



**North Tahoe Public Utility District
Capital Improvement Program
Five Year Focus
Fiscal Year 2009-2010**

Users Guide for the Capital Improvement Program (CIP)

What is a Capital Improvement Program (CIP)?

A planning tool. A Capital Improvement Program (CIP) is a major public infrastructure and planning tool for local government entities such as a special district. The CIP is a statement of the District's policies and financial ability to manage the physical development of the community's wastewater and water infrastructure needs. The development of a five-year CIP provides a systematic plan for providing infrastructure improvements within a prioritized framework.

Five Year Focus. The proposed 2009/10 Five-year CIP for the North Tahoe Public Utility District sets the general schedule for anticipated public improvement projects for the next five years. The proposed projects for 2009/10 include the continuation of several projects which are "in progress" in Fiscal Year 2008/09. These projects were approved when the Board approved the annual budget in July 2008. This document begins with the current year projects which may continue into the next fiscal year and now incorporate the Capital Budget proposed for fiscal year 2009-10.

The remaining four years (2010-11, 2011-12, 2012-13 and 2013-14) represent a schedule and estimate of future project needs in the current planning horizon. Funding may not be secured for each project identified; actual funding for any project is dependent on available funding given projected revenue estimates and/or available grants.

Annual Review of CIP. The CIP is reviewed and revised annually, and at that time an additional year is added to maintain the five year period. During this annual review process, existing project information is adjusted to reflect new or changed information and new projects may be introduced to the CIP.

This preliminary CIP has been discussed by the Development and Planning Committee on a number of occasions. A final CIP is presented to the Board of Directors and the annual funding for the "current year" of the CIP is adopted concurrently with the annual operating budget.

There are several benefits for developing and adopting a Capital Improvement Program. Not only does the CIP become a management tool for the District Board of Directors and staff, a CIP also provides valuable information to Placer County officials, citizens, developers and businesses who are interested in the development of the North Tahoe community. The CIP document will assist in leveraging available resources through improved timing of projects, and coordinating District projects with those of other public or private entities.

Despite the many benefits of capital improvement programming, it is important to highlight the fact that this is a fluid document and guide. Changes can occur for many reasons; revenues can fluctuate as a result of changing economic conditions or shifts in public policy, private economic decisions can affect the timing, scale and location of capital projects, and community objectives are difficult to set and may be altered during the budget process when priorities are often revised.

In summary, a CIP should reflect community assets, needs and goals. A CIP should also provide guidelines for growth and development. The proposed CIP for the North Tahoe Public Utility District takes these objectives into consideration and provides a comprehensive capital improvement picture based upon current financial projections and available funding.

The proposed CIP identifies a number of capital projects which are designed to:

- protect
- preserve
- enhance the District's infrastructure
- extend the useful life of public facilities
- improve upon or enhance the delivery of District water and wastewater service areas

As such, the CIP principally focuses on the next five years (FY 2009-10 to FY 2013-14). The CIP document includes a longer time horizon for some projects for several reasons. First, a long term planning horizon is necessary due the length of time required to complete the planning, analysis, engineering and permitting process for major infrastructure projects. Second, long term planning is a recognition of the capital intensive nature of water and sewer infrastructure replacement projects which can require time to develop appropriate funding mechanisms.

Changes to CIP from 2008-2009

The District continues to refine the CIP document with minor formatting changes such as splitting out erosion control projects under Fund 19. The document indicates completed projects by specifying "release" under the "Carryover" column. This indicates funds for the project will be released back into the appropriate reserve fund following project completion.

**Capital Improvement Projects
Estimated Fiscal Year Expenditures**

FUND 18 - FACILITIES

Project Description	Carryover	New for FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Base Facilities Site Design		\$ 50,000					\$ 50,000
Base Generator Project					\$ 120,000		\$ 120,000
Totals		\$ 50,000			\$ 120,000		\$ 170,000

Project Title: Base Facilities Site Design
Project Manager: Curtis Aaron/Tom Goebel
Project Priority:
Project Status: New Project

Project Description:
 Design an office building to house District operations, recreation, engineering and administrative staff.

Justification or Significance of Improvement:
 Necessary to replace outdated buildings.

Vicinity Map/Location:



Project Costs

	Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Administration	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -		\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Construction	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Costs	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Project Costs	\$ -		\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Funding Source(s):								
FUND 18 - FACILITIES	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Project Title: Base Generator Project
Project Manager: Tom Goebel
Project Priority:
Project Status: New Project
Project Description:
 Installation of a permanent emergency power generator for the District's main office and operations buildings.

Vicinity Map/Location:
 Applies to the entire sewer collection system.

Justification or Significance of Improvement:
 This project will allow the District functions to continue during power outages. It is necessary for emergency operations.

