

# Tahoe City Public Utility District

## Five Year Capital Plan

2018 through 2022



**Tahoe City  
Public Utility District**

**Tahoe City Public Utility District Five Year Capital Plan  
District Combined By Departments  
2018 Through 2022**

<u>District Total</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>5 Yr. Total</u>
Water	\$ 10,829,342	\$ 9,899,670	\$ 6,062,321	\$ 3,385,321	\$ 3,171,812	\$ 33,348,466
Sewer	1,929,819	1,548,455	2,188,280	1,650,000	1,650,000	8,966,554
Parks	4,653,269	674,875	1,746,000	1,363,000	1,154,000	9,591,144
G & AS	515,000	2,512,000	2,012,000	93,000	92,000	5,224,000
GIS	10,000	-	-	-	-	10,000
Vehicles	505,000	526,000	273,000	151,000	15,000	1,470,000
<b>Total Capital</b>	<b>18,442,430</b>	<b>15,161,000</b>	<b>12,281,601</b>	<b>6,642,321</b>	<b>6,082,812</b>	<b>58,610,164</b>
 <u>Capital Grants</u>						
Parks	1,797,089	60,500	1,202,000	1,100,000	1,100,000	5,259,589
Water	304,789			-	-	304,789
<b>Total Grant Funded</b>	<b>2,101,878</b>	<b>60,500</b>	<b>1,202,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>5,564,378</b>
						<b>\$0</b>
<b>Net District Funded Capital</b>	<b>\$ 16,340,552</b>	<b>\$ 15,100,500</b>	<b>\$ 11,079,601</b>	<b>\$ 5,542,321</b>	<b>\$ 4,982,812</b>	<b>\$ 53,045,786</b>

*For detailed capital budget information go to the following pages in this section*

