WATER FUNDS (711-715)

Project Title/Description/Number	Prior Years	2006 Estimated Actual/ Carryover	2007 Proposed Budget	Project Total

ACCESS ROAD IMPROVEMENTS - c709840

Minor road repair and pipeline clearance work to gain access to water facilities and equipment.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	$ 73,583	$ 45,000	$ 25,000	$ 143,583
Total Project Cost Estimate	73,583	45,000	25,000	143,583

ADDITIONAL PIEZOMETERS - NEWELL CREEK DAM AND BAY STREET RESERVOIR EMBANKMENT - c700021

Drill nine exploratory borings at Newell Creek Dam to investigate slope stability per request from state DWR DSOD. Six will become piezometers for long-term water level elevations. Included in this work is the repair and/or modification to one existing piezometer at Newell Creek Dam and two at the Bay Street Reservoir.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	-	-	150,000	150,000
Total Project Cost Estimate	-	-	150,000	150,000

BELTZ TREATMENT PLANT REHABILITATION - c700020

The Beltz Treatment Plant supplies up to 2 mgd of water during the summer peak water demand season. The facility was last updated in 1986 and requires modernization to assure reliable water delivery. Funds in FY 2007 will be used for design.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	-	500,000	700,000	1,200,000
Total Project Cost Estimate	-	500,000	700,000	1,200,000

CONTRACTOR METER INSTALLATIONS - c700012

Funds to purchase meters for installation in new projects.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	-	8,000	8,000	16,000
Total Project Cost Estimate	Annual	8,000	8,000	16,000

COUNTY AND OTHER AGENCY REDEVELOPMENT WORK - c700003

Water main, service line, valve, or water meter relocation necessitated by County or other Agency road improvement and/or storm drain improvement projects.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	-	100,000	100,000	200,000
Total Project Cost Estimate	Annual	100,000	100,000	200,000

(continued)

WATER FUNDS (711-715)

Project Title / Description / Number	Prior Years	2006 Estimated Actual / Carryover	2007 Proposed Budget	Project Total

CUSTOMER-INITIATED MAIN REPLACEMENTS-SDC - c700004

Recurring program similar to the City-Initiated Main Replacement Project; however, these projects are initiated on an as-needed basis to accommodate customer-requested service connections to undersized or inadequate mains. Funds, to the extent of the appropriation, are disbursed to customers on a first-come, first-served basis.

	Prior Years	2006	2007	Total
Funding Sources:				
System Development Charges	$ -	$ 50,000	$ 50,000	$ 100,000
Total Project Cost Estimate	Annual	50,000	50,000	100,000

DISTRIBUTION-INITIATED MAIN REPLACEMENTS - c700005

Annual replacement program similar to the City-Initiated and Customer-Initiated Main Replacement Programs; however, these projects are initiated on an as-needed basis by the Distribution Division.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	-	100,000	100,000	200,000
Total Project Cost Estimate	Annual	100,000	100,000	200,000

LOCH LOMOND FACILITY IMPROVEMENT PROJECT - c709837

Funds to conduct a facility improvement program at Loch Lomond including replacing both the private boat launch and the boat rental docks, replacing the lower lot and Loch View restrooms to provide handicapped access, Loch View Trail improvement to provide handicapped access, supply auxiliary power to Eagle Dell water treatment plant, improve entrance station, building re-roofing, pavement maintenance, signage replacement, interpretive overlook, Highland Trail rehabilitation, and constructing storage and workshops.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	135,833	230,774	155,000	521,607
Total Project Cost Estimate	135,833	230,774	155,000	521,607

METER RETROFIT PROGRAM - c709860

Retrofit program to replace manual read meters with radio read meters in the whole system.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	2,813,119	635,000	800,000	4,248,119
Total Project Cost Estimate	2,813,119	635,000	800,000	4,248,119

(continued)

WATER FUNDS (711-715)

Project Title/Description/Number	Prior Years	2006 Estimated Actual/ Carryover	2007 Proposed Budget	Project Total

MISCELLANEOUS FACILITY UPGRADES AND RECONDITIONING - c709817

Provides for replacing or reconditioning major system infrastructure such as pumps, motors, gear drives or structures.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	$ -	$ 30,000	$ 30,000	$ 60,000
Total Project Cost Estimate	Annual	30,000	30,000	60,000

MODIFY SAN LORENZO INTAKE AT CROSSING STREET - c709872

Rehabilitate dam and investigate sanding problem/infiltration gallery at San Lorenzo River Intake at Crossing Street. FY 2007 appropriation will fund a study that would recommend possible solutions.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	-	-	125,000	125,000
Total Project Cost Estimate	-	-	125,000	125,000

PHOTOVOLTAIC STUDY - c700022

Provides funds to investigate solar energy alternatives and opportunities to use it for desalination plant operation.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	-	-	35,000	35,000
Total Project Cost Estimate	-	-	35,000	35,000

PHOTOVOLTAIC STUDY - SDC - c700023

Provides funds to investigate solar energy alternatives and opportunities to use it for desalination plant operation.

