



Sewer Authority Mid-Coastside  
**SAM**

# COMPREHENSIVE BUDGET FISCAL YEAR 2007-08

## FINAL



View of the Yellow Cliffs of Montara taken from Montara State Beach – Photo by Tony Pullin

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# Sewer Authority Mid-Coastside

## Final Budget FY2007-08

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# SUMMARY AND ASSESSMENTS

- Summary and Overview Report
- Comparison of FY2006-07 and FY2007-08 Totals  
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- Comparison of FY2006-07 and FY2007-08 Totals  
Operating Budgets and Capital Budgets
- Cost Allocation to Member Agencies
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## Summary and Overview

\$3,922,056 representing a 6.3% (\$231,799) increase over last year's budget. Fiscal impact by Member Agency is as follows:

		Change	
City of Half Moon Bay	\$ 1,845,809	\$ 11,433	0.6%
Granada Sanitary District	1,191,744	\$ 195,193	19.6%
Montara Water and Sanitary District	<u>884,503</u>	<u>25,173</u>	<u>2.9%</u>
Total	\$ 3,922,056	\$ 231,799	6.3%

On March 22, 2007, the SAM Board held a Budget Workshop. At that workshop, the Board reviewed the first draft budget and provided direction to staff. Based on that meeting, changes were made, resulting in a second draft budget. That second draft budget was presented to the member agencies in April 2007. With the exception of the IPS/Pump Station budget, the budgets were approved.

The IPS/Pump Station Budget has not yet been approved by any member agency.

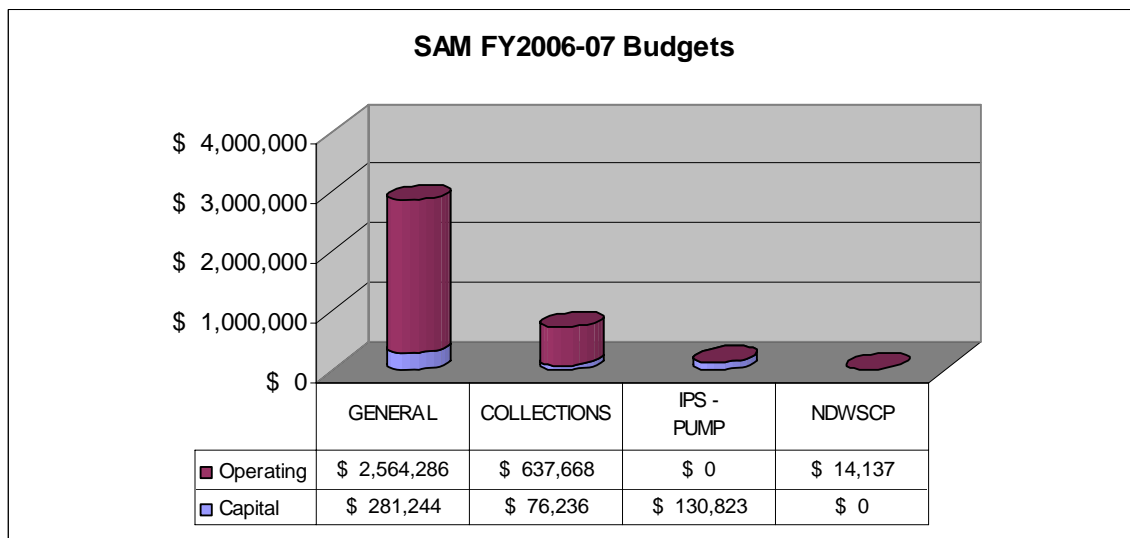
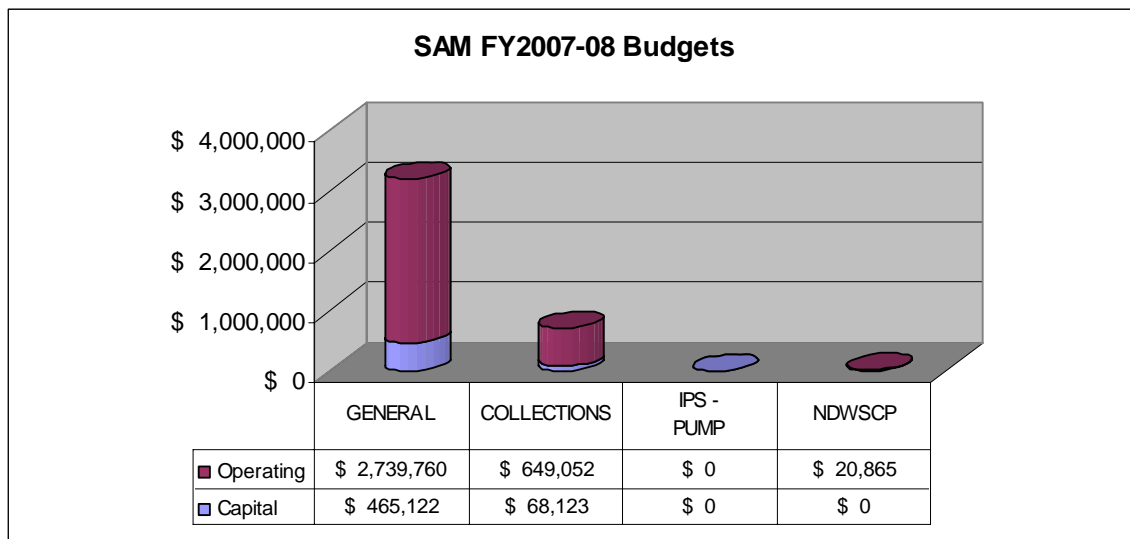
Highlights to be found in this Comprehensive Budget for FY2007-08 are summarized below:

