

Table 11-1 | Recommended CMP and CIP Budget and Schedule Summary

Project No.	Project Description	CIP Schedule and Project Cost Summary (2024 Dollars)				
		FY 2024 FY 2028	FY 2029 FY 2033	FY 2034 FY 2044)	Beyond	Total
S.1	Replace two flow control ball valves on DSPS discharge to West Linn	\$200,000				\$200,000
Source Subtotal		\$200,000				\$200,000
R.1	Horton Interior & Exterior Coating	\$1,000,000				\$1,000,000
R.2	Valley View Interior & Exterior Coating		\$500,000			\$500,000
R.3	Willamette Interior & Exterior Coating		\$670,000			\$670,000
R.4	Reservoir Seismic Analysis (Willamette, Horton, View Drive, Bland, Rosemont)	\$300,000				\$300,000
R.5	Willamette Reservoir Seismic Rehabilitation			\$750,000		\$750,000
R.6	Horton Reservoir Seismic Rehabilitation			\$750,000		\$750,000
R.7	Valley View Reservoir Seismic Rehabilitation			\$750,000		\$750,000
R.8	Bland Reservoir Seismic Rehabilitation			\$750,000		\$750,000
R.9	Rosemont Reservoir Seismic Rehabilitation			\$750,000		\$750,000
Storage Condition and Seismic Subtotal		\$1,300,000	\$1,170,000	\$3,750,000		\$6,220,000
P.1	Willamette Pump Station MCC Assessment	\$420,000				\$420,000
P.2	200 kW standby generator Bland/Valley Drive Pump Stations	\$265,000				\$265,000
P.3	Horton Pump Station Roof Replacement	\$40,000				\$40,000
P.4	Demolish Valley View Pump Station & Reservoir	\$250,000				\$250,000
Pump Station Subtotal		\$975,000				\$975,000
M-01	Replace large diameter galvanized/steel pipe with ductile iron	\$2,000,000	\$2,000,000	\$2,000,000	\$2,250,000	\$8,250,000
M-02	PRV Station Drainage Improvements	\$390,000				\$390,000
M-03	Willamette/Marylhurst/Lazy River Drive Improvements	\$3,000,000				\$3,000,000
M-04	Water Master Plan			\$300,000		\$300,000
Operations Subtotal		\$5,390,000	\$2,000,000	\$2,300,000	\$2,250,000	\$11,940,000
CMP-01	Replace small diameter galvanized/steel pipe with ductile iron	\$300,000				\$300,000
CMP-02	Replace asbestos cement pipe with ductile iron	\$2,000,000	\$1,500,000	\$4,000,000	\$8,665,000	\$16,165,000
CMP-03	Replace cast iron pipe with ductile iron	\$2,000,000	\$2,000,000	\$2,000,000	\$22,150,000	\$28,150,000
CMP Subtotal		\$4,300,000	\$3,500,000	\$6,000,000	\$30,815,000	\$44,605,000
V-01	Riverview Drive PRV Station	\$250,000				\$250,000
V-02	Debok/Killarny PRV Station	\$250,000				\$250,000
V-03	Bland Circle PRV Station	\$250,000				\$250,000
V-04	Carriage Way/Wildwood PRV Station		\$500,000			\$500,000
V-05	Firwood/Skyline PRV Station		\$250,000			\$250,000
V-06	Carriage Way/Hunter PRV Station		\$250,000			\$250,000
D-01	6,000 ft 8" and 12" diameter in Willamette Pressure Zone		\$3,700,000			\$3,700,000
D-02	600 ft 8" and 12" diameter in Willamette Pressure Zone.		\$360,000			\$360,000
D-03	3,000 ft 8" diameter in Bland Pressure Zone.		\$1,400,000			\$1,400,000
D-04	6,800 ft 8" diameter in Bolton Pressure Zone			\$3,250,000		\$3,250,000
D-05	2,700 ft 8" diameter in Willamette and Bland Pressure Zones			\$1,200,000		\$1,200,000
D-06	2,100 ft 8" diameter in Bolton Pressure Zone			\$945,000		\$945,000
D-07	2,770 ft 8" diameter in Robinwood Pressure Zone			\$1,260,000		\$1,260,000
D-08	6,860 ft 8" and 12" diameter in Willamette and Bland Pressure Zones			\$4,850,000		\$4,850,000
D-09	1,950 ft 8" and 12" diameter in Bolton Pressure Zone			\$1,320,000		\$1,320,000
D-10	2,580 ft 8" and 12" diameter in Bolton Pressure Zone			\$1,515,000		\$1,515,000
D-11	3,400 ft 8" diameter pipe to increase capacity at dead ends in the Horton Pressure Zone.				\$1,550,000	\$1,550,000
D-12	4,650 ft 8" diameter pipe to increase capacity at dead ends in the Bolton Pressure Zone.				\$2,200,000	\$2,200,000
D-13	5,600 ft 8" diameter pipe to increase capacity at dead ends in the Horton and Rosemont Pressure Zones.				\$2,110,000	\$2,110,000
D-14	2,630 ft 8" diameter pipe to increase capacity at dead ends in the Willamette Pressure Zone.				\$1,197,000	\$1,197,000
D-15	3,260 ft 8" diameter pipe to increase capacity at dead ends in the Rosemont Pressure Zone.				\$1,980,000	\$1,980,000
D-16	2,130 ft 8" diameter pipe to increase capacity at dead ends in the Robinwood Pressure Zone.				\$970,000	\$970,000
D-17	3,420 ft 8" diameter pipe to increase capacity at dead ends in the Robinwood and Rosemont Pressure Zones.				\$1,600,000	\$1,600,000
D-18	300 ft 8" diameter pipe to increase capacity to fire hydrant in the Horton Pressure Zone.				\$150,000	\$150,000
D-19	300 ft 8" diameter pipe to increase capacity to fire hydrant in the Horton Pressure Zone.				\$150,000	\$150,000
Distribution Subtotal		\$750,000	\$6,460,000	\$14,340,000	\$11,907,000	\$33,457,000
CIP & CMP Total		\$12,915,000	\$13,130,000	\$26,390,000	\$14,157,000	\$97,407,000
Planning Period Estimated Annual Budget		\$2.6M	\$2.6M	\$2.6M		

