
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 | | | |

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|---|--|------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 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 |
|--------------------|------------------|----------------|------------------|------------------|------------------|----------------|------------------|