

# **COASTSIDE COUNTY WATER DISTRICT**



## **BUDGET**

**FISCAL YEAR  
2006 / 2007**

# **CAPITAL IMPROVEMENT**

## **BUDGET**

**COASTSIDE COUNTY WATER DISTRICT  
CAPITAL IMPROVEMENT PROJECTS (NON- CSP)  
FISCAL YEAR 06/07**

	Description/Benefit of Project	FY 06/07
<b><u>PIPELINE PROJECTS</u></b>		
Main Street/Hwy 92 Widening Project (Non-CSP Portion)	Timeline with City of HMB's Street Project - <b>REQUIRES PERMIT</b> - Based upon Bid estimate from Mark Thomas and Associates opening and contractor's 2-year work schedule	\$492,000

<b><u>WATER TREATMENT PLANT PROJECTS</u></b>		
Denniston Foot Valve for 60hp Pump	Required for proper pump operation/keeps pump primed	\$10,000
Denniston Hi Lift Pumps - Refurbish	35 yrs old/Increase Reliability - Original Pumps/Bearings?	\$20,000
Nunes Level Indicators Clearwell/Recovery Tanks	Triggers Backwash return process after proper settling	\$10,000
Nunes Filter Media Replacement	Existing Media - 20 + years old/Only after Media Sizing Test are completed	\$5,000
Nunes Filter Backwash Valves	Eliminate backwash water "leak by" to other filters	\$5,000
Nunes - Automatic Sludge Valve	Drains Sludge from Sedimentation Basin/Saves \$3000 in labor per year	\$5,000

<b><u>FACILITIES AND MAINTENANCE PROJECTS</u></b>		
Denniston Dredging	Maintaining Water Quality/Through Cleaning around intakes to pump station - <b>REQUIRES PERMIT</b>	\$25,000
Meter Change Program	Increase Water Sales through replacement of low registering meters	\$15,000
City & County Projects (resurfacing/raising boxes)	Raise Valve Boxes when City and County Repave Streets	\$30,000

**COASTSIDE COUNTY WATER DISTRICT  
CAPITAL IMPROVEMENT PROJECTS (NON- CSP)  
FISCAL YEAR 06/07**

	Description/Benefit of Project	FY 06/07
Pave Nunes WTP Road	Safe Delivery of Chemicals / Maintain Employee Access to Plant/Pending Written Estimates for repairing/replacement - <b>REQUIRES PERMIT</b>	\$30,000

Safety/Security Upgrades	Improve District Security by re-keying major access doors	\$20,000
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**EQUIPMENT PURCHASE & REPLACEMENT**

Vehicle Replacement	Maintain Reliable Vehicles / 10 years or 100,000 mile	\$25,000
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Computer System	Replacement of Aged Computers/Hardware and Software/Server Upgrade this year	\$8,000
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Office Equipment	Replacement of Letter Opener, Mail Machine, Typewriter	\$1,500
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SCADA/Telemetry	Maintain Reliable Communication with Pump Stations and Treatment Plants, obsolete equipment	\$125,000
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**PUMP STATIONS / TANKS / WELLS**

Alves Tank - Paint Sand Blast - Exterior Or Replacement of Existing Tank, whichever is less inexpensive <i>to be determined by District Engineer - Cost - Benefit analysis needs to be done by Staff and Engineer before this potential project will be recommended for funding.</i>	Maintain Tank Integrity, eliminates corrosion, appearance.	\$125,000
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CSP Motor and Pump Rehabilitation - <i>Cost - Benefit analysis needs to be done by Staff and Engineer before this potential project will be recommended for funding.</i>	Rehabilitate Pump #1 and #3 (Over two years)	\$50,000
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**DEBT RETIREMENT**

Nunes WTP & Revenue Bonds	Payoff of Nunes WTP Loan -	\$185,000
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**COASTSIDE COUNTY WATER DISTRICT  
CAPITAL IMPROVEMENT PROJECTS (NON- CSP)  
FISCAL YEAR 06/07**