Project Costs

Budget FY	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
08/09							
Administration							\$ -
Design							\$ -
Construction					\$ 120,000		\$ 120,000
Other Costs							\$ -
Total Project Costs					\$ 120,000		\$ 120,000
Funding Source(s):							
FUND 18 - FACILITIES							
					\$ 120,000		\$ 120,000

**Capital Improvement Projects
Estimated Fiscal Year Expenditures**

RECREATION CONSTRUCTION FUND 49

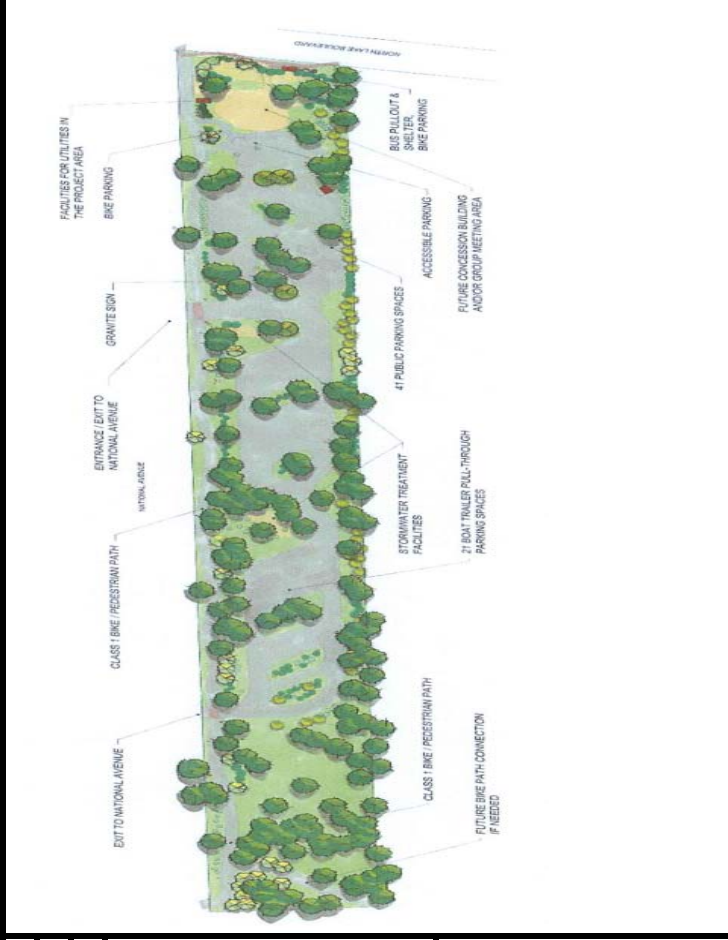
Project Description	Budget FY 08/09	Carryover	New for FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
TVRA Phase 2		Carryover	\$ 300,000	\$ 2,900,000			
Regional Trail		Carryover	\$ 200,000	\$ 750,000		\$ 9,316,000	
Ballfield #5				\$ 120,000			
Playground Equipment					\$ 300,000		
Regional Park Track						\$ 750,000	
Totals	\$ -	\$ -	\$ 500,000	\$ 3,770,000	\$ 300,000	\$ 10,066,000	

Project Title:	TVRA Phase 2
Project Manager:	Kathy Long
Project Priority	
Project Status:	Approved Project Carried Over

Project Description:
 2009/2010: Dredging and courtesy dock and design completion for parking
 2010/2011: Construction of Parking Area

Justification or Significance of Improvement:
 Second phase of TVRA Park Improvements

Vicinity Map/Photo:

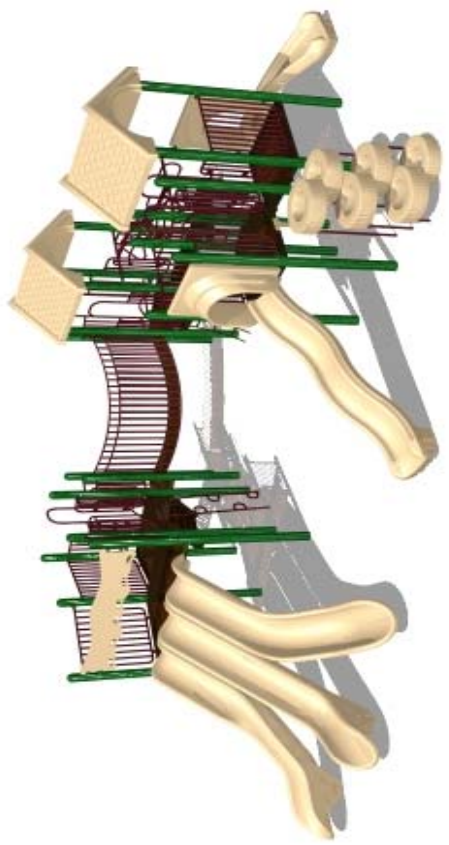


Project Costs

	Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Administration	\$ -							
Design		\$ -						
Construction	\$ -	\$ 300,000	\$ 300,000	\$ 2,900,000				\$ 3,200,000
Other Costs	\$ -							
Total Project Costs	\$ -	\$ 300,000	\$ 300,000	\$ 2,900,000	\$ -	\$ -	\$ -	\$ 3,200,000
Funding Source(s):								
Fund 49	\$ -	\$ 300,000	\$ 300,000	\$ 2,900,000	\$ -	\$ -	\$ -	\$ 3,200,000

Project Title:	Regional Trail	Vicinity Map/Photo:
Project Manager:	Kathy Long	
Project Priority		
Project Status:	New Project	
Project Description:	Planning, design, and development of a Class I trail from Dollar Hill to Regional Park, 9 miles.	
Justification or Significance of Improvement:		
California Tahoe Conservancy, Tahoe Regional Planning Agency, United States Forest Service, and North Lake Tahoe Resort Association are encouraging and/or funding this project design and construction.		