- Excluding the Non-Domestic Waste Source Control Program Budget, which is self-funded, all portions of SAM's FY2006-07 budget total \$3,922,056. This amount represents a total budget increase of 6.3% or \$231,799 over the FY2006-07 approved budgets. Primary reasons for this increase are these:
  - General Capital proposed increases totaling \$183,878:
    - Ten new capital improvement projects totaling \$142,000, including replacement of 24-year-old, corroded fire suppression system piping, replacement of two 24-year-old sludge pumps, replacement of corroded building ventilators, and other projects.
    - Increases in continuing capital improvement projects.
  - General (Administration and Treatment) O&M proposed increase totaling \$175,474:
    - \$98,174 increase in salary and benefits (various accounts) resulting from two additional Collection Maintenance Worker Is. This change represents 2.7% of the total budget increase. One position was approved in FY2006-07 and is now in the process of being filled. The other additional position, proposed for FY2007-08, will complete the creation of an additional response crew. If approved, SAM will have two Collection System cleaning trucks with two employees in each. Staff has met and conferred with Local 39 on these positions.

- Financial consultant review of SAM Capital Improvement funding, reserves, and rates at a cost of \$50,000.
- Other increases primarily reflecting CPI increases.

In the spirit of SAM's Reserve Fund Policy, carryover from FY2005-06 has been incorporated into the budget, decreasing assessments by \$69,286 [\$9.265 decrease in General (Admin/Treatment) and \$60,021 decrease in Collections]. Below is a summary of fiscal impact, excluding the carryover:

			Change
City of Half Moon Bay	\$ 1,871,543	\$ 37,167	2.0%
Granada Sanitary District	1,212,835	\$ 216,284	21.7%
Montara Water and Sanitary District	<u>906,965</u>	<u>47,634</u>	<u>5.5%</u>
<b>Total</b>	<b>\$ 3,991,342</b>	<b>\$ 301,085</b>	<b>8.2%</b>