Water Capital	2018 Budget		2019		2020		2021		2022		2018 - 2022 Project Subtotal
	Project Phase	Project Budget	Project Phase	Project Budget	Project Phase	Project Budget	Project Phase	Project Budget	Project Phase	Project Budget	
<b>ENGINEERING PROJECTS</b>											
Public Projects Relocations/Upgrades (EIP)	P&D/CONST	\$ 7,200	P&D/CONST	\$ -	P&D/CONST	\$ -	P&D/CONST	\$ -	P&D/CONST	\$ -	\$ 7,200
West Lake Tahoe Regional Water Treatment Plant	P&D/CONST	\$ 648,000	P&D/CONST	\$ 6,866,892	CONST	\$ 2,846,715					\$ 10,361,607
Bunker Water Tank Replacement	CONST	\$ 2,906,458	CONST	\$ 10,000							\$ 2,916,458
TC Main Emergency Water Supply Project	P&D	\$ -	P&D	\$ 46,375	CONST	\$ 706,641					\$ 753,016
Tahoe Cedars Water System Interconnection	P&D/CONST	\$ 1,241,541	CONST	\$ 121,561							\$ 1,363,102
Madden Creek Water System Interconnection / Ellis to Lagoon WLR	P&D/CONST	\$ 517,232	P&D/CONST	\$ 561,382	CONST	\$ 54,589					\$ 1,133,203
Mid-Sierra Water Systems Metering Project	P&D	\$ 394,211	CONST	\$ 1,600,033	CONST	\$ 1,066,688					\$ 3,060,932
Highlands Easements Service Line Replacements (Polybutylene)	P&D	\$ 80,064	CONST	\$ 383,640							\$ 463,704
Mid-Sierra Water Systems Acquisition	PURCH	\$ 4,600,000									
The Drive WLR			P&D	\$ 65,240	CONST	\$ 384,916					\$ 450,156
Rubicon Water System Transmission Improvements			P&D	\$ 59,000	P&D	\$ 641,625	CONST	\$ 2,175,625	CONST	\$ 2,175,625	\$ 5,051,875
Rubicon Tank No. 1 Water Feed Line Replacement					P&D	\$ 33,000	CONST	\$ 177,000			\$ 210,000
Lower Meeks Bay PRV					P&D/CONST	\$ 70,000					\$ 70,000
Moana Circle WLR					P&D	\$ 72,000	CONST	\$ 424,800			\$ 496,800
Dardanelles WLR					P&D	\$ 48,600	CONST	\$ 286,740			\$ 335,340
Water System Master Metering					Prelim/P&D	\$ 40,000	CONST	\$ 250,000			\$ 290,000
Tahoe City Main Source & Storage Augmentation Projects							PRELIM	\$ 71,156	P&D	\$ 996,187	\$ 1,067,343
											\$ -
		\$ 10,394,705		\$ 9,714,123		\$ 5,964,774		\$ 3,385,321		\$ 3,171,812	\$ 28,030,736
<b>OPERATIONAL PROJECTS</b>											
Tahoe City Main Production Meter Replacements	CONST	\$ 8,000									\$ 8,000
Large Commercial/Domestic Meter Replacement Program	CONST	\$ 43,947	CONST	\$ 35,547	CONST	\$ 35,547					\$ 115,041
Lake Forest Water System - Abandon Existing LFWC Facilities	CONST	\$ 15,000									\$ 15,000
Cedar Point Condo Water Service Line Replacements	CONST	\$ 40,690									\$ 40,690
Rubicon Tank No.2 Exterior Recoating	CONST	\$ 75,000									\$ 75,000
Water Leak Correlator	PURCH	\$ 22,000									\$ 22,000
Lower Highlands Tank Interior Recoating (w/ Ladder Modifications)	CONST	\$ 230,000									\$ 230,000
Lower Highlands Tank Exterior Recoating			CONST	\$ 100,000							\$ 100,000
Four Seasons Tank Exterior Coating			CONST	\$ 50,000							\$ 50,000
Riley Springs Vault Rehabilitation					CONST	\$ 62,000					\$ 62,000
											\$ -
		\$ 434,637		\$ 185,547		\$ 97,547		\$ -		\$ -	\$ 717,731
<b>GRAND TOTAL EXPENDITURE</b>	<b>2018</b>	<b>\$ 10,829,342</b>	<b>2019</b>	<b>\$ 9,899,670</b>	<b>2020</b>	<b>\$ 6,062,321</b>	<b>2021</b>	<b>\$ 3,385,321</b>	<b>2022</b>	<b>\$ 3,171,812</b>	<b>\$ 28,748,467</b>
<b>TOTAL GRANT REIMBURSEMENTS</b>		<b>\$ 304,789</b>		<b>\$ -</b>		<b>\$ -</b>		<b>\$ -</b>		<b>\$ -</b>	<b>\$ 304,789</b>
<b>NET TOTAL EXPENDITURE</b>		<b>\$ 10,524,553</b>		<b>\$ 9,899,670</b>		<b>\$ 6,062,321</b>		<b>\$ 3,385,321</b>		<b>\$ 3,171,812</b>	<b>\$ 33,043,678</b>