Project Costs								
Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total	
		\$ 200,000	\$ 75,000				\$ 275,000	
Administration			\$ 675,000		\$ 9,316,000		\$ 9,991,000	
Design								
Construction								
Other Costs								
Total Project Costs		\$ 200,000	\$ 750,000		\$ 9,316,000		\$ 10,266,000	
Funding Source(s):								
Fund 49 Recreation Const.		\$ 200,000	\$ 750,000		\$ 9,316,000		\$ 10,266,000	

Project Title:	Playground Equipment for Regional Park	Vicinity Map/Photo:
Project Manager:	Kathy Long	
Project Priority		
Project Status:	New Project	
Project Description:	Replace or install new playground equipment in the regional park. It is anticipated that equipment for two age groups will be installed.	
Justification or Significance of Improvement: Necessary to replace equipment removed.		

Project Costs								
Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total	
			\$ 25,000				\$ 25,000	
Administration			\$ 275,000					
Design								
Construction			\$ 300,000				\$ 300,000	
Other Costs								
Total Project Costs			\$ 300,000				\$ 300,000	
Funding Source(s):								
			\$ 300,000				\$ 300,000	
Fund 49 Recreation Const.								

Project Title:	Regional Park Track
Project Manager:	Kathy Long
Project Priority	
Project Status:	New Project

Project Description:
 Complete track installation around Regional Park Soccer Field.

Justification or Significance of Improvement:

Vicinity Map/Photo:



Project Costs

Budget FY	08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Administration								
Design				\$ 75,000				\$ 75,000
Construction				\$ 675,000				\$ 675,000
Other Costs								
Total Project Costs				\$ 750,000				\$ 750,000
Funding Source(s):								
Fund 49 Recreation Const.				\$ 750,000				\$ 750,000

**Capital Improvement Projects
Estimated Fiscal Year Expenditures**

FUND 29 - SEWER CONSTRUCTION

Project Description	Budget FY 08/09	Carryover or Release	New for FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Pump Station Master Plan	\$ 293,227	Carryover					
Pump Station Valve Replacements	\$ 250,000	Carryover					
Floor Grouting at Main Stations	\$ 85,000	Carryover					
VFD Installation at Secline Avenue Lift Station	\$ 15,000	Carryover					
Pump Station Improvements Phase I**	\$ 350,000	Carryover	\$ 792,000				
Pump Station Improvements Phase 2**				\$ 430,000	\$ 688,000		
Update Sewer Master Plan	\$ 210,000	Carryover					
Carnelian Force Main Valve Project	\$ 279,782	Carryover					
2010 Sewer Main Replacement Project			\$ 500,000	\$ 1,000,000			
2012 Sewer Main Replacement Project					\$ 500,000	\$ 1,000,000	
2014 Sewer Main Replacement Project							\$ 500,000
Totals	\$ 1,483,009		\$ 1,292,000	\$ 1,430,000	\$ 1,188,000	\$ 1,000,000	\$ 500,000

Project Title:	Pump Station Master Plan
Project Manager:	Coral Taylor
Project Priority	
Project Status:	Approved Project Carried Over 90% Complete

Project Description:
 Prepare a master plan for the four main sewer pump stations. This document will serve as the basis for all future modifications to the pump stations. It will consider redundancy, vulnerability assessment, code compliance, modernization, energy efficiency and current condition assessment.

Justification or Significance of Improvement:
 The goal of this project is to determine if downsizing or major modifications to the lift stations are necessary to system improvements. The improvements may be in energy efficiencies, risk reductions, or long term operations and maintenance costs.

Vicinity Map/Photo:



Project Costs

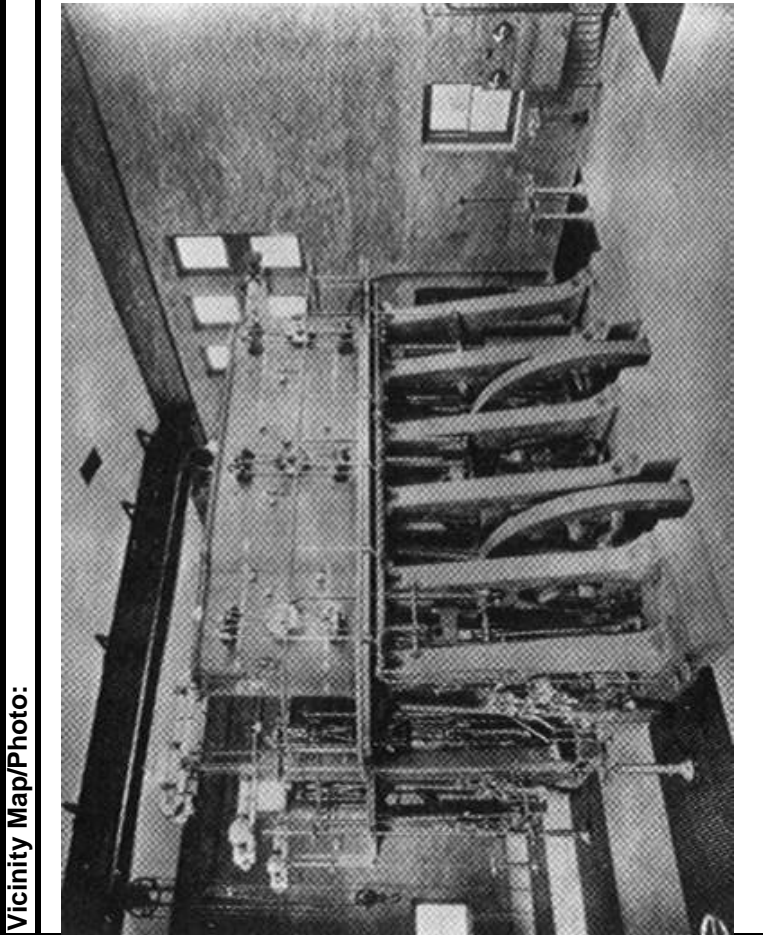
	Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Administration								
Design	\$ 293,227	Carryover						\$ 293,227
Construction								
Other Costs								
Total Project Costs	\$ 293,227							\$ 293,227
Funding Source(s):								
Fund 29 Sewer Const.	\$ 293,227							\$ 293,227