**SEWER AUTHORITY MID-COASTSIDE**

Comparison of FY2006-07 with FY2007-08 Budget Totals

*Summary of Operating and Capital Budgets*

	<b>Approved Budget FY2006-07</b>	<b>Proposed Budget FY2007-08</b>	<b>Budget Comparison %</b>	<b>Budget Comparison \$</b>
<b>General Budget</b>				
Operating	\$2,564,286	\$2,739,760	6.8%	\$175,474
Capital	\$281,244	\$465,122	65.4%	\$183,878
<b>Total General Budget</b>	<b>\$2,845,530</b>	<b>\$3,204,882</b>	<b>12.6%</b>	<b>\$359,352</b>
<b>Collection System</b>				
Operating	\$637,668	\$649,052	1.8%	\$11,384
Capital	\$76,236	\$68,123	-10.6%	(\$8,114)
<b>Total Collection System Budget</b>	<b>\$713,904</b>	<b>\$717,175</b>	<b>0.5%</b>	<b>\$3,270</b>
<b>IPS / Pump Stations</b>				
		<i>(not yet approved)</i>		
Operating	\$0	\$0		
Capital	\$130,823	\$0		
<b>Total IPS / Pump Stations</b>	<b>\$130,823</b>	<b>\$0</b>		
<b>Subtotal All Budgets</b>	<b>\$3,690,257</b>	<b>\$3,922,056</b>	<b>6.3%</b>	<b>\$231,799</b>
<b>Non-Domestic Waste Source Control Program (NDWSCP)</b>				
Operating	\$14,137	\$20,865	47.6%	\$6,728
Capital	\$0	\$0		\$0
<b>Total NDWSCP Budget</b>	<b>\$14,137</b>	<b>\$20,865</b>	<b>47.6%</b>	<b>\$6,728</b>
<b>Total All Budgets</b>	<b>\$3,704,394</b>	<b>\$3,942,921</b>	<b>6.4%</b>	<b>\$238,527</b>

\* NDWSCP costs are not included in assessment allocations because this program is funded entirely by commercial users and not the member agencies.

**SEWER AUTHORITY MID-COASTSIDE**

Comparison of FY2006-07 with FY2007-08 Budget Totals

*Operating Budgets and Capital Budgets*

	<b>Approved Budget FY2006-07</b>	<b>Proposed Budget FY2007-08</b>	<b>Budget Comparison</b>	
			<b>%</b>	<b>\$</b>
<b>Operating Budgets</b>				
General	\$2,564,286	\$2,739,760	6.8%	\$175,474
Collection	\$637,668	\$649,052	1.8%	\$11,384
IPS / Pump Stations	\$0	\$0		\$0
<b>Total General Budgets</b>	<b>\$3,201,954</b>	<b>\$3,388,812</b>	<b>5.8%</b>	<b>\$186,858</b>
<b>Capital Budgets</b>				
General	\$281,244	\$465,122	65.4%	\$183,878
Collection	\$76,236	\$68,123	-10.6%	(\$8,114)
IPS / Pump Stations	\$130,823	\$0		
<b>Total Capital Budgets</b>	<b>\$488,303</b>	<b>\$533,244</b>	<b>9.2%</b>	<b>\$44,941</b>
<b>Subtotal All Budgets</b>	<b>\$3,690,257</b>	<b>\$3,922,056</b>	<b>6.3%</b>	<b>\$231,799</b>
<b>Non-Domestic Waste Source Control Program (NDWSCP)</b>				
Operating Budget	\$14,137	\$20,865	47.6%	\$6,728
Capital Budget	\$0	\$0		\$0
<b>Total NDWSCP Budget</b>	<b>\$14,137</b>	<b>\$20,865</b>	<b>47.6%</b>	<b>\$6,728</b>
<b>Total All Budgets</b>	<b>\$3,704,394</b>	<b>\$3,942,921</b>	<b>6.4%</b>	<b>\$238,527</b>

\* NDWSCP costs are not included in assessment allocations because this program is funded entirely by commercial users and not the member agencies.



**SEWER AUTHORITY MID-COASTSIDE**

FY2007-08

*Cost Allocation to Member Agencies*

<b>Annual Assessments</b>	<b>HMB</b>	<b>GSD</b>	<b>MWSD</b>	<b>Total</b>
General Operating	\$1,405,773	\$804,293	\$529,694	\$2,739,760
General Capital	\$234,886	\$137,211	\$93,024	\$465,122
Collections Operating	\$185,030	\$226,063	\$237,959	\$649,052
Collections Capital	\$20,120	\$24,177	\$23,826	\$68,123
IPS / Pump Stations Operating	\$0	\$0	\$0	\$0
IPS / Pump Stations Capital	\$0	\$0	\$0	\$0
NDWSCP Operating	\$0	\$0	\$0	\$0
NDWSCP Capital	\$0	\$0	\$0	\$0
Reserves				\$0
<b>Total</b>	<b>\$1,845,809</b>	<b>\$1,191,744</b>	<b>\$884,503</b>	<b>\$3,922,056</b>