SEWER CAPITAL		2018 Budget		2019		2020		2021		2022		2018 - 2022 Project Subtotal
		Project Phase	Project Budget	Project Phase	Project Budget	Project Phase	Project Budget	Project Phase	Project Budget	Project Phase	Project Budget	
<b>ENGINEERING PROJECTS</b>												
	Line Replacement/Sliplining	P&D/CONST		P&D/CONST		P&D/CONST		P&D/CONST		P&D/CONST		
	Manhole Rehabilitation	P&D/CONST	\$ 50,000	P&D/CONST	\$ 50,000	P&D/CONST	\$ 50,000	P&D/CONST	\$ 50,000	P&D/CONST	\$ 50,000	\$ 250,000
	Lateral Repairs	P&D/CONST		P&D/CONST		P&D/CONST		P&D/CONST		P&D/CONST		
	Public Projects Relocations/Upgrades (EIP)	P&D/CONST	\$ 54,600	P&D/CONST	\$ -	P&D/CONST	\$ -	P&D/CONST	\$ -	P&D/CONST	\$ -	\$ 54,600
	WS Export Truckee River Crossing Repair	CONST	\$ 24,761	CONST	\$ 950							\$ 25,711
	Tahoe City Residential Sewer System Rehabilitation	CONST	\$ 15,000									\$ 15,000
	Tahoe City Residential Sewer System Rehab - Phase 3	P&D/CONST	\$ 263,548									\$ 263,548
	John Cain (Talmont) Sewer Replacement Project	CONST	\$ 195,970									\$ 195,970
	Dollar 1 (Edgewater) Backup Power	CONST	\$ 238,224									\$ 238,224
	CA FLAP SR89 - Fanny Bridge - Sewer Relocations	CONST	\$ 160,750									\$ 160,750
	CA FLAP SR89 - Fanny Bridge - JSF Relocation	CONST	\$ 2,500									\$ 2,500
	Glenridge Sewer Pump Station Generator Building	P&D/CONST	\$ 350,160									\$ 350,160
	Dollar/Edgewater Lakefront SLR	P&D	\$ 158,931	CONST	\$ 577,200							\$ 736,131
	Emergency Bypass Facilities (Pump Stations & Force Mains)	P&D	\$ 81,375	CONST	\$ 437,875							\$ 519,250
	McKinner Sewer Pump Station - WLTRWTP Modifications			CONST	\$ 176,270							\$ 176,270
	Satellite Pump Station Overflow Wet Wells			P&D	\$ 79,560	CONST	\$ 361,080					\$ 440,640
	Metering Manholes			P&D	\$ 75,600	CONST	\$ 637,200					\$ 712,800
	West Shore H2S Control Facilities					P&D/CONST	\$ 40,000					\$ 40,000
	Projects as Defined by Future Sewer Master Plan					CONST	\$ 1,000,000	CONST	\$ 1,500,000	CONST	\$ 1,500,000	\$ 4,000,000
												\$ -
	<b>SUBTOTAL</b>		<b>\$ 1,595,819</b>		<b>\$ 1,397,455</b>		<b>\$ 2,088,280</b>		<b>\$ 1,550,000</b>		<b>\$ 1,550,000</b>	<b>\$ 8,181,554</b>
<b>OPERATIONAL PROJECTS</b>												
	Pump Station Flow Meters & Bypass Ports	CONST	\$ 23,000									\$ 23,000
	Satellite Pump Station Controls	CONST	\$ 55,000									\$ 55,000
	Transfer Switch Replacement	P&D/CONST	\$ 51,000	P&D/CONST	\$ 51,000							\$ 102,000
	Spare Pumps	PURCH	\$ 75,000									\$ 75,000
	Bypass Trailer	PURCH	\$ 15,000									\$ 15,000
	Easement Line Cleaning Machine	PURCH	\$ 50,000									\$ 50,000
	Lonely Gulch Pump Station Generator Replacement	PURCH	\$ 35,000									\$ 35,000
	Highway 89 Pump Station Generator Replacement	PURCH	\$ 20,000									\$ 20,000
	Portable Sewer Flow Meters	PURCH	\$ 10,000									\$ 10,000
	Equipment or Facility Replacement/Upgrades			CONST	\$ 100,000	CONST	\$ 100,000	CONST	\$ 100,000	CONST	\$ 100,000	\$ 400,000
	<b>SUBTOTAL</b>		<b>\$ 334,000</b>		<b>\$ 151,000</b>		<b>\$ 100,000</b>		<b>\$ 100,000</b>		<b>\$ 100,000</b>	<b>\$ 785,000</b>
	<b>GRAND TOTAL EXPENDITURES</b>	<b>2018</b>	<b>\$ 1,929,819</b>	<b>2019</b>	<b>\$ 1,548,455</b>	<b>2020</b>	<b>\$ 2,188,280</b>	<b>2021</b>	<b>\$ 1,650,000</b>	<b>2021</b>	<b>\$ 1,650,000</b>	<b>\$ 8,966,554</b>