Project Title:	Pump Station Valve Replacements	Vicinity Map/Photo:
Project Manager:	Tom Goebel/Coral Taylor	Applies to the four main sewer pump stations.
Project Priority		
Project Status:	Approved Project Carried Over 5% Complete	
Project Description:	Repair or replace existing valves at the four main pump stations. This project is a result of field work and condition assessment from the Pump Station Master Plan.	
Justification or Significance of Improvement:	The proper operation of existing pump station valves is important for operations and maintenance.	

Project Costs								
Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total	
Administration								
Design								
Construction	Carryover						\$ 250,000	
Other Costs								
Total Project Costs							\$ 250,000	
Funding Source(s):								
Fund 29 Sewer Const.							\$ 250,000	

Project Title:	Floor Grouting at Main Stations	Vicinity Map/Photo:
Project Manager:	Bob Orr/Tom Goebel	Applies to the four main sewer pump stations.
Project Priority		
Project Status:	Approved Project Carried Over - Not Started	
Project Description:	The four main lift stations are exhibiting increased vibration and movement associated with voids beneath the floor. This project will pressure grout voids beneath the floor.	
Justification or Significance of Improvement:	Reduce vibration on pumps.	

Project Costs								
Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total	
Administration								
Design								
Construction	Carryover						\$ 85,000	
Other Costs								
Total Project Costs							\$ 85,000	
Funding Source(s):								
Fund 29 Sewer Const.							\$ 85,000	



Vicinity Map/Photo:

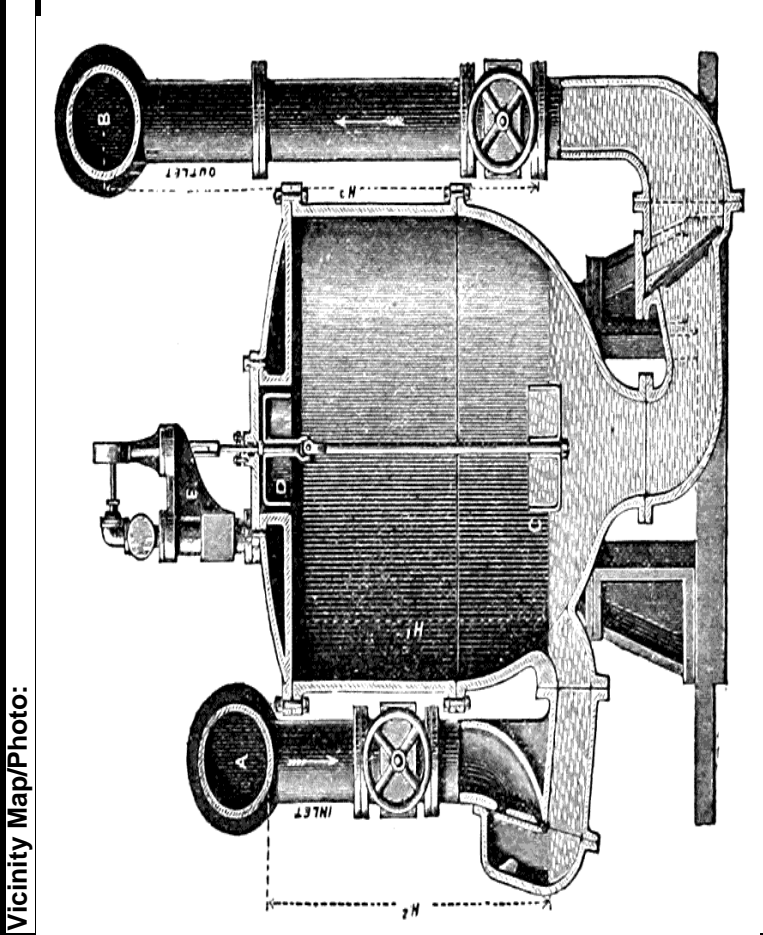
Project Title: Pump Station Improvements-Phase 1
Project Manager: Tom Goebel/Coral Taylor
Project Priority:
Project Status: Carryover Project - Not Started

Project Description:
 This project, along with Pump Station Improvements-Phase 2, consolidates all pump station related projects identified in previous CIP's. The projects will be prioritized following recommendations from the Pump Station Master Plan. Previous projects included the following: Dollar Addition Pump Station Improvements, Dollar Main Generator Installation, Station Pump & Motor Replacement, Upgrade National Generator, Dollar Force Main Inspection-Rehab Project, Main Pump Station Surge Control Project and Force Main Inspection Project. Specific items included within these projects will be presented when priorities are identified.