City of West Linn

Water Fund
(amounts in thousands)

	ACTUALS					Current Year	+ 1	+ 2	+ 3	+ 4	+ 5	
	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	
						PROJECTED						
Resources												
Beginning fund balance	\$2,708	\$3,219	\$3,632	\$4,589	\$18,544	\$19,436	\$24,728	\$7,245	\$8,564	\$6,643	\$4,538	FY26 Ops Building \$4M AMR \$500k
Water charges - base	4,509	5,216	4,973	5,673	5,775	5,966	6,197	6,436	6,694	6,962	7,241	-1.00% Projected usage variance factor I 205 Waterline \$12M
Water charges - rate increases	232	247	273	262	297	304	314	326	338	352	366	5.00% Clay Valve Replacement \$200K
Interest	-	1	1	215	602	300	80	60	62	64	66	3.00% Pump Station Roof \$25k
Miscellaneous	164	205	382	255	375	310	270	270	275	281	287	2.00% Vehicle Replacement \$150k
Intergovernmental	-	-	5	70	3	-	-	6,200	-	-	-	
Proceeds from sale of bonds	-	-	-	12,663	-	7,000	-	-	-	-	-	
Proceeds from leases	29	63	-	-	8	-	-	-	-	-	-	
Proceeds from sale of capital assets	-	-	-	-	-	-	-	-	-	-	-	
Total revenues	4,934	5,732	5,634	19,138	7,060	13,880	6,861	13,292	7,369	7,659	7,960	FY27 AMR \$500k Waterline Replacements \$1.5M Ops Building \$2.5M
Total Resources	\$7,642	\$8,951	\$9,266	\$23,727	\$25,604	\$33,316	\$31,589	\$20,537	\$15,933	\$14,302	\$12,498	FY28 AMR \$500k Horton Reservoir Coating \$1M
Requirements												
Personnel services	\$773	\$853	\$823	\$739	\$909	\$980	\$1,041	\$1,079	\$1,149	\$1,224	\$1,304	6.50% FY29 AMR \$500K Waterline Replacements \$1.25M
Materials & services	1,893	2,180	2,204	2,640	2,629	2,551	3,091	3,176	3,271	3,369	3,470	3.00%
Debt service	279	295	151	154	1,033	1,034	1,576	1,577	1,580	1,580	1,580	Scheduled FY30 AMR \$500k
Transfers to other funds	830	873	1,195	1,055	1,212	1,357	1,761	1,641	1,690	1,741	1,793	3.00% Large Diameter Steel Pipe Replacement \$1.5
Capital outlay												
Water capital projects	612	846	304	595	375	2,646	16,725	4,500	1,500	1,750	2,000	Estimated
Equipment and vehicle	36	272	-	-	10	20	150	-	100	100	100	Estimated
Total expenditures	4,423	5,319	4,677	5,183	6,168	8,588	24,344	11,973	9,290	9,764	10,247	
Ending Fund Balance												
Policy requirement (15%)	-	-	-	-	-	-	-	-	-	-	-	10% Reserve policy (% of PS and M&S) for Contingency Reserve 5% Reserve policy (% of PS and M&S) for Ending Fund Balance Reserve 15% Policy Requirement percentage (Total % Reserve)
Over (under) Policy	3,219	3,632	4,589	18,544	19,436	24,728	7,245	8,564	6,643	4,538	2,251	
Total ending fund balance	3,219	3,632	4,589	18,544	19,436	24,728	7,245	8,564	6,643	4,538	2,251	
Total Requirements	\$7,642	\$8,951	\$9,266	\$23,727	\$25,604	\$33,316	\$31,589	\$20,537	\$15,933	\$14,302	\$12,498	

Monthly Utility Rate Information:												
% water rate increases	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Water portion of average bill	\$ 25	\$ 26	\$ 27	\$ 29	\$ 30	\$ 32	\$ 33	\$ 35	\$ 37	\$ 38	\$ 40	
Total average utility bill	\$ 108	\$ 113	\$ 119	\$ 125	\$ 131	\$ 137	\$ 144	\$ 151	\$ 159	\$ 167	\$ 175	