**Monthly Assessments**

	<b>HMB</b>	<b>GSD</b>	<b>MWSD</b>	<b>Total</b>
General Operating	\$117,148	\$67,024	\$44,141	\$228,313
General Capital	\$19,574	\$11,434	\$7,752	\$38,760
Collections Operating	\$15,419	\$18,839	\$19,830	\$54,088
Collections Capital	\$1,677	\$2,015	\$1,985	\$5,677
IPS / Pump Stations Operating	\$0	\$0	\$0	\$0
IPS / Pump Stations Capital	\$0	\$0	\$0	\$0
NDWSCP Operating	\$0	\$0	\$0	\$0
NDWSCP Capital	\$0	\$0	\$0	\$0
Reserves	\$0	\$0	\$0	\$0
<b>Monthly Total</b>	<b>\$153,817</b>	<b>\$99,312</b>	<b>\$73,709</b>	<b>\$326,838</b>

**SEWER AUTHORITY MID-COASTSIDE**

*Comparison of FY2006-07 and FY2007-08  
Assessments*

<b>City of Half Moon Bay</b>				
			<b>Change</b>	
	<b>FY2006-07</b>	<b>FY2007-08</b>	<b>\$</b>	<b>%</b>
General	\$1,466,483	\$1,640,659	\$174,176	11.9%
Collections	\$301,827	\$205,150	-\$96,678	-32.0%
IPS / Pump Station	\$66,066	\$0	-\$66,066	---
NDWSCP	\$0	\$0	\$0	0.0%
Annual Total	\$1,834,376	\$1,845,809	\$11,433	0.6%

<b>Granada Sanitary District</b>				
			<b>Change</b>	
	<b>FY2006-07</b>	<b>FY2007-08</b>	<b>\$</b>	<b>%</b>
General	\$798,822	\$941,504	\$142,682	17.9%
Collections	\$159,136	\$250,240	\$91,104	57.2%
IPS / Pump Station	\$38,593	\$0	-\$38,593	---
NDWSCP	\$0	\$0	\$0	0.0%
Annual Total	\$996,551	\$1,191,744	\$195,193	19.6%

<b>Montara Water and Sanitary District</b>				
			<b>Change</b>	
	<b>FY2006-07</b>	<b>FY2007-08</b>	<b>\$</b>	<b>%</b>
General	\$580,225	\$622,719	\$42,494	7.3%
Collections	\$252,941	\$261,785	\$8,843	3.5%
IPS / Pump Station	\$26,165	\$0	-\$26,165	---
NDWSCP	\$0	\$0	\$0	0.0%
Annual Total	\$859,331	\$884,503	\$25,173	2.9%

<b>Total</b>	<b>\$3,690,257</b>	<b>\$3,922,056</b>	<b>\$231,799</b>	<b>6.3%</b>
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\* Non-Domestic Waste Source Control Program (NDWSCP) costs are not included in assessment allocations because this program is funded entirely by commercial users and not the member agencies.

