

10-YEAR CAPITAL IMPROVEMENT FUND

Capital Expenditure Program

	(AS IDENTIFIED IN MASTER PLANS & ANNUAL REPORTS)										
	Projected 2013-14	Projected 2014-15	Projected 2015-16	Projected 2016-17	Projected 2017-18	Projected 2018-19	Projected 2019-20	Projected 2020-21	Projected 2021-22	Projected 2022-23	Projected 2023-24
IMPROVEMENTS (NEW CONSTRUCTION)											
FACILITIES											
WATER											
Power Zone II Booster/Design & Const (Grant & District)											
Groundwater Protection											
Painted Rk/Estates Inter-Tie											
Telemetry Upgrade											
Maintenance Software											
Water Main SV Road											
Storage Tank Security											
New ASR											
SCADA-Tank Overflow Switches	17,000		45,000								
Hidden Lake Loop			5,000	60,000							
Operations Plan		25,000									
TOTAL WATER FACIL.	17,000	25,000	50,000	0	0	0	0	0	0	0	0
Special Water Projects											
Groundwater Development Plan											
2001 Groundwater Simulation Project											
SV Groundwater Mgmt (Dist Share)AB303	10,000										
Groundwater Management Plan Review											
Capacity Analysis and reliability update											
PCWA Grant-T-Forest Tract Wtr Sply											
Water Main Evaluation											
Water Master Plan Update	25,000	25,000									
Alternative Water Supply grant application											
Redundant Water Supply Study	50,000	175,000									
Stream Aquifer Well Interaction Study											
Stream Aquifer Well Interaction Study-Application											
Stream Aquifer Well Interaction Study (Ph II)											
Stream Gauging											
Groundwater Monitoring Plan & Database											
Map Water System/GPS											
Mutual Intertie Feasibility Study											
Total Special Water Projects	85,000	200,000	0	0	0	0	0	0	0	0	0
CAPITAL REPAIRS & REPLACEMENTS											
FACILITIES											
Water											
Well #2-Repairs/replacement											
Well #3-Replacement-design complete	26,000				120,000	1,100,000					
Well #5-Cleaning/Inspection/Repairs											
Well #1-Replacement-Design/Constr											
Well #4-Replacement (4R2) (2012 Safety Mod											
Water Meter/AMR Upgrade/13-14 Resort 4"	7,500										
Hidden Lake Loop/Complete Construction			10,000	120,000							
Granite Chief Water Main											
Paint Fire Hydrants											
2" Water Main-Indian Trail		50,000									
2" Water Main-Victor Placer				77,500							
Inspect/Clean Water Tanks											
Fire Line DC Upgrade CO	14,000		28,000								
SCADA Automate Well 5R/web page											
Telemetry Upgrade											
Replace Steel Water Mains-Squaw Peak Road			150,000	100,000							
Replace E Boosterr & HZ Well Vaults & Mtrs											
Map Water System											
TOTAL WATER FACIL	47,500	50,000	188,000	297,500	120,000	1,100,000	0	0	0	0	0
Half Value of Shared Costs (Pg 3of4)	64,625	81,500	79,500	22,500	18,500	7,500	52,500	11,500	32,500	2,500	2,500
Total Improvements (New)	214,125	356,500	317,500	320,000	138,500	1,107,500	52,500	11,500	32,500	2,500	2,500

