,223	\$ 625,000	\$ 825,000	\$ 250,000	\$ 1,750,000	\$ 2,622,612	\$ 4,122,612	\$ 6,000,000	\$ 16,195,223
10	Enterprise Resource Planning Business System	FIN	\$ 200,000	\$ 66,667	\$ 66,667	\$ 66,667	\$ -	\$ -	\$ -	\$ -	\$ 200,000
11	Water Comprehensive Plan Update	WRS	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 125,000	\$ 125,000	\$ 275,000
12	Capitol Blvd and X St Watermain	TED	\$ 650,000	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000
13	Resource Conservation & Sustainability	WRS	\$ 250,000	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
14	Seismic Resilience	WRS	\$ 80,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000
TOTAL CAPITAL PROJECT EXPENSES			\$ 75,125,084	\$ 20,214,617	\$ 26,173,849	\$ 8,211,099	\$ 5,943,432	\$ 6,141,044	\$ 8,441,044	\$ 6,125,000	\$ 81,250,084
SOURCES OF FUNDS:											
General Governmental			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Grants			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Operating Income			\$ 12,687,928	\$ 898,958	\$ 2,669,085	\$ 2,736,460	\$ 2,158,127	\$ 1,792,649	\$ 2,432,649	\$ 100,000	\$ 12,787,928
Connections			\$ 18,161,957	\$ 1,926,458	\$ 3,694,764	\$ 4,398,639	\$ 2,285,306	\$ 2,848,395	\$ 3,008,395	\$ 25,000	\$ 18,186,957
Revenue Bonds / Debt			\$ 50,275,200	\$ 33,275,200	\$ 5,000,000	\$ -	\$ 12,000,000	\$ -	\$ -	\$ -	\$ 50,275,200
TOTAL SOURCES			\$ 81,125,084	\$ 36,100,617	\$ 11,363,849	\$ 7,135,099	\$ 16,443,432	\$ 4,641,044	\$ 5,441,044	\$ 125,000	\$ 81,250,084

SIX YEAR FINANCIAL FORECAST

	2023	2024	2025	2026	2027	2028	2029		2024-2029
REVENUES									
Beginning Fund Balance	\$ 20,552,600	\$ 21,255,464	\$ 34,814,833	\$ 14,528,575	\$ 6,846,326	\$ 13,744,018	\$ 8,786,868		\$ 21,255,464
Charges for Services (Rates & Utility Tax)	\$ 6,216,203	\$ 6,607,824	\$ 7,103,411	\$ 7,600,649	\$ 8,094,692	\$ 8,620,846	\$ 9,138,097		\$ 47,165,519
Misc. Revenues	\$ 288,500	\$ 292,828	\$ 297,220	\$ 301,678	\$ 306,203	\$ 310,796	\$ 315,458		\$ 1,824,184
Operating Income (Sales + Misc.)	\$ 6,504,703	\$ 6,900,651	\$ 7,400,630	\$ 7,902,328	\$ 8,400,895	\$ 8,931,643	\$ 9,453,556		\$ 48,989,703
Connection Charges	\$ 535,000	\$ 550,000	\$ 682,142	\$ 743,535	\$ 817,889	\$ 899,677	\$ 989,645		\$ 4,682,888
DEBT Proceeds (Bonds , Loans, Etc.)	\$ 379,940	\$ 33,275,200	\$ 5,000,000	\$ -	\$ 12,000,000	\$ -	\$ -		\$ 50,275,200
TOTAL REVENUES	\$ 27,972,243	\$ 61,981,316	\$ 47,897,605	\$ 23,174,437	\$ 28,065,109	\$ 23,575,339	\$ 19,230,069		\$ 125,203,255
EXPENDITURES									
O & M (including Administration)	\$ 6,716,779	\$ 6,951,866	\$ 7,195,182	\$ 7,447,013	\$ 7,707,658	\$ 7,977,426	\$ 8,256,636		\$ 45,535,782
Debt Service	\$ -	\$ -	\$ -	\$ 670,000	\$ 670,000	\$ 670,000	\$ 670,000		\$ 2,680,000
Capital	\$ -	\$ 20,214,617	\$ 26,173,849	\$ 8,211,099	\$ 5,943,432	\$ 6,141,044	\$ 8,441,044		\$ 75,125,084
TOTAL EXPENSES	\$ 6,716,779	\$ 27,166,483	\$ 33,369,030	\$ 16,328,112	\$ 14,321,091	\$ 14,788,470	\$ 17,367,680		\$ 123,340,866
ENDING FUND BALANCE	\$ 21,255,464	\$ 34,814,833	\$ 14,528,575	\$ 6,846,326	\$ 13,744,018	\$ 8,786,868	\$ 1,862,389		\$ 1,862,389
UTILITY RESERVE POLICY (20% O&M + Debt Service)	\$ 1,343,356	\$ 1,390,373	\$ 1,439,036	\$ 1,623,403	\$ 1,675,532	\$ 1,729,485	\$ 1,785,327		
RATE Increase	4.8%	4.8%	6.0%	5.5%	5.0%	5.0%	4.5%		
CONNECTION FEE Increase	2.0%	2.0%	8.5%	9.0%	10.0%	10.0%	10.0%		

