

Lake Whatcom Water and Sewer District - Capital Improvement Plan 2011 thru 2016

Program Area / CIP Project # / CIP Project Name		Fund	Total	2011	2012	2013	2014	2015	2016
2009 Revenue Bond Projects - Carry Over to 2011 (Remaining Budget to Complete)									
C0805	The Tomb Pump Station Improvements	430	31,280	31,280					
C0901	Cable St - Ranch House - Afternoon Beach Pump Station Improvements	430	1,371,674	1,371,674					
C0902	Telemetry Improvements	430	201,009	201,009					
C0911	SVWTP Control System & Telemetry	430	110,000	110,000					
C0913	Lake Louise Road Fiber Optic Cable	430	119,896	119,896					
	Subtotal		1,833,859	1,833,859					
Active Projects - Carry Over to 2011 (Remaining Budget to Complete)									
C0614	Water and Sewer Administrative Code	401	40,000	40,000					
C0802	Water Comprehensive Plan Update	401	2,056	2,056					
C0904	District Admin Building and Operations Center	415	80,782	80,782					
C1002	Purchase 250kW Mobile Generator	420	65,000	65,000					
C1005	EPA Capacity, Management, Operations, & Maintenance (CMOM) Projects - Sewer I&I	420	91,942	91,942					
C1006	Sewer Emergency Response Equipment (Part 2)	420	74,263	74,263					
C1008	Flat Car Portable Shelter Storage	420	10,927	10,927					
	Subtotal		364,970	364,970					
Administration & Office/Shop Operations									
0085b	Operations Building Remodel - Construction & CA	420	700,000	700,000					
0088	Operations Pole Building - Slab & Re-Roof	420	20,000	20,000					
A0005	Accounting & Administration Server - Replace Hardware, Network Security, & OS	401	22,000			11,000			11,000
A0007	Update Water Comprehensive Plan	401	100,000						100,000
A0010	Update Sewer Comprehensive Plan	401	40,000			40,000			
	Subtotal		882,000	720,000		51,000			111,000
Misc & Maintenance									
0090	Purchase Plate Compactor	420	1,500	1,500					
0096	Software - Acroplot Pro License, ArcPublisher License	401	3,500	3,500					
0097	GPS Data Collector	401	5,000	5,000					
E0009	Annual Generator Load Testing and Maintenance Service Contract	401	60,000	10,000	10,000	10,000	10,000	10,000	10,000
	Subtotal		70,000	20,000	10,000	10,000	10,000	10,000	10,000
Sewer Collection									
0014a	Lake Whatcom Blvd Interceptor - Condition Assessment - Sonar Planning	420	15,000	15,000					
0019	Rehab Sewer Manholes, pilot project	420	81,149				81,149		
0036	Sewer Tightline Project	420	289,819						289,819

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0062a	Old Lakeway & Euclid Interceptor - Condition Assessment - Sonar Planning	420	15,000	15,000					
S0001	EPA Capacity, Management, Operations, & Maintenance (CMOM) Projects - Sewer I&I	420	473,501		94,700	94,700	94,700	94,700	94,700
Subtotal			874,469	30,000	94,700	94,700	175,849	94,700	384,519
Sewer Pump Stations									
0032	Priority #06 - Agate Bay Pump Station Retrofit	420	700,194						700,194
0033	Priority #05 - Strawberry Point Pump Station Retrofit	420	675,000		675,000				
Subtotal			1,375,194		675,000				700,194
Vehicles & Heavy Mobile Equip									
0029	Smoke Blower	420	5,796						5,796
E0001	Replace Backhoe (budget estimate for new unit)	420	139,113					139,113	
E0004	Replace Camera Equipment	420	34,778		34,778				
V0001	Replace Tool Truck (9/20/2010 6 tool trucks in fleet)	420	150,000		50,000		50,000		50,000
V0002	Replace Administrative Staff Vehicle (9/20/2010 2 cars in fleet - add 1 in 2011 for total of 3 cars)	420	46,000	23,000				23,000	
V0003	Replace Meter Reading Van	420	23,185			23,185			
V0004	Replace Light Truck	420	28,982					28,982	
Subtotal			427,855	23,000	84,778	23,185	50,000	191,095	55,796
Water - Agate Heights									
0094	Agate WTP - Rebuild Filter	420	10,000	10,000					
Subtotal			10,000	10,000					
Water - Eagleridge									
0060	Eagleridge Fire Pump Control Upgrade	420	57,964				57,964		
Subtotal			57,964				57,964		
Water - South Shore									
0034	Geneva Street Water Main Replacement	420	241,984						241,984
0043	Sudden Valley Replace AC and 2" PVC Water Lines	420	85,207				85,207		
0045c	Geneva Area AC Water Main Replacement Phase 3	420	164,037					164,037	
0048	Division 22 Reservoir 0.5MG	420	687,450			687,450			
0059	SVWTP - Raw Water Pump Motors	420	30,141		30,141				
0061	Lowell & Oriental PRVs	420	196,267				196,267		
0064	Blow-off Installations at Dead Ends	420	34,778		34,778				
0066	SVWTP - Replace Gen Transfer Switch	420	82,400	82,400					
0070	SVWTP - Raw Water Pump Emergency Bypass Port	420	11,255	11,255					
0072	SVWTP Clearwell Overflow Drain	420	84,413				84,413		

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0083	SVWTP - Transfer and Transmission Pump VFD's	420	450,883					450,883	
0084	Agate Heights WTP - Additional Capacity	420	318,270				318,270		
0087	SVWTP - Recoat pipe, soda ash tank, floc tank, and filter bay 1&2	420	25,000	25,000					
0091	SVWTP - Enclose Raw Water Pump Panel	420	1,000	1,000					
0092	SVWTP - Replace Broken Pump House Skylights	420	1,500	1,500					
0093	SVWTP - Repave Driveway in Front of Plant & Pump House	420	10,000	10,000					
0095	Divison 30 Booster - Recoat piping	420	10,000		10,000				
W0001	Water Service Rebuilds	420	75,000		15,000	15,000	15,000	15,000	15,000
W0003	SVWTP Filter 3&4 Media - Replace	420	18,548					18,548	
W0005	Reservoirs - Inspection & Maintenance	420	24,597		24,597				
W0007	SVWTP Filter 1&2 Media - Replace	420	18,548						18,548
Subtotal			2,571,279	131,155	114,517	702,450	699,156	648,468	275,533
* Note: Cost Estimates in 2011 Dollars									
Grand Total			8,467,589	3,132,984	978,995	881,335	992,969	944,263	1,537,042