	Description/Benefit of Project	FY 06/07
<b><u>DENNISTON - SHORT TERM IMPROVEMENTS</u></b>		
Replace Chlorine Gas with New Sodium Hypochlorite	Community Safety - Avoid Expensive Risk Management Plan (estimate \$25,000 each plant), Improvements; Building Modifications, Scrubbers, leak monitoring, automated alarms, additional O&M, Savings in Caustic, extremely expensive to control gas leak oppose to liquid spill (\$150,000)	\$150,000
Replace Caustic Soda System	High Operator Risk, Requires secondary containment, Leak will destroy most equipment, costly to clean up creek, expensive fines	\$150,000
Construct Treated Water Tank Modifications/Flow Through Operations	Improve plant capacity for meeting CT calculations, reduce THM's, Currently the Denniston WTP is limited to approx one half of its rated capacity (1.0 mgd) due to limitations in meeting CT requirements. Produce THM's which exceed the future regulations	\$400,000
Configure Plant for Automated Shutdown	Eliminate and Prevent High Turbidity events and disinfection violations by shutting down the plant prior to higher turbidity or disinfection loss.	\$100,000
Install Automated Filter-to-Waste	Prevent turbidity spike following filter backwash which could lead to turbidity violations automatic valve runs directly off of turbidimeter	\$100,000

**COASTSIDE COUNTY WATER DISTRICT  
CAPITAL IMPROVEMENT PROJECTS (NON- CSP)  
FISCAL YEAR 06/07**

	<b>Description/Benefit of Project</b>	<b>FY 06/07</b>
<b><u>NUNES - SHORT TERM IMPROVEMENTS</u></b>		
Replace Chlorine Gas with New Sodium Hypochlorite	Community Safety - Avoid Expensive Risk Management Plan (estimate \$25,000 each plant), Improvements; Building Modifications, Scrubbers, leak monitoring, automated alarms, additional O&M, Savings in Caustic, extremely expensive to control gas leak oppose to liquid spill (\$150,000)	\$150,000
Replace Caustic Soda Piping and Add Containment	High Operator Risk, Requires secondary containment, Leak will destroy most equipment, costly to clean up, expensive fines	\$130,000
<b>TOTAL CAPITAL IMPROVEMENT PROJECT BUDGET</b>		<b>\$2,366,500</b>
<i>Carry Over from FY 05/06</i>		<b>\$267,500</b>

**Coastside County Water District**

**CRYSTAL SPRINGS PROJECT - Capital Improvement Program Budget**

<u>PROJECT</u>	<u>FY 05/06</u>	<u>FY 06/07</u>	<u>FY 07/08</u>	<u>FY 08/09</u>	<u>FY 09/10</u>	<u>FY 10/11</u>
El Granada Pipeline Phase 3 (City & County)	\$200,000	\$1,000,000	\$2,701,000			
Carter Hill West Pipeline	\$1,052,375					
* Main Street/Hwy 92 Pipeline Replacment Project - Phase 2	\$60,000	\$718,000				
* Main Street Pipeline Replacement Project - Phase 3					\$90,000	\$249,000
* Bridgeport Drive Pipeline Replacement Project					\$110,000	\$840,000
Contingency	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
<b>TOTALS</b>	<b>\$1,412,375</b>	<b>\$1,818,000</b>	<b>\$2,801,000</b>	<b>\$100,000</b>	<b>\$300,000</b>	<b>\$1,189,000</b>

*Please note: This CIP Budget is completely funded from CSP Transmission and Storage Fees*

