

Lake Whatcom Water and Sewer District - Capital Improvement Plan 2013 thru 2018

Program Area / CIP Project # / CIP Project Name	Fund	Total	2013	2014	2015	2016	2017	2018
2014 Public Works Trust Fund Loan								
0050	Priority #10 - Par Lane Pump Station Replacement	650,000			650,000			
0033	Priority #05 - Strawberry Point Pump Station Replacement	675,000		675,000				
0049	Priority #14 - Country Club Pump Station Replacement	650,000		650,000				
0048	Division 22 Reservoir - Add 0.5MG Capacity	960,000			960,000			
0063	Geneva Area AC Water Main Replacement	2,275,000	2,275,000					
0084	Agate Heights Treatment Plant Additional Capacity	485,000		485,000				
	Subtotal	5,695,000	2,275,000	1,810,000	1,610,000			
Both Water and Sewer								
103	Safety Equipment - Reservoir Fall Protection Anchors, Grates at SUD BEA FLA NOR	420	12,000	12,000				
104	Shop Facility Impr - Gravel Bin Slab & Block Walls, Diesel Tank Pad & Bollards	420	5,000	5,000				
A0005	Accounting & Administration Server - Replace/Update Hardware, Network Security, & OS	420	20,000	10,000			10,000	
V0004	Replace Light Truck		30,747		30,747			
V0003	Replace Meter Reading Van		24,597		24,597			
V0002	Replace Administrative Staff Vehicle (9/20/2010 2 cars in fleet - add 1 in 2011 for total of 3 cars)		24,401		24,401			
E0008	Replace Flush and Vac Trucks, add Boom Truck	425	225,000	225,000				
0102	Thermal Imager	420	3,000	3,000				
V0001	Replace Tool Truck (9/20/2010 6 tool trucks in fleet)		100,000			50,000		50,000
	Subtotal		444,745	255,000		129,745	10,000	50,000
Sewer System								
0032	Priority #06 - Agate Bay Pump Station Replacement		650,000					650,000
0038	Priority #07 - Geneva Pump Station Replacement		650,000				650,000	
0021	Priority #08 - Boulevard Pump Station Replacement		650,000		650,000			
S0001b	EPA Capacity, Management, Operations, & Maintenance (CMOM) Projects - Sewer I&I		100,000		100,000			
111	Replace Air/Vac Valves on Lake Louise Rd. Interceptor	420	8,000	8,000				
S0001	EPA Capacity, Management, Operations, & Maintenance (CMOM) Projects - Sewer I&I		640,000			160,000	160,000	160,000
S0001a	EPA Capacity, Management, Operations, & Maintenance (CMOM) Projects - Sewer I&I	420	88,000	88,000				
	Subtotal		2,786,000	96,000	750,000	160,000	160,000	810,000
Water System								
0082b	SVWTP - Replace Natural Gas 230kW Generator with Larger Diesel Unit - Design/Bid/Construction	420	325,000	325,000				
108	Replace SVWTP Booster Station Roof		25,000		25,000			
0089	Steel Reservoir Cathodic Corrosion Protection	420	75,000	75,000				
110	Security - Intrusions Alarms at Reservoirs, Cameras at SVWTP AHWTP		10,000				10,000	

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0072	SVWTP Clearwell Overflow Drain		75,000				75,000		
0060	Eagleridge Fire Pump Control Upgrade		61,494			61,494			
W0002b	Fire Hydrant Replacement - 15 year project (years 2016+2017+2018)		360,000				360,000		
W0002a	Fire Hydrant Replacement - 15 year project (years 2014+2015)		240,000			240,000			
109	Replace Johnson Well House and Shed Roof	420	10,000	10,000					
0043	Sudden Valley Replace AC and 2" PVC Water Lines		90,396				90,396		
105	Replace Portable Dehumidifiers (1 at SV and 1 at AH)	420	3,000	3,000					
106	Backup Benchtop Analyzer	420	3,000	3,000					
107	Demolition Hammer	420	1,000	1,000					
112	Water Main Relocation resulting from County Stormwater Impr - Geneva & Freemont St	420	10,000	10,000					
A0007	Update Water Comprehensive Plan		106,090			106,090			
W0001	Water Service Rebuilds	420	48,000	12,000	12,000	12,000	12,000		
W0007	SVWTP Filter 1&2 Media - Replace		19,678				19,678		
W0003	SVWTP Filter 3&4 Media - Replace		19,678			19,678			
W0005	Reservoirs - Inspection & Maintenance		25,000					25,000	
	Subtotal		1,507,335	439,000	12,000	464,262	567,074	25,000	
	Grand Total		10,433,080	3,065,000	2,572,000	2,364,007	737,074	885,000	810,000

* Note: Cost Estimates in 2013 Dollars