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IMPROVEMENTS (NEW CONSTRUCTION)											
FACILITIES											
SEWER											
Telemetry Upgrades											
Maintenance Software											
SVPSD Sewer Flow Mtr Repl (TR Siphon)											
Special Gas Monitor											
SCBA Safety Equipment											
Financial Planning											
SV Entrance Sewer Evaluation											
Flow Meter T-5A Construction											
Sewer Easement Machine											
Intersection Manholes-A-29A/1500 SV Rd	10,000	10,000									
15" to 21" Olympic Estates		138,000									
Install Sewer Meters			150,000								
TOTAL SEWER FACIL	10,000	148,000	0	0	0	0	0	0	0	0	0
CAPITAL REPAIRS & REPLACEMENTS											
SEWER MASTER PLAN-HIGH MAINT											
Opera House-8" Gravity Line											
Sq Creek Embankment											
Intrawest-Phase I Sewer											
Portable Generator/Still Saw											
Aspens Sewer Line Realignment		133,550									
Squaw Peak Rd 2' Sewer Line Replace											
SV Rd 10" Sewer Main repair											
Tiger Tail Sewer-Design/Construct											
Tiger-Tail 2008											
Sewer Master Plan		50,000	25,000								
Replace Easement Camera											
Replace Easement Ramps											
Mapping Update/GPS Project											
Easement Abatement	16,000	15,000									
Squaw Peak Pipeline Construction											
Lanny Lane Sewer Replacement											
Replace 12" Valves SV Interceptor at MH T-42											
SV Road W36-W38 Pipeline Repair			125,000								
Sq Loop/Crk View/Sierra Crst/Wndg Crk repairs	26,000	26,000	180,000								
Navajo/Sandy Sq Crk Repairs			25,000	200,000							
Sandy/Hdn Lk/Gr Chief/Christy/Chamonix repairs				25,000	230,000						
SV Rd/Sq Loop/Sq Pk Repairs						140,000					
SV Road T17-19 & W7-W7A						25,000	125,000	125,000	125,000	125,000	125,000
SSMP Audit/Update		7,500									
Replaced Sewer Cleaner											
Bypass Crossing		25,000	50,000								
TOTAL SEWER Repair Replace	42,000	257,050	355,000	225,000	255,000	165,000	125,000	125,000	125,000	125,000	125,000
Half Value of Share Costs	64,625	81,500	79,500	22,500	18,500	7,500	52,500	11,500	32,500	2,500	2,500
Total Sewer Costs	116,625	486,550	434,500	247,500	273,500	172,500	177,500	136,500	157,500	127,500	127,500
IMPROVEMENTS (NEW CONSTRUCTION)											
SEWER Projects for I & I											
I & I Needs Assessment											
Flow Mtr-Winding Creek Siphon											
Flow Mtr-Trails End Ct.											
Flow Mtr-T5A Design to Sewer											
Camera Pan n Tilt											
Replace Rupp Pump											
TOTAL I & I SPEC PROJ	0	0	0	0	0	0	0	0	0	0	0
REPAIRS & REPLACEMENTS (I&I)											
In-House I & I (smoke testing & minor repairs)	40,943	46,269	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
TV Lines - 1/2 Contract - 1/2 repairs	44,000	55,000	44,000	30,000	15,000	150,000	15,000	15,000	15,000	15,000	15,000
Squaw Peak Way-8" Line				70,500							
Tiger Tail Sewer Repair											
Repairs T-26-T27,T31-T32,T34A-T34											
Replace 20 Manhole Lids/Replace T-18				64,500							
Papoose Area-Line Replace-may be done by developer											
Sewer TV Inspection			20,000								
Sewer Bypass Equipment											
TOTAL I&I REPAIRS	84,943	101,269	94,000	195,000	45,000	180,000	45,000	45,000	45,000	45,000	45,000
TOTAL I & I	84,943	101,269	94,000	195,000	45,000	180,000	45,000	45,000	45,000	45,000	45,000

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BLDG. & GROUNDS											
1) Admin Bldg-1810 SV Rd											
Modular Furniture											
Crew room furniture/counter tops											
2) Sealing parking lot-west		8,000									
Archive Files											
Records Management											
Replace Main Breaker-Existing Dist Off											
Landscape/Painting Modifications		8,000									
Remodel Existing Facilities											
West Facilities-Carpet 13-14	6,500	6,500									
West Facilities-Replace Heating unit											
FD/Amin - Propane Shed											
East Property Commissioning-1/2											
East Facility Roof Repair											
East Prop-Master Key & Security											
East Prop-Heat System Modifications											
East Prop-Parking Lot Seal/Paving	8,000										
East Prop - Parking/LED Lighting	13,750										
Bike Trail Snow Removal											
TOTAL BLDG/GRNDS	28,250	22,500	0	0	0	0	0	0	0	0	0
VEHICLES											
Loader							100,000				
Ride control/Hydro Forks											
Snow blower for Loader 1/2 cost											
Replace Dist Veh/Explorer			30,000								
New 1/2 Ton Truck											
TV Trailer											
2003 Service Truck replace	32,000										
Flatbed Truck											
Additional 3/4 Ton Truck					32,000						
Dump Truck											
Jet Rodder											
Replace F-250 Utility				30,000							
Replace Ford Ranger		27,000									
Replace Backhoe			90,000								
Vac-Con Engine Retrofit						10,000					
TOTAL VEHICLES	32,000	27,000	120,000	30,000	32,000	10,000	100,000	0	0	0	0
MAJOR EQUIPMENT											
Wacker											
Replace Base & Portable Radios											
New Handheld Radios											
Pipe Locators											
Replace 50 KW Generator											
Replace 1810 Generator								60,000			
Telemetry Design/Replacmt/Upgrade											
Electric Eel											
Water Audit & Meter Testing Equipment											
Snow Chains for Loader/Backhoe											
Snow Blower-West Facility											
GPS Equipment/Aerial /GPS Mapping											
Smoke Test Machine											
Tarp Dump truck											
Confined Space/Fall Protection/Shoring		6,500									
Trailer Mounted Welder											
Replace Honda Truck											
Vac-Con Tool Box & tools	5,000										
1998 JD Air Compressor								18,000			
Air Quality Mobile Equip Permits											
Towable Air Compressor				10,000							
Trimble GPS	9,000										
TOTAL MAJOR EQUIP	14,000	6,500	0	10,000	0	0	0	18,000	60,000	0	0
OFFICE EQUIPMENT											
Off Equip Master Plan/Office Computer	19,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Upgrade Microsoft Office Software											
Maintenance Computer											
Maintenance Software-											
Laptop computer											
Laser Printer/Internet-Web											
Acctg Software Upgrade for Backflow											
Acctg Software upgrades											
Maint Old SCADA Upgrade		50,000	25,000								
Replace Copier		12,000									
IT Master Plan/Web Development Upgrade	6,000	10,000	9,000								
Network System-1/2 FD											
VueWorks Software	30,000	30,000									
TOTAL OFF EQUIP	55,000	107,000	39,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
TOTAL SHARED COSTS	129,250	163,000	159,000	45,000	37,000	15,000	105,000	23,000	65,000	5,000	5,000