**SEWER AUTHORITY MID-COASTSIDE**

*Comparison of Percentage Allocations*

**FY2006-07 and FY2007-08 Percentage Allocation**

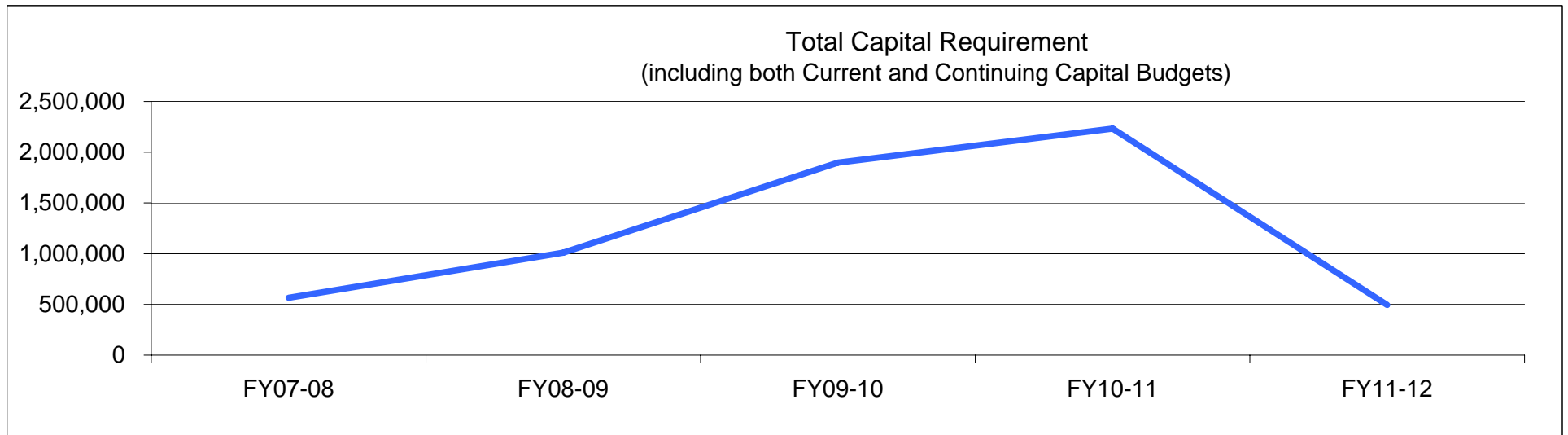
	<b>HMB</b>	<b>GSD</b>	<b>MWSD</b>	<b>Total</b>
Admin / Treatment				
FY2007-08	51.2%	29.4%	19.4%	100.0%
FY2006-07	51.5%	28.0%	20.5%	100.0%
Percent Change	-0.6%	4.8%	-5.1%	
Collection				
FY2007-08	29.5%	35.5%	35.0%	100.0%
FY2006-07	43.2%	21.6%	35.2%	100.0%
Percent Change	-31.6%	64.1%	-0.6%	

**SAM  
Capital Asset Management  
Improvement Schedule**

*Five-Year View*

**Overview**

	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12	5 Yr Total
<b>Current Capital Budget Total</b>	\$ 142,000	\$ 597,124	\$ 1,565,845	\$ 1,946,472	\$ 207,934	\$ 4,459,374
<b>Continuing Capital Budget Total</b>	\$ 423,231	\$ 413,103	\$ 331,717	\$ 286,141	\$ 286,141	\$ 1,740,332
<b>Total Capital Requirement</b>	\$ 565,231	\$ 1,010,227	\$ 1,897,562	\$ 2,232,612	\$ 494,074	\$ 6,199,706



Note: Each year, the amounts for the Continuing Capital Projects are increased by the percentage increase in the Engineering News Record (ENR) Index. The index values are provided here:

20 Cities	Jan-06	Jan-07
ENR	7660	7880

**SEWER AUTHORITY MID-COASTSIDE**

FY2007-08 Capital Budget Assessments

<b>General Capital Budget</b>				
	<b>HMB</b>	<b>GSD</b>	<b>MWSD</b>	<b>Total</b>
Ownership	50.5%	29.5%	20.0%	100.0%
Current	\$71,710	\$41,890	\$28,400	\$142,000
Continuing	\$163,176	\$95,321	\$64,624	\$323,122
Total	\$234,886	\$137,211	\$93,024	\$465,122
Monthly Assessment	\$19,574	\$11,434	\$7,752	\$38,760
<b>Collection Capital Budget</b>				
	<b>HMB</b>	<b>GSD</b>	<b>MWSD</b>	<b>Total</b>
Hours Distribution	29.5%	35.5%	35.0%	100.0%
Current	\$0	\$0	\$0	\$0
Continuing	\$20,120	\$24,177	\$23,826	\$68,123
Total	\$20,120	\$24,177	\$23,826	\$68,123
Monthly Assessment	\$1,677	\$2,015	\$1,985	\$5,677
<b>IPS / Pump Station Capital Budget</b>				
	<b>HMB</b>	<b>GSD</b>	<b>MWSD</b>	<b>Total</b>
Ownership	50.5%	29.5%	20.0%	100.0%
Current	\$0	\$0	\$0	\$0
Continuing	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0
Monthly Assessment	\$0	\$0	\$0	\$0
<b>NDWSCP Capital Budget</b>				
	<b>HMB</b>	<b>GSD</b>	<b>MWSD</b>	<b>Total</b>
None this Fiscal Year	---	---	---	---
Current	\$0	\$0	\$0	\$0
Continuing	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0
Monthly Assessment	\$0	\$0	\$0	\$0