Justification or Significance of Improvement:
 Increases efficiency of system and reliability.

Project Costs

	Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Administration	\$ 25,000	Carryover	\$ 22,000					\$ 47,000
Design	\$ 85,000	Carryover	\$ 30,000					\$ 115,000
Construction	\$ 240,000	Carryover	\$ 740,000					\$ 980,000
Other Costs								
Total Project Costs	\$ 350,000	Carryover	\$ 792,000					\$ 1,142,000
Funding Source(s):								
Fund 29 Sewer Const.	\$ 350,000		\$ 792,000					\$ 1,142,000



Project Title: Pump Station Improvements-Phase 2
Project Manager: Tom Goebel/Coral Taylor
Project Priority:
Project Status: New Project
Project Description:
 This project, along with Pump Station Improvements-Phase 1, consolidates all pump station related projects identified in previous CIP's. The projects will be prioritized following recommendations from the Pump Station Master Plan.

Justification or Significance of Improvement:
 Increases efficiency of system and reliability.

Vicinity Map/Photo:

Project Costs

	Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Administration				\$ 20,000	\$ 20,000			\$ 40,000
Design				\$ 110,000				\$ 110,000
Construction				\$ 300,000	\$ 668,000			\$ 968,000
Other Costs								
Total Project Costs								\$ 1,118,000
Funding Source(s):								
Fund 29 Sewer Const.			\$ 430,000	\$ 688,000				\$ 1,118,000

Project Title:	Update Sewer Master Plan	Vicinity Map/Photo:
Project Manager:	Tom Goebel	Applies to the entire sewer collection system.
Project Priority:		
Project Status:	Carryover Project approximately 2% complete	
Project Description:	Update the master plan for the sewer collection system. Currently on hold until further information is known regarding USCOE assistance for GIS implementation. GIS implementation may significantly beneficially impact this project.	
Justification or Significance of Improvement:	The current master plan was adopted in 2001. This document should be updated every 5 years, minimum.	

Project Costs								
	Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Administration								
Design	\$ 210,000	Carryover						\$ 210,000
Construction								
Other Costs								
Total Project Costs	\$ 210,000							\$ 210,000
Funding Source(s):								
Fund 29 Sewer Const.	\$ 210,000							\$ 210,000

Project Title: Carnelian Bay Force Main Valve Project

Project Manager: Tom Goebel

Project Priority:

Project Status: Carryover Project approximately 5% complete

Project Description:
 Completes installation of valves on the forcemain between Carnelian Bay Lift Station and Dollar Main Lift Station. This project began in the mid-1980's with installation of valves to facilitate bypass of the forcemain for emergencies or maintenance.

Vicinity Map/Photo:
 Applies to the entire sewer collection system.

Justification or Significance of Improvement:

Project Costs

	Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Administration	\$ -							
Design	\$ 210,000	Carryover						\$ 210,000
Construction	\$ -							
Other Costs	\$ -							
Total Project Costs	\$ 210,000							\$ 210,000
Funding Source(s):								
Fund 29 Sewer Const.	\$ 210,000							\$ 210,000

Project Title:	2010 Sewer Main Replacement Project	Vicinity Map/Photo:
Project Manager:	Tom Goebel	The project area has not been determined.
Project Priority		
Project Status:	New Project	
Project Description:	Replacement of sewer mains in an area to be determined.	
Justification or Significance of Improvement:		
On-going replacement of sewer mains to increase system reliability.		

Project Costs									
Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total		
		\$ 40,000	\$ 30,000				\$ 70,000		
Administration		\$ 100,000					\$ 100,000		
Design		\$ 360,000	\$ 970,000				\$ 1,330,000		
Construction		\$ 500,000	\$ 1,000,000				\$ 1,500,000		
Other Costs									
Total Project Costs									
Funding Source(s):									
Fund 29 Sewer Const.		\$ 500,000	\$ 1,000,000				\$ 1,500,000		

Project Title:	2012 Sewer Main Replacement Project	Vicinity Map/Photo:
Project Manager:	Tom Goebel	The project are has not been determined
Project Priority		
Project Status:	New Project	
Project Description:	Replacement of sewer mains in an area to be determined.	
Justification or Significance of Improvement:		
On-going replacement of sewer mains to increase system reliability.		