	Prior Years	2006	2007	Total
Funding Sources:				
System Development Charges	-	-	15,000	15,000
Total Project Cost Estimate	-	-	15,000	15,000

POWER MANAGEMENT STUDY / ELECTRICAL SERVICE UPGRADE - c700303

Funds in 2007 are for design of a larger electrical service, including power factor control equipment, at the GHWTP, which will provide adequate power for future plant process changes such as UV disinfection, chlorine generation and membrane filtration.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	19,975	100,000	300,000	419,975
Total Project Cost Estimate	19,975	100,000	300,000	419,975

(continued)

WATER FUNDS (711-715)

Project Title / Description / Number	Prior Years	2006 Estimated Actual / Carryover	2007 Proposed Budget	Project Total

PUBLIC ART PROJECTS - c309142

Funds allocated from projects eligible for 2% for Public Art funding in the Water Public Arts Projects Fund.

	Prior Years	2006	2007	Total
Funding Sources:				
Contributions from Eligible Projects	$ -	$ 30,304	$ 2,350	$ 32,654
Total Project Cost Estimate	-	30,304	2,350	32,654

PUMP REHABILITATION PROJECT - c700308

Funds to rehabilitate and/or rebuild pumps to extend the useful life throughout the water system.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	48,822	36,079	25,000	109,901
Total Project Cost Estimate	48,822	36,079	25,000	109,901

STEEL TANK RECOATING - c700024

The University 2 and University 4 tanks are in need of recoating and installation of cathodic protection. Funding in FY 2007 is for University 2.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	-	-	300,000	300,000
Total Project Cost Estimate	-	-	300,000	300,000

WATER SERVICES - c700006

Recurring program to repair, recondition or establish water services at various locations to meet customer demand and to replace deteriorated services.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	-	400,000	500,000	900,000
Total Project Cost Estimate	Annual	400,000	500,000	900,000

WATER SUPPLY PROJECT - c700305

Funding in FY 2007 is for desalination plant design and required studies.

	Prior Years	2006	2007	Total
Funding Sources:				
Grant Funding	-	350,000	700,000	1,050,000
Water Revenues	393,852	2,093,000	2,450,000	4,936,852
Total Project Cost Estimate	393,852	2,443,000	3,150,000	5,986,852

WATER FUNDS (711-715)

Project Title / Description / Number	Prior Years	2006 Estimated Actual / Carryover	2007 Proposed Budget	Project Total

WATER SUPPLY PROJECT - SDC - c700016

Funding in FY 2007 is for desalination plant design and required studies.

	Prior Years	2006	2007	Total
Funding Sources:				
System Development Charges	$ 69,530	$ 897,000	$ 1,050,000	$ 2,016,530
Grant Funding	-	150,000	300,000	450,000
Total Project Cost Estimate	69,530	1,047,000	1,350,000	2,466,530

WATER SYSTEM SECURITY - c700310

Funding to implement security and emergency response measures as identified in the vulnerability assessment process. Funds in FY 2007 are for implementation of new system.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	97,805	550,000	352,350	1,000,155
Transfer 2% to Public Art Fund	-	-	(2,350)	(2,350)
Total Project Cost Estimate	97,805	550,000	350,000	997,805

WATER TREATMENT UPGRADES - c700025

Upgrades to the Graham Hill Water Treatment Plant, water distribution system, and storage reservoirs necessary to enhance water quality, meet new and planned regulatory requirements, and increase overall system reliability.

	Prior Years	2006	2007	Total
Funding Sources:				
Water Revenues	-	-	900,000	900,000
Total Project Cost Estimate	-	-	900,000	900,000

WATER FUND SUMMARY:

Funding Sources:				
Public Art - From Eligible Projects	-	30,304	2,350	32,654
System Development Charges	69,530	947,000	1,115,000	2,131,530
Grant Funding	-	500,000	1,000,000	1,500,000
Water Revenues	3,582,989	4,827,853	7,055,350	15,466,192
Less: Contribution to Public Art Fund	-	-	(2,350)	(2,350)
Total Project Cost Estimate	$ 3,652,519	$ 6,305,157	$ 9,170,350	$ 19,128,026
Net Water Fund Requirement	$ 3,652,519	$ 5,774,853	$ 8,170,350	$ 17,597,722