PARKS & RECREATION 5-YEAR CAPITAL BUDGET	2018			2019			2020			2021			2022			2018-22 Projection
	Project Budget			Project Budget			Project Budget			Project Budget			Project Budget			
	District Funded	Outside Funding Secured	Outside Funding Not Secured	District Funded	Outside Funding Secured	Outside Funding Not Secured	District Funded	Outside Funding Secured	Outside Funding Not Secured	District Funded	Outside Funding Secured	Outside Funding Not Secured	District Funded	Outside Funding Secured	Outside Funding Not Secured	
<b>DISTRICT OWNED FACILITIES AND EQUIPMENT</b>																
ADMIN BUILDING - 221 Fairway	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270,000
Admin Parking Lot Overlay							\$ 80,000									\$ 80,000
Admin New Roof										\$ 50,000						\$ 50,000
Admin Boiler Replacement										\$ 85,000						\$ 85,000
Admin Stairway Replacement	\$ 45,000															\$ 45,000
ADA Pathway	\$ 10,000															\$ 10,000
<b>BELLS LANDING</b>	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,000
Stairway Improvements									\$ 12,000							\$ 12,000
Retaining Wall Repair	\$ 5,000															\$ 5,000
Retaining Wall Repair	\$ 35,000															\$ 35,000
<b>BIKE TRAILS</b>	\$ 317,332	\$ 1,631,089	\$ -	\$ 111,875	\$ -	\$ -	\$ -	\$ -	\$ 1,100,000	\$ 10,000	\$ -	\$ 1,100,000	\$ -	\$ -	\$ 1,100,000	\$ 4,270,296
Truckee River Trail Pavement Rehab	\$ 24,231			\$ 36,875												\$ 61,106
Truckee River Trail Pavement Rehab	\$ 111,101	\$ 1,621,089														\$ 1,732,190
Homewood Bike Trail	\$ 22,000															\$ 22,000
Replace River Ranch Chute Wall/Grade				\$ 75,000												\$ 75,000
Sugar Pine to Meeks Bay	\$ 150,000															\$ 150,000
West Shore Bike Trail Rehab									\$ 1,100,000		\$ 1,100,000				\$ 1,100,000	\$ 2,200,000
Truckee River Trail Interpretive Sign Replace	\$ 10,000	\$ 10,000														\$ 20,000
Lakeside Trail 5-7 Wood Plank Repairs									\$ 10,000							\$ 10,000
<b>FAIRWAY COMMUNITY CENTER</b>	\$ 25,000	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000
Hung Ceiling Removal				\$ 15,000												\$ 15,000
Parking Lot Lighting/replace posts				\$ 25,000												\$ 25,000
Parking Lot Overlay							\$ 30,000									\$ 30,000
ADA Improvements	\$ 25,000															\$ 25,000
<b>GOLF COURSE</b>	\$ 1,510,577	\$ -	\$ -	\$ 254,000	\$ -	\$ -	\$ 54,000	\$ -	\$ -	\$ 54,000	\$ -	\$ -	\$ 54,000	\$ -	\$ -	\$ 1,872,577
Irrigation Transmission Line	\$ 10,000															\$ 10,000
Golf Course Capital	\$ 30,000			\$ 30,000			\$ 30,000			\$ 30,000			\$ 30,000			\$ 120,000
Golf Course BMPs	\$ 54,152															\$ 54,152
Golf Course BMPs	\$ 443,254															\$ 443,254
Drainage Repair Program	\$ 10,000			\$ 10,000			\$ 10,000			\$ 10,000			\$ 10,000			\$ 40,000
Bunker Drainage/Sand	\$ 5,500			\$ 7,000			\$ 7,000			\$ 7,000			\$ 7,000			\$ 26,500
Main Line Drainage Repairs & Rehabilitation Project	\$ 200,000			\$ 200,000												\$ 400,000
TCGVSWP Maint. Facility/Replacement(D)	\$ 128,726															\$ 128,726
TCGVSWP Maint. Facility/Replacement@	\$ 421,445															\$ 421,445
TCGVSWP Lower Parking Improvements	\$ 165,000															\$ 165,000
Practice Netting & Supplies	\$ 10,500															\$ 10,500
Golf Cart Paths	\$ 7,000			\$ 7,000			\$ 7,000			\$ 7,000			\$ 7,000			\$ 28,000
Golf Course Poles/Cables	\$ 25,000															\$ 25,000
<b>KILNER PARK</b>	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000
Playground Replacement				\$ 80,000												\$ 80,000
Restrooms							\$ 100,000									\$ 100,000
<b>EQUIPMENT</b>	\$ 210,571	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 260,571
MultiHog Sweeper	\$ 72,000															\$ 72,000
Misc. Equipment	\$ 45,000															\$ 45,000
Rough Aerator	\$ 28,571															\$ 28,571
Turf Sweeper/Vacuum	\$ 24,000															\$ 24,000
Heavy Duty Utility Vehicle	\$ 25,000															\$ 25,000
Toddler Replacement										\$ 50,000						\$ 50,000
Toddler Implement Replace	\$ 16,000															\$ 16,000
<b>SUB-TOTAL DISTRICT OWNED FACILITIES AND EQUIPMENT EXPENDITURE</b>	\$ 2,158,480	\$ 1,631,089	\$ -	\$ 485,875	\$ -	\$ -	\$ 264,000	\$ -	\$ 1,112,000	\$ 249,000	\$ -	\$ 1,100,000	\$ 54,000	\$ -	\$ 1,100,000	\$ 7,000,444