Project Costs								
	Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Administration					\$ 40,000	\$ 30,000		\$ 70,000
Design					\$ 100,000			\$ 100,000
Construction					\$ 360,000	\$ 970,000		\$ 1,330,000
Other Costs								
Total Project Costs					\$ 500,000	\$ 1,000,000		\$ 1,500,000
Funding Source(s):								
Fund 29 Sewer Const.					\$ 500,000	\$ 1,000,000		\$ 1,500,000

Project Title:	2014 Sewer Main Replacement Project	Vicinity Map/Photo:	
Project Manager:	Tom Goebel	The project are has not been determined	
Project Priority:			
Project Status:	New Project		
Project Description:	Replacement of sewer mains in an area to be determined.		
Justification or Significance of Improvement:	On-going replacement of sewer mains to increase system reliability.		

Project Costs								
Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total	
Administration						\$ 40,000		
Design						\$ 100,000		
Construction						\$ 360,000		
Other Costs								
Total Project Costs								
Funding Source(s):								
Fund 29 Sewer Const.						\$ 500,000		

**Capital Improvement Projects
Estimated Fiscal Year Expenditures**

FUND 39 - WATER CONSTRUCTION

Project Description	Budget FY 08/09	Carryover or Release	New for FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Fencing at Kingswood West Tank Site	\$ 35,000	Carryover					
New Kings Beach Water Storage (Zone 2)	\$ 1,293,500	Carryover					
Kings Beach Water Storage (Zone 1)	\$ 2,851,385	Carryover					
Update Water Master Plan	\$ -	Carryover					
2009 Water Main Replacement Project							
Kingswood Area	\$ 80,000	Carryover					
Carnelian Bay Area	\$ 20,000	Carryover	\$ 600,000				
Lincoln Green	\$ 40,000	Carryover	\$ 250,000				
2011 Water Main Replacement Project							
				\$ 650,000			
2013 Water Main Replacement Project							
					\$ 500,000	\$ 900,000	
National Avenue Treatment Plant Expansion			\$ 100,000	\$ 500,000			
Totals	\$ 4,319,885		\$ 950,000	\$ 500,000	\$ 650,000	\$ 500,000	\$ 900,000

Project Title:	Fencing at Kingswood
Project Manager:	Tom Goebel
Project Priority	
Project Status:	Carryover Project - 10% Complete

Project Description:
Install chain link security fencing around Kingswood West Tank

Justification or Significance of Improvement:
Increased security is necessary to prevent vandalism and possible terrorist threats.

Vicinity Map/Photo:



	Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Administration								
Design								
Construction	\$ 35,000	Carryover						\$ 35,000
Other Costs								
Total Project Costs	\$ 35,000							\$ 35,000
Funding Source(s):								
Fund 39 Water Const.	\$ 35,000							\$ 35,000

Project Title:	New Kings Beach Water Storage - Zone 2	Vicinity Map/Photo:
Project Manager:	Coral Taylor	
Project Priority		
Project Status:	Carryover Project - 5% Complete	
Project Description:	Install new 500,000 gallon water tank in Zone 2 to replace existing 120,000 gallon water tank.	
Justification or Significance of Improvement:		
Increases storage in system. Increased system redundancy and operating efficiencies.		

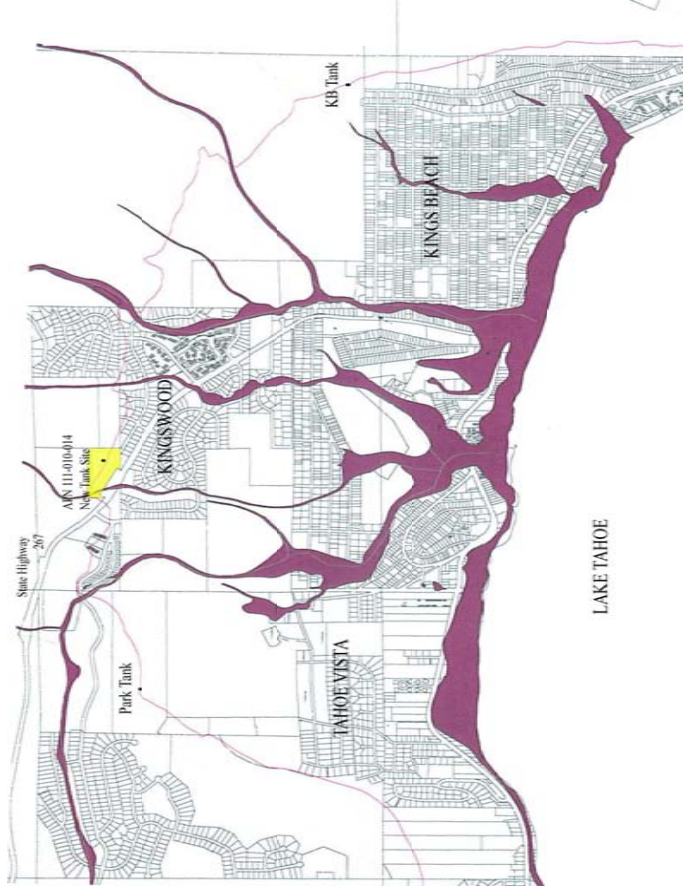
Project Costs									
Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total		
\$ 64,675	Carryover								
\$ 129,350	Carryover								
\$ 1,099,475	Carryover								
	Other Costs								
	Total Project Costs								
	Funding Source(s):								
	Fund 39 Water Const.								
	\$ 1,293,500								

Project Title: New Kings Beach Water Storage - Zone 1
Project Manager: Tom Goebel
Project Priority:
Project Status: Carryover Project - 2% Complete

Project Description:
 Install new 1,300,000 gallon water tank in Zone 1 to help meet storage deficiency in Zone 1.