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 program includes funding for the purchase and processing of existing water rights to support system growth demands. Funding shown reserves funds for water right acquisitions as opportunities to acquire rights become available. The timing of the expenditures will depend on those opportunities.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YesPLAN: Water System PlanPAGE# S-3GROWTH: 100%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -								\$ -
Land & R-O-W		\$ 5,125,000	\$ 3,500,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000		\$ 5,125,000
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ 1,275,000		\$ 255,000	\$ 255,000	\$ 255,000	\$ 255,000	\$ 255,000		\$ 1,275,000
TOTAL EXPENSES	\$ -	\$ 6,400,000	\$ 3,500,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ -	\$ 6,400,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 1,100,000		\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000	\$ -	\$ 1,100,000
Connections		\$ 2,300,000	\$ 500,000	\$ 360,000	\$ 360,000	\$ 360,000	\$ 360,000	\$ 360,000	\$ -	\$ 2,300,000
Revenue Bonds		\$ 3,000,000	\$ 3,000,000							\$ 3,000,000
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 6,400,000	\$ 3,500,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ -	\$ 6,400,000

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

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 103,000	\$ 400,000	\$ 250,000	\$ 150,000	\$ -					\$ 503,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 8,437,500		\$ 5,812,500	\$ 2,625,000		\$ -			\$ 8,437,500
Equipment		\$ -								\$ -
Other (Debt Service)		\$ 1,460,000			\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000		\$ 1,460,000
TOTAL EXPENSES	\$ 103,000	\$ 10,297,500	\$ 250,000	\$ 5,962,500	\$ 2,990,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ -	\$ 10,400,500
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 20,600	\$ 867,000	\$ 50,000	\$ -	\$ 598,000	\$ 73,000	\$ 73,000	\$ 73,000	\$ -	\$ 887,600
Connections	\$ 82,400	\$ 4,430,500	\$ 200,000	\$ 962,500	\$ 2,392,000	\$ 292,000	\$ 292,000	\$ 292,000	\$ -	\$ 4,512,900
Revenue Bonds		\$ 5,000,000		\$ 5,000,000						\$ 5,000,000
Other		\$ -								\$ -
TOTAL SOURCES	\$ 103,000	\$ 10,297,500	\$ 250,000	\$ 5,962,500	\$ 2,990,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ -	\$ 10,400,500

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. Existing wells will be required to be decommissioned by WAC. The costs shown are 1/3 of the total cost which would be shared with Olympia and Lacey as co-owners.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water System Plan PAGE# S-7 GROWTH: 50%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 100,000	\$ 100,000							\$ 100,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 650,000	\$ 343,750	\$ 306,250						\$ 650,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 750,000	\$ 443,750	\$ 306,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 375,000	\$ 221,875	\$ 153,125						\$ 375,000
Connections		\$ 375,000	\$ 221,875	\$ 153,125						\$ 375,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 750,000	\$ 443,750	\$ 306,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000

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: 75%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 60,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000		\$ 60,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 450,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000		\$ 450,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 510,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ -	\$ 510,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 127,500	\$ 21,250	\$ 21,250	\$ 21,250	\$ 21,250	\$ 21,250	\$ 21,250	\$ -	\$ 127,500
Connections		\$ 382,500	\$ 63,750	\$ 63,750	\$ 63,750	\$ 63,750	\$ 63,750	\$ 63,750	\$ -	\$ 382,500
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 510,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ -	\$ 510,000

7/19/2004

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? YesPLAN: Water System PlanPAGE# D-2GROWTH: 20%