# SEWER AUTHORITY MID-COASTSIDE

## *Position Control List*

Approved May 21, 2007

<b><i>Position</i></b>	<b><i>Representation</i></b>	<b><i>Number</i></b>	<b><i>Filled as of March 2007</i></b>
Certified Operator-In-Training, Operator II / III *	Local 39	4.0	4.0
Collection Maintenance Worker I / II / III*	Local 39	3.0	1.0
Lead Collection Worker	Local 39	1.0	1.0
Manager	Unrepresented	1.0	1.0
Mechanic, Mechanic III*	Local 39	2.0	2.0
Receptionist	Local 39	1.0	1.0
Supervisor of Administrative Services	Unrepresented	1.0	1.0
Systems Operator*	Local 39	0.0	0.0
Technichal Services Supervisor	Unrepresented	1.0	1.0
<b><i>Total</i></b>		<b><i>14.0</i></b>	<b><i>12.0</i></b>

\* Flexibly staffed

## Section 2a

# General (Admin/Treatment) Operating Budget

- FY2007-08 Assessment
- Line Item Detail

# SEWER AUTHORITY MID-COASTSIDE

FY2007-08 Assessment

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<b>General Operating Budget</b>				
	<b>HMB</b>	<b>GSD</b>	<b>MWSD</b>	<b>Total</b>
Flow Distribution	51.2%	29.4%	19.4%	100.0%
Operating Budget	\$1,407,730	\$807,300	\$533,995	\$2,749,025
Less Carryover From FY05	\$1,957	\$3,007	\$4,301	\$9,265
Annual Assessment	\$1,405,773	\$804,293	\$529,694	\$2,739,760
Monthly Assessment	\$117,148	\$67,024	\$44,141	\$228,313

In accordance with the JPA, the General Operating Budget is distributed based on percentage of flow. These percentages are based on the twelve-month average March through February.



Sewer Authority Mid-Coastside  
Administration  
As of February 28, 2007

Months

8

Acct #	Account Name	Budgeted Amount FY06-07	To Date	Projected Expenditures through end FY06-07	Budgeted Amount FY07-08	Increase / (Decrease)
<b>Income Accounts</b>						
4011001	Operating Fund Assessment-HMB	477,912	318,608	477,912	404,861	(73,051)
4011002	Operating Fund Assess-GSD	258,300	172,200	258,300	232,178	(26,122)
4011003	Operating Fund Assessment-MWSD	189,060	126,040	189,060	153,576	(35,484)
4011004	Operating Fund Admin Capital HMB	9,180	6,120	9,180	2,891	(6,289)
4011005	Operating Fund Admin Capital GSD	5,364	3,576	5,364	1,689	(3,675)
4011006	Operating Fund Admin Capital MWSD	3,636	2,424	3,636	1,145	(2,491)
Total	Operating Fund Assessment	943,452	628,968	943,452	796,339	(147,113)
	Carryover from previous fiscal year	(17,905)	---	---	242,815	260,720
	Insurance Dividend	0	0	0	0	0
40810	Misc. Revenue Admin.	8,100	40	60	100	(8,000)
40910	Interest Revenue	0	54,100	108,200	108,200	108,200
	Sale of Equipment	2,000	0	0	3,500	1,500
<b>Total Income</b>		<b>935,647</b>	<b>683,108</b>	<b>1,051,712</b>	<b>1,150,954</b>	<b>215,308</b>