Justification or Significance of Improvement:
 Increases storage in system. Increased system redundancy and operating efficiencies.

Vicinity Map/Photo:



Project Costs

	Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Administration	\$ 285,139	Carryover						
Design	\$ 285,139	Carryover						
Construction	\$ 2,281,108	Carryover						
Other Costs								
Total Project Costs	\$ 2,851,385							
Funding Source(s):								
Fund 39 Water Const.	\$ 2,851,385							

Project Title:	2009 Water Main Replacement Project	Vicinity Map/Photo:	
Project Manager:	Tom Goebel	Not available.	
Project Priority			
Project Status:	Carryover Project - 20% Complete		
Project Description:	Design and construction for new water main on Lincoln Green. Design for new water mains in the Carnelian Bay area and Kingswood area.		
	2010: Construction of water mains in Carnelian Bay area.		
Justification or Significance of Improvement:	These areas have been a significant source of water leaks.		

Project Costs								
Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total	
\$ 140,000	Carryover						\$ 140,000	
		\$ 850,000					\$ 850,000	
		\$ 850,000					\$ 990,000	
Total Project Costs								
\$ 140,000		\$ 850,000					\$ 990,000	
Funding Source(s):								
Fund 39 Water Const.		\$ 850,000					\$ 990,000	

Project Title:	2011 Water Main Replacement Project	Vicinity Map/Photo:	
Project Manager:	Tom Goebel	Not available.	
Project Priority	A-1		
Project Status:	New Project		
Project Description:	Replacement of water mains in an area to be determined.		
Justification or Significance of Improvement:	On-going replacement of water mains to increase system reliability and reduce leakage.		

Project Costs								
Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total	
			\$ 100,000				\$ 100,000	
Administration			\$ 550,000				\$ 550,000	
Design								
Construction								
Other Costs								
Total Project Costs			\$ 650,000				\$ 650,000	
Funding Source(s):								
Fund 39 Water Const.			\$ 650,000				\$ 650,000	

Project Title:	2013 Water Main Replacement Project	Vicinity Map/Photo:
Project Manager:	Tom Goebel	Not available.
Project Priority	A-1	
Project Status:	New Project	
Project Description:	Replacement of water mains in an area to be determined.	
Justification or Significance of Improvement:	On-going replacement of water mains to increase system reliability and reduce leakage.	

Project Costs								
Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total	
Administration					\$ 200,000		\$ 200,000	
Design					\$ 300,000	\$ 900,000	\$ 1,200,000	
Construction								
Other Costs					\$ 500,000	\$ 900,000	\$ 1,400,000	
Total Project Costs					\$ 500,000	\$ 900,000	\$ 1,400,000	
Funding Source(s):								
Fund 39 Water Const.					\$ 500,000	\$ 900,000	\$ 1,400,000	

Project Title:	National Avenue Treatment Plant Expansion	Vicinity Map/Photo:
Project Manager:	Tom Goebel	Not available.
Project Priority		
Project Status:	New Project	
Project Description:	<p>This project consists of the installation of a third pump in the National Avenue Water Treatment Plant. The pump will be sized in the range of 800 - 1,000 gallons per minute (gpm) to match the existing pump units. The treatment plant's approved treatment capacity will be increased from 1,600 gpm to 2,400 gpm, which requires a Department of Public Health Water Supply Permit Amendment. A treatment validation procedure, expected to be required by DPH, is included within the project budget.</p>	
Justification or Significance of Improvement:	<p>Increased water supply capacity.</p>	

Project Costs								
Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total	
Administration								
Design		\$ 100,000						
Construction			\$ 500,000					
Other Costs								
Total Project Costs		\$ 100,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 600,000	
Funding Source(s):								
Fund 39 Water Const.		\$ 100,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 600,000	

**Capital Improvement Projects
Estimated Fiscal Year Expenditures**

Fund 19 - Erosion Control Fund

Project Description	Budget FY 08/09	Carryover or Release	New for FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Caltrans ECP (SR 28)	\$ 60,000	Carryover					
Brockway ECP Waterline Improvements	\$ 25,000	Carryover	\$ 300,000				
Caltrans Highway 267 ECP			\$ 25,000				
Kings Beach Watershed Improvement Project			\$ 75,000	\$ 250,000			
Totals			\$ 400,000	\$ 250,000			

Project Title:	Caltrans EIP SR 28	Vicinity Map/Photo:
Project Manager:	Tom Goebel	
Project Priority		
Project Status:	Carryover Project	
Project Description:	Relocation of water mains in four locations to avoid installation of sand vaults associated with the Caltrans EIP on SR 28.	
Justification or Significance of Improvement:	This project is required by Caltrans per encroachment permit	

	Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Administration								
Design	\$ 25,000	Carryover						\$ 25,000
Construction	\$ 35,000	Carryover						\$ 35,000
Other Costs								
Total Project Costs	\$ 60,000							\$ 60,000
Funding Source(s):								
Fund 29 Sewer Const.								
Fund 39 Water Const.	\$ 60,000							\$ 60,000

Project Title:	Brockway ECP Sewer/Water Improvements
Project Manager:	Coral Taylor
Project Priority	
Project Status:	Carryover - 5% complete
Project Description:	Replacement of utilities in close proximity to proposed erosion control improvements and relocation of utilities to avoid conflict with proposed improvements.
Justification or Significance of Improvement:	Relocation of some utilities is required due to the improvements proposed as part of the Brockway Erosion Control Project. Additionally, replacement of some District facilities due to their age and close proximity to the proposed improvements is also necessary.