FINANCIAL DATA										
EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 400,000		\$ 50,000	\$ 100,000	\$ 100,000	\$ 50,000	\$ 100,000		\$ 400,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 1,950,000			\$ 650,000	\$ 650,000		\$ 650,000		\$ 1,950,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 2,350,000	\$ -	\$ 50,000	\$ 750,000	\$ 750,000	\$ 50,000	\$ 750,000	\$ -	\$ 2,350,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 1,880,000	\$ -	\$ 40,000	\$ 600,000	\$ 600,000	\$ 40,000	\$ 600,000	\$ -	\$ 1,880,000
Connections		\$ 470,000	\$ -	\$ 10,000	\$ 150,000	\$ 150,000	\$ 10,000	\$ 150,000	\$ -	\$ 470,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 2,350,000	\$ -	\$ 50,000	\$ 750,000	\$ 750,000	\$ 50,000	\$ 750,000	\$ -	\$ 2,350,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: YES
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. In addition, recent water quality evaluations for corrosion control suggest the City will be required to install corrosion control treatment at multiple production sites, including Well 15. This project will enhance site security and auxillary power, update infrastructure and building to current standard, and install treatment facilities. *Referenced by: 2020 Water System Plan / 2021 Homeland Security Assessment / 2023 Corrosion Control Assessment										
IS PROJECT RECOMMENDED BY PLAN/POLICY?	YES	PLAN:	Multiple*	PAGE#	GROWTH:	20%				

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 220,000		\$ 220,000						\$ 220,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 430,000		\$ 430,000						\$ 430,000
Equipment		\$ 300,000		\$ 300,000						\$ 300,000
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 950,000	\$ -	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 950,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 760,000	\$ -	\$ 760,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 760,000
Connections		\$ 190,000	\$ -	\$ 190,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 190,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 950,000	\$ -	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 950,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources and Sustainability
PROJECT NO. 2016025
NEW: No
PRIOR: WA-17

WA-7

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 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 in expenditures.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YesPLAN: City Hall Campus Master PlanPAGE#GROWTH: 50%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 330,800	\$ 697,200	\$ 697,200							\$ 1,028,000
Land & R-O-W	\$ 281,503	\$ -								\$ 281,503
Construction	\$ 144,531	\$ 9,860,000	\$ 986,000	\$ 7,888,000	\$ 986,000					\$ 10,004,531
Equipment		\$ 498,000		\$ 498,000						\$ 498,000
Other (incl. Arts & Debt)	\$ 72,000	\$ 5,614,939	\$ 156,000	\$ 1,812,988	\$ 978,988	\$ 888,988	\$ 888,988	\$ 888,988		\$ 5,686,939
TOTAL EXPENSES	\$ 828,833	\$ 16,670,139	\$ 1,839,200	\$ 10,198,988	\$ 1,964,988	\$ 888,988	\$ 888,988	\$ 888,988	\$ -	\$ 17,498,972
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 414,417	\$ 4,444,939		\$ 888,988	\$ 888,988	\$ 888,988	\$ 888,988	\$ 888,988		\$ 4,859,355
Connections	\$ 414,417	\$ -								\$ 414,417
Revenue Bonds		\$ 12,225,200	\$ 12,225,200							\$ 12,225,200
Other		\$ -								\$ -
TOTAL SOURCES	\$ 828,833	\$ 16,670,139	\$ 12,225,200	\$ 888,988	\$ 888,988	\$ 888,988	\$ 888,988	\$ 888,988	\$ -	\$ 17,498,972

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. Debt service payments included.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water System Plan PAGE# M-9 GROWTH: 80%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 1,200,000	\$ 550,000	\$ 550,000							\$ 1,750,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 17,500,000	\$ 12,000,000	\$ 5,500,000						\$ 17,500,000
Equipment		\$ -								\$ -
Other		\$ 7,622,222		\$ 1,524,444	\$ 1,524,444	\$ 1,524,444	\$ 1,524,444	\$ 1,524,444		\$ 7,622,222
TOTAL EXPENSES	\$ 1,200,000	\$ 25,672,222	\$ 12,550,000	\$ 7,024,444	\$ 1,524,444	\$ 1,524,444	\$ 1,524,444	\$ 1,524,444	\$ -	\$ 26,872,222
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 240,000	\$ 1,524,444	\$ -	\$ 304,889	\$ 304,889	\$ 304,889	\$ 304,889	\$ 304,889		\$ 1,764,444
Connections	\$ 960,000	\$ 6,097,778	\$ -	\$ 1,219,556	\$ 1,219,556	\$ 1,219,556	\$ 1,219,556	\$ 1,219,556	\$ -	\$ 7,057,778
Revenue Bonds		\$ 18,050,000	\$ 18,050,000		\$ -	\$ -	\$ -	\$ -		\$ 18,050,000
Other		\$ -								\$ -
TOTAL SOURCES	\$ 1,200,000	\$ 25,672,222	\$ 18,050,000	\$ 1,524,444	\$ 1,524,444	\$ 1,524,444	\$ 1,524,444	\$ 1,524,444	\$ -	\$ 26,872,222

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

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

WA-9

PROGRAM TITLE: New Source Development Planning

PROGRAM DESCRIPTION:

