
EXHIBIT K. CAPITAL IMPROVEMENT PLAN

Lake Whatcom Water and Sewer District - Capital Improvement Plan 2014 thru 2019

Program Area / CIP Project # / CIP Project Name		Fund	Total	2014	2015	2016	2017	2018	2019
Both Water and Sewer									
0121	Admin Building (1220 Lakeway) Irrigation System	420	10,000	10,000					
A0005	Accounting & Administration Server - Replace/Update Hardware, Network Security, & OS		20,600			10,300			10,300
V0001	Replace Tool Truck (6 tool trucks in fleet)		154,500		51,500		51,500		51,500
V0002	Replace Administrative Staff Vehicle (3 cars in fleet)		25,133				25,133		
V0003	Replace Locator / Meter Reading Van		25,335				25,335		
V0004	Replace Light Truck		31,669				31,669		
0119	Gravel/Asphalt Material Bin Improvements at Shop	420	5,000	5,000					
Subtotal			272,237	15,000	51,500	10,300	133,637		61,800
Sewer System									
0032	Agate Bay Pump Station Replacement		669,500				669,500		
0033a	Strawberry Point Pump Station Replacement - Predesign	420	100,000	100,000					
0033b	Strawberry Point Pump Station Replacement (subtraced \$100k for predesign in 2014)		592,250		592,250				
0049	Country Club Pump Station Replacement		669,500			669,500			
0038	Geneva Pump Station Replacement		669,500					669,500	
0021	Boulevard Pump Station Replacement (subtracted \$90k for predesign in 2013)	420	570,000	570,000					
0055	Rocky Ridge Pump Station Replacement		721,000						721,000
S0001b	EPA Capacity, Management, Operations, & Maintenance (CMOM) Projects - Sewer I&I	420	103,000	103,000					
0113	Lowe Sewer Pump Station - Replace Rotophase with VFD	420	7,000	7,000					
0117	Sewer Push Camera for 2" to 4" Pipe	420	7,000	7,000					
0124	Rehabilitate Old Flat Car Sewer Pump Station		100,000		100,000				
0125	Flow Meter for Sudden Valley Sewer Pump Station Drywell Pumps		10,000		10,000				
A0010	Update Sewer Comprehensive Plan		61,800						61,800
S0001	EPA Capacity, Management, Operations, & Maintenance (CMOM) Projects - Sewer I&I		824,000		164,800	164,800	164,800	164,800	164,800
Subtotal			5,104,550	787,000	867,050	834,300	834,300	834,300	947,600
Water System									
0108	Replace SVWTP Booster Station Roof		25,750		25,750				
0110	Security - Intrusion Alarms at Reservoirs, Cameras as SVWTP AHWTP		10,300			10,300			
0072	SVWTP Clearwell Overflow Drain		75,000				75,000		
0060	Eagleridge Fire Pump Control Upgrade		63,339		63,339				
W0002b	Water System Rehab and Replacement Projects		480,000			120,000	120,000	120,000	120,000
W0002	Water System Rehab and Replacement Projects	420	120,000	120,000					
0084	Agate Heights Treatment Plant Additional Capacity		499,550						499,550
0043	Sudden Valley Replace AC and 2" PVC Water Lines		93,108			93,108			
0122	Security Sensors at Reservoir and WTP Sites		19,417		19,417				
W0007	SVWTP Filter 1&2 Media - Replace		20,268			20,268			

Program Area / CIP Project # / CIP Project Name	Fund	Total	2014	2015	2016	2017	2018	2019
W0005 Reservoirs - Inspection & Maintenance		25,750				25,750		
W0003 SVWTP Filter 3&4 Media - Replace		20,268		20,268				
W0001 Water Service Rebuilds	420	36,000	12,000	12,000	12,000			
A0007 Update Water Comprehensive Plan		109,273		109,273				
0123 SVWTP Spare Raw Water Pump VFD	420	5,000	5,000					
0118 Leak Locator Equipment		10,000		10,000				
0114 SVWTP and AHWTP - New Dehumidifiers	420	5,000	5,000					
0126 Mechanical Staff Gauge for SVWTP Clearwell Reservoir		10,000				10,000		
Subtotal		1,628,023	142,000	260,047	255,676	230,750	120,000	619,550

Water System - Funding by Loan or Bond

0116 Reservoir Seismic Restraints (Place-Holder. Need to develop cost est.)		500,000			500,000			
0115 Division 7 and Geneva Reservoir Coating and Structural Repairs (Place-Holder. Need to develop cost est.)		500,000			500,000			
Subtotal		1,000,000			1,000,000			

* Note: Cost Estimates in 2014 Dollars

Grand Total	8,004,810	944,000	1,178,597	2,100,276	1,198,687	954,300	1,628,950
--------------------	------------------	----------------	------------------	------------------	------------------	----------------	------------------