\* Project yet to be determined

**OPERATION  
AND  
MAINTENANCE  
  
BUDGET**



## Operations & Maintenance Budget - FY 2006/2007

Account Number	Description	Proposed Budget 06/07	06/07 Budget	06/07 Budget	Proj Year End	06/07 Budget Vs.	06/07 Budget
			Approved FY 05/06	Vs. 05/06 Budget		Vs. 05/06 Budget	05/06 Actual
			Budget	\$ Change	Actual FY 05/06	\$ Change	% Change
4120	Water Sales	4,777,257	4,605,679	171,578	4,195,045	582,213	12.2%
4170	Hydrant Sales	30,000	30,000	0	22,544	7,456	24.9%
4180	Late Penalty	50,000	30,000	20,000	48,271	1,729	3.5%
4230	Service Connections	236,000	225,000	11,000	15,675	220,325	93.4%
4920	Interest Earned	66,086	73,800	-7,714	88,389	(22,303)	(33.7%)
4930	Property Taxes	450,000	0	450,000	47,229	402,771	89.5%
4950	Miscellaneous	72,000	72,000	0	57,807	14,193	19.7%
4965	ERAF Refund	173,000	72,000	101,000	337,933	(164,933)	(95.3%)
	<b>TOTAL REVENUE</b>	<b>5,854,343</b>	<b>5,036,479</b>	<b>817,864</b>	<b>4,474,959</b>	<b>(1,379,384)</b>	<b>(23.6%)</b>
5130	Water Purchased	1,089,879	896,400	193,479	812,142	277,737	25.5%
5230	Electrical Exp. Nunes WTP	13,000	13,000	0	10,852	2,148	16.5%
5231	Electrical Expenses, CSP	154,864	218,000	-63,136	117,884	36,980	23.9%
	Electrical Expenses/Trans. & Dist.	24,800	29,500	-4,700	23,486	1,314	5.3%
5232		24,800	29,500	-4,700	23,486	1,314	5.3%
5233	Elec Exp/Pilarcitos Cyn.	16,090	16,100	-10	6,020	10,070	62.6%
5234	Electrical Exp., Denn	77,993	89,900	-11,907	51,076	26,917	34.5%
5235	Denn. WTP Oper.	73,460	70,700	2,760	63,373	10,087	13.7%
5236	Denn WTP Maint	30,000	19,300	10,700	35,688	(5,688)	(19.0%)
5240	Nunes WTP Oper	98,273	77,500	20,773	93,083	5,190	5.3%
5241	Nunes WTP Maint	54,300	39,300	15,000	67,108	(12,808)	(23.6%)
5242	CSP - Operation	7,800	7,500	300	7,887	(87)	(1.1%)
5243	CSP - Maintenance	51,000	35,000	16,000	42,518	8,482	16.6%
5318	Studies/Surveys/Consulting	0	8,000	-8,000	24,331	(24,331)	(100.0%)
5321	Water Conservation	46,500	46,500	0	36,585	9,915	21.3%
5322	Community Outreach	14,270	9,300	4,970	8,983	5,287	37.0%
5411	Salaries - Field	792,401	738,700	53,701	653,949	138,452	17.5%
5412	Maintenance Expenses	117,560	98,600	18,960	112,199	5,361	4.6%
5414	Motor Vehicle Exp.	39,500	41,500	-2,000	35,350	4,150	10.5%
5415	Maintenance, Wells	31,400	31,400	0	30,635	765	2.4%
5610	Salaries, Admin.	539,991	515,000	24,991	480,482	59,509	11.0%
5620	Office Expenses	108,130	98,000	10,130	96,656	11,474	10.6%
5621	Computer Services	34,800	40,400	-5,600	27,672	7,128	20.5%
5625	Meetings/Training/Seminars	28,000	28,000	0	19,357	8,643	30.9%
5630	Insurance	458,250	414,000	44,250	433,302	24,948	5.4%
5640	Employee Retirement	375,340	319,000	56,340	349,071	26,269	7.0%
5681	Legal	52,000	52,000	0	39,350	12,650	24.3%
5682	Engineering	30,000	20,000	10,000	27,021	2,979	9.9%
5683	Financial Services	40,000	29,400	10,600	27,206	12,794	32.0%
5684	Payroll Taxes	98,578	92,900	5,678	86,336	12,242	12.4%
	Memberships & Subscriptions	38,465	38,400	65	38,756	(291)	(0.8%)
5687		38,465	38,400	65	38,756	(291)	(0.8%)
5688	Election Expense	0	15,000	-15,000	15,107	(15,107)	(100.0%)
5690	Interest Expense	0	94,000	-94,000	93,606	(93,606)	(100.0%)
5700	County Fees	10,500	12,000	-1,500	7,322	3,178	30.3%
5701	Property Taxes	700	1,000	-300	668	32	4.6%
5705	State Fees	24,000	19,000	5,000	21,511	2,489	10.4%
	<b>Total Operating Expenses</b>	<b>4,571,843</b>	<b>4,274,300</b>	<b>297,543</b>	<b>3,996,570</b>	<b>575,274</b>	<b>12.6%</b>
<b>Capital Accounts</b>							
5711	Debt Service on Existing Bonds	270,600	0	270,600	0	270,600	100.0%
	Debt Service on Proposed Bonds	487,200	0	487,200	0	487,200	100.0%
5712		487,200	0	487,200	0	487,200	100.0%
5713	Cont. to CIP & Reserves	294,700	0	294,700	0	294,700	100.0%
5714	Transfer Conn Fee to CSP	230,000	0	230,000	0	230,000	100.0%
5710	Depreciation	0	1,050,000	(1,050,000)	1,050,000	(1,050,000)	(100.0%)
	<b>Total Capital Accounts</b>	<b>1,282,500</b>	<b>1,050,000</b>	<b>232,500</b>	<b>1,050,000</b>	<b>232,500</b>	<b>18.1%</b>
<b>TOTAL EXPENSES</b>		<b>5,854,343</b>	<b>5,324,300</b>	<b>530,043</b>	<b>5,046,570</b>	<b>807,773</b>	<b>13.8%</b>
<b>Total Revenues less Expenses</b>		<b>\$0</b>					
<b>RATE INCREASE</b>		<b>7%</b>					