This project will initiate the planning efforts for additional source development in the City of Tumwater, and reserves funding for the design and installation of wells and other infrastructure necessary to produce potable water. Phase 1, "Explore Supply Needs & Options" will occur 2023-2024. Phase 2 will evaluate in greater detail the most feasible alternatives identified in Phase 1, 2024-2025, and Phase 3+ will be the implementation of the recommendations developed in Phase 2, including the design, permitting, installation, and testing of new wells, and ultimately construction of a production site and treatment plant. Costs for future phases will be refined following initial

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water System Plan PAGE# 6-8 GROWTH: 80%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 1,450,000	\$ 125,000	\$ 325,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000		\$ 1,450,000
Land & R-O-W		\$ 1,000,000	\$ 500,000	\$ 500,000						\$ 1,000,000
Construction		\$ 6,000,000				\$ 1,500,000	\$ 1,500,000	\$ 3,000,000	\$ 6,000,000	\$ 12,000,000
Equipment		\$ -								\$ -
Other		\$ 1,745,223					\$ 872,612	\$ 872,612		\$ 1,745,223
TOTAL EXPENSES	\$ -	\$ 10,195,223	\$ 625,000	\$ 825,000	\$ 250,000	\$ 1,750,000	\$ 2,622,612	\$ 4,122,612	\$ 6,000,000	\$ 16,195,223
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 839,045	\$ 125,000	\$ 165,000	\$ 50,000	\$ 50,000	\$ 224,522	\$ 224,522		\$ 839,045
Connections		\$ 3,356,179	\$ 500,000	\$ 660,000	\$ 200,000	\$ 200,000	\$ 898,089	\$ 898,089		\$ 3,356,179
Revenue Bonds		\$ 12,000,000				\$ 12,000,000				\$ 12,000,000
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 16,195,223	\$ 625,000	\$ 825,000	\$ 250,000	\$ 12,250,000	\$ 1,122,612	\$ 1,122,612	\$ -	\$ 16,195,223

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR: WA-15

WA-10

PROGRAM TITLE: Enterprise Resource Planning Business System

PROGRAM DESCRIPTION:
Replacement and implementation of the current ERP System (Tyler Eden), currently estimated at approximately \$2.5 million. The City currently uses Tyler Technology's Eden program, which is no longer supported or upgraded. 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: 20%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -								\$ -
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other (Software, etc.)	\$ 200,008	\$ 200,000	\$ 66,667	\$ 66,667	\$ 66,667					\$ 400,008
TOTAL EXPENSES	\$ 200,008	\$ 200,000	\$ 66,667	\$ 66,667	\$ 66,667	\$ -	\$ -	\$ -	\$ -	\$ 400,008
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 160,006	\$ 160,000	\$ 53,333	\$ 53,333	\$ 53,333					\$ 320,006
Connections	\$ 40,002	\$ 40,000	\$ 13,333	\$ 13,333	\$ 13,333					\$ 80,002
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 200,008	\$ 200,000	\$ 66,667	\$ 66,667	\$ 66,667	\$ -	\$ -	\$ -	\$ -	\$ 400,008

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR: WA-18

WA-11

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: 20%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 150,000					\$ 25,000	\$ 125,000	\$ 125,000	\$ 275,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 125,000	\$ 125,000	\$ 275,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 120,000					\$ 20,000	\$ 100,000	\$ 100,000	\$ 220,000
Connections		\$ 30,000					\$ 5,000	\$ 25,000	\$ 25,000	\$ 55,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 125,000	\$ 125,000	\$ 275,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

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

WA-12

PROGRAM TITLE: Capitol Blvd and X St Watermain

PROGRAM DESCRIPTION:
This project will upsize existing 8-inch AC watermain along Capitol Blvd with 16-inch ductile iron pipe in conjunction with a Transportation CFP project. Undersized cast iron watermain on X Street within project limits will also be replaced. Infrastructure upgrades along Capitol are consistent with seismic protection recommendations.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: Water System Plan PAGE# GROWTH: 50%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 100,000	\$ -								\$ 100,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 650,000	\$ 650,000							\$ 650,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ 100,000	\$ 650,000	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 50,000	\$ 325,000	\$ 325,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 375,000
Connections	\$ 50,000	\$ 325,000	\$ 325,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 375,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 100,000	\$ 650,000	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Water
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR: WA-14

WA-13

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? YesPLAN: Green Team / Climate Action PlanPAGE#GROWTH: 50%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 250,000	\$ 125,000	\$ 125,000						\$ 250,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 250,000	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 125,000	\$ 62,500	\$ 62,500			\$ -			\$ 125,000
Connections		\$ 125,000	\$ 62,500	\$ 62,500			\$ -			\$ 125,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 250,000	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

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

WA-14

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: 50%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2024	2025	2026	2027	2028	2029	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 80,000	\$ 80,000							\$ 80,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 80,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Connections		\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 80,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000