**Tahoe City Public Utility District**  
**Five Year Capital Plan**  
**Governance & Administrative Support**  
**2018-2022**

Project Description	2018	2019	2020	2021	2022	Total
1 Server Upgrades	\$ -	\$ 12,000	\$ 12,000	\$ 8,000	\$ 15,000	\$ 47,000
2 Customer Relationship Management (CRM) Software				50,000		50,000
3 Upgrade / Change Financial System					65,000	65,000
4 221 Admin Building Improvement Project	500,000	2,500,000	2,000,000			5,000,000
5 Large Format Color Plotter/Copier/Scanner					12,000	12,000
6 Adm. (2) Copiers (1-Color and 1-B/W)				35,000		35,000
7 Board Meeting Webcast System Improvement Project	15,000					
	<u>\$ 515,000</u>	<u>\$ 2,512,000</u>	<u>\$ 2,012,000</u>	<u>\$ 93,000</u>	<u>\$ 92,000</u>	<u>\$ 5,209,000</u>

**Tahoe City Public Utility District**

Five Year Vehicle Capital Plan  
District-Wide Summary  
2018-2022

2018		2019		2020		2021		2022	
Project Description	District Funds	Project Description	District Funds	Project Description	District Funds	Project Description	District Funds	Project Description	District Funds
2002 Case 590 Super M Backhoe, Utilities, Unit 26	170,000	1 2007 Chevy Colorado Parks, Veh# 32	25,000	1 2008 Ford F-350 Fla Liftgate, Park Unit 31	41,000	1 2011 Ford F-250 Utilities, Veh# 6	39,000	1 2002 Towmaster Trailer, Utilities	15,000
Utilities Hydro Cleaning Truck (2016 Item)	165,000	2 2007 Ford Escape Tech Serv. Veh # 5	25,000	2 2012 Ford F-450 Utilities, Veh# 8	115,000	2 2012 Ford F-550 Utilities, Veh# 10	70,000		
2006 Ford F-550, Dump Body, Plow, Parks Veh# 36	75,000	3 1996 Bobcat Skid Steer Parks, Veh# 43	65,000	3 2007 Chevy Silverad Parks, Veh# 37	27,000	3 2009 Chevy 4x4 Van Rec, Veh# 30	42,000		
2008 Ford F-450 Service Body, Boom and Liftgate Utilities Veh # 11	95,000	4 2003 Chevy Silverado Utilities, Veh#54	31,000	4 1995 Ford F-800 Du Unit # 60 Parks and Util	90,000				
		5 1998 Chevy TV Van Veh # 22	380,000						
	<u>\$ 505,000</u>		<u>\$ 526,000</u>		<u>\$ 273,000</u>		<u>\$ 151,000</u>		<u>\$ 15,000</u>
<b>Total Five Year</b>	<u><b>\$ 1,470,000</b></u>								

Note: Vehicles described are the items being replaced. Comparable functioning vehicles are being purchased.