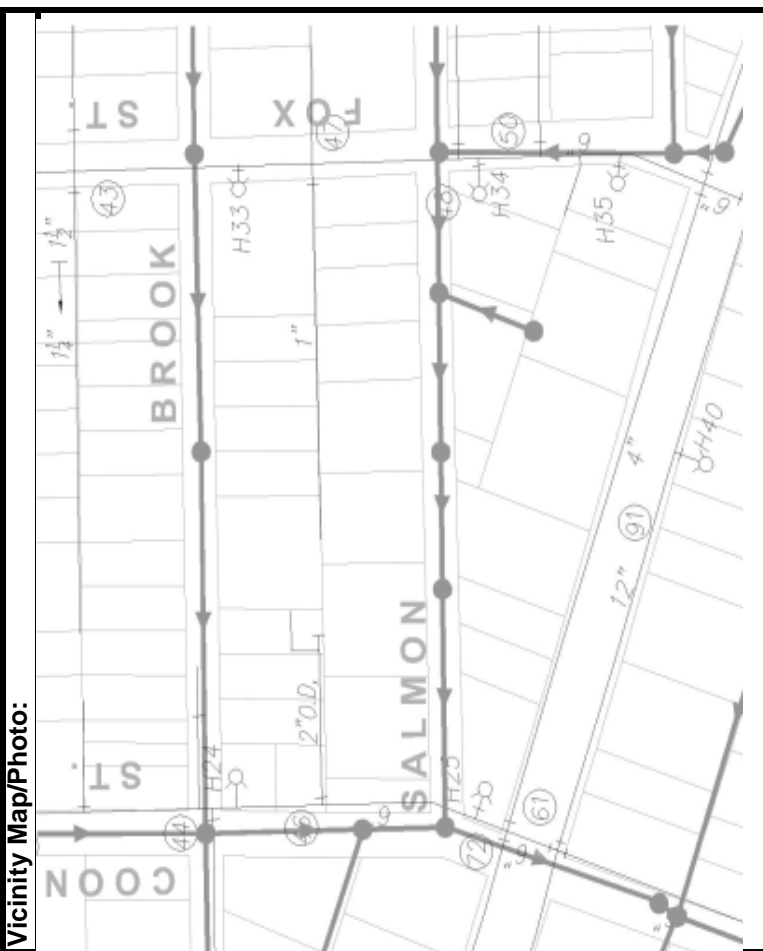
Vicinity Map/Photo:



	Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total				
Administration	\$ 15,000	Carryover	\$ 30,000					\$ 45,000				
Design	\$ 10,000	Carryover	\$ 30,000					\$ 40,000				
Construction			\$ 240,000					\$ 240,000				
Other Costs												
Total Project Costs	\$ 25,000		\$ 300,000					\$ 325,000				
Funding Source(s):												
Fund 29 Sewer Const.	\$ 12,500		\$ 225,000					\$ 237,500				
Fund 39 Water Const.	\$ 12,500		\$ 75,000					\$ 87,500				

Project Title:	Caltrans ECP Highway 267	Vicinity Map/Photo:
Project Manager:	Tom Goebel	
Project Priority		
Project Status:	New Project	
Project Description:	Review of plans and relocation of utilities in support of this Caltrans ECP.	
Justification or Significance of Improvement:	Project is required per Caltrans encroachment permit requirements.	

Project Costs								
Budget FY 08/09	Carryover	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total	
							\$ -	
Administration							\$ 10,000	
Design		\$ 10,000					\$ 10,000	
Construction		\$ 15,000					\$ 15,000	
Other Costs								
Total Project Costs		\$ 25,000					\$ 25,000	
Funding Source(s):								
Fund 29 Sewer Const.		\$ 25,000					\$ 25,000	
Fund 39 Water Const.								



Vicinity Map/Photo:

Project Title: Kings Beach Watershed Improvement Project
Project Manager: Coral Taylor
Project Priority:
Project Status: New Project
Project Description:
 Replacement of sewer main on Salmon Avenue as part of the Placer County Watershed Improvement Project.

Justification or Significance of Improvement:
 Sewer main has been identified as requiring replacement. Cooperation with this project will reduce overall engineering and administrative costs.

Project Costs

Budget FY	08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	Total
Administration							\$ -
Design		\$ 75,000					\$ 75,000
Construction			\$ 250,000				\$ 250,000
Other Costs							
Total Project Costs		\$ 75,000	\$ 250,000				\$ 325,000
Funding Source(s):							
Fund 29 Sewer Const.		\$ 75,000	\$ 250,000				\$ 325,000
Fund 39 Water Const.							