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GARBAGE FACILITY											
Garbage Security Gate/Fence											
IT Master Plan		5,000									
New Facility - Design/Construction			30,000								
	0	5,000	30,000	0	0	0	0	0	0	0	0
MUTUAL WATER CO											
General Evaluation/Acquisition											
Mutual Intertie	10,000	5,000									
	10,000	5,000	0	0	0	0	0	0	0	0	0
WATER											
Water Treatment Facility (New)											
Preliminary Design											
Final Design, CEQA											
Total Water Treatment Facil	0	0	0	0	0	0	0	0	0	0	0
PARK ACQUISITION											
Restroom Facilities											
Maint Equipment											
Bike Trail Snow Removal	74,500	109,000									
Loader											
	74,500	109,000	0	0	0	0	0	0	0	0	0
Utility Dept Property											
3) Property Acquisition & Development											
A) Master Plan											
B) Construction Plans-2yrs.											
C) Construction (construction loan 2.0 M)											
LONG TERM DEBT RETIREMENT											
Water Loan Principal											
Property Loan-Principal & Interest											
Construction Loan											
TOTAL LONG TERM DEBT	0	0	0	0	0	0	0	0	0	0	0
TOTAL CAPITAL EXPENDITURES	500,193	1,063,319	876,000	762,500	457,000	1,460,000	275,000	193,000	235,000	175,000	175,000

Capital Revenue Projection

CAPITAL PROJECT	09/10 WATER	09/10 SEWER	10/11 WATER	10/11 SEWER	11/12 WATER	11/12 SEWER	12/13 WATER	12/13 SEWER	13/14 WATER	13/14 SEWER	14/15 WATER	14/15 SEWER
Funitel/Children's World												
Resort-Spa Expansion												
Resort-Restaurant Remodel												
Sq Vly Lodge 40 Units/spa												
IntraWest												
Opera House Remodel												
Tav Inn-22 Condos												
Resort @Sq Crk-250 Rm Hotel												
SVInn-Hotel 24 units/60 Bdrms												
Phase III Squaw Creek Estates												
Poulsen-Shop Ctr-20000sf												
Oly Vlg Inn-180 rm hotel												
Poulsen-300 rm Hotel+s.f.												
Poulsen-100 rm Hotel+s.f.												
Sq Tahoe-30 unit Condo												
Poulsen-New Granite Chief Bldg												
Intrawest-Preferred Parking												
Intrawest-Commercial Shops												
Placer-SV Park												
Dempsey-Irrigation												
Residential Permits	3	3	3	3	3	3	3	3	3	3	3	3
** SVPSD Permits/yr	\$134,540	\$12,213	\$25,242	\$3,633	\$25,242	\$3,633	\$25,242	\$3,633	\$25,242	\$3,633	\$25,242	\$3,633
Mutual 1 New/yr				1211		1211		1211		1211		1211
Remodels/Addtns				875		875		875		875		875
Resort @ Sq Crk-settlement												
TOTAL REVENUE	\$134,540	\$12,213	\$25,242	\$5,719	\$25,242	\$5,719	\$25,242	\$5,719	\$25,242	\$5,719	\$25,242	\$5,719
REVENUE ALLOCATION-To 10-Yr Estimate of Revenue Requirements												
Water Loan-34.5%												
Water Connection-65.5%	134,540		25,242		25,242		25,242		25,242		25,242	
Sewer Connection-40%		5,950		2,288		2,288		2,288		2,288		2,288
I & I Fees-60%		6,263		3,431		3,431		3,431		3,431		3,431
**Increase in permits=10/yr												
Fire Protection Fee Projection												
IntraWest												
SVInn-Hotel 24 units/60 Bdrms												
Resort @Sq Crk-250 Rm Hotel												
Residentials(5/yr w/3br.	20,113		4,500		7,500		7,500		7,500		7,500	
Mutual 1-3br/yr					1,500		1,500		1,500		1,500	
	20,113	0	4,500	0	9,000	0	9,000	0	9,000	0	9,000	0