**Expense Accounts**

**Administration Expenses**

50110	Directors Fees	14,400	6,100	9,150	10,000	(4,400)
5021001	Productive Payroll-Admin.	309,530	193,590	290,385	417,027	107,497
5021002	Overtime-Admin.	5,200	687	1,031	5,200	0
5021003	Restricted Standby Pay-Admin	300	0	0	300	0
5021004	Benefits-Admin	104,873	61,830	92,745	136,348	31,475
5021006	Overtime Meals-Admin	0	0	0	60	60
5021007	Temporary	44,292	17,482	44,292	45,800	1,508
5021008	Retire Benefits-Admin	1,100	0	0	1,100	0
5031002	Fingerprinting	174	0	0	360	186
5031003	Employee Physicals	2,401	113	170	1,320	(1,081)
5041001	Personnel Assistance	9,960	6,633	9,960	10,299	339

Sewer Authority Mid-Coastside  
Administration  
As of February 28, 2007

Months

8

Acct #	Account Name	Budgeted Amount FY06-07	To Date	Projected Expenditures through end FY06-07	Budgeted Amount FY07-08	Increase / (Decrease)
5041002	Audit Fees	16,600	16,995	16,995	17,572	972
5041003	Engineering Fees	35,000	11,287	16,931	36,190	1,190
5041004	Legal Fees	170,000	39,377	59,066	170,000	0
5041005	Payroll Costs	5,905	3,419	5,905	6,106	201
5041006	Other Professional Services	70,575	81,920	122,881	122,975	52,400
5051001	Janitorial	8,250	5,600	8,400	8,686	436
50610	Memberships and Dues	13,951	12,576	18,864	19,505	5,554
50710	Printing and Publications	4,100	2,374	4,100	4,239	139
50810	Skills Improvements	3,600	292	3,600	3,722	122
50910	Meetings and Travel	9,660	1,897	9,660	9,988	328
5101004	Safety Physicals	500	333	500	517	17
5111001	Postage	1,785	877	1,785	1,846	61
5111002	Equipment Rental	236	0	0	244	8
5111003	Office Supplies	5,100	2,227	5,100	5,273	173
5111004	Computer Supplies	5,500	2,320	5,500	5,687	187
5111005	General Supplies	3,585	2,403	3,604	3,726	141
5111006	Bad Debt Expense	0	0	0	0	0
5121002	Liability Insurance	38,356	22,640	38,356	39,660	1,304
5121003	Property Insurance	15,200	9,764	15,200	15,717	517
5121006	Claims	35,000	12,176	35,000	36,190	1,190
5121007	Dishonesty Bond Insurance	386	233	350	399	13
5141002	Mailing Machine	0	0	0	100	100
5141003	Copy Machine	5,125	3,191	5,125	5,299	174
5181001	Office Equipment	3,050	143	3,050	3,154	104
52310	Service/Bank Charges	100	0	100	103	3
52410	Interest Expense	0	0	0	0	0
52510	Depreciation Expense	0	0	0	0	0
53210	Fines and Penalties	500	0	500	517	17
<b>Total Admin Expenses</b>		944,294	518,480	828,302	1,145,230	205,336

Sewer Authority Mid-Coastside  
 Treatment  
 As of February 28, 2007

Months

8

Acct #	Account Name	Budgeted Amount FY06-07	To Date	Projected Expenditures through end FY06-07	Proposed Budget Amount FY07-08	Increase / (Decrease)
<b>Income Accounts</b>						
4011001	Operating Fund Assessment-HMB	846,552	564,368	846,552	927,713	81,161
4011002	Operating Fund Assess-GSD	457,548	305,032	457,548	532,022	74,474
4011003	Operating Fund Assessment-MWSD	334,908	223,272	334,908	351,910	17,002
4011004	Operating Fund Treatment Capital HMB	132,852	88,568	132,852	231,996	99,144
4011005	Operating Fund Treatment Capital GSD	77,604	51,736	77,604	135,522	57,918
4011006	Operating Fund Treatment Capital MWSD	52,620	35,080	52,620	91,879	39,259
	Total Operating Fund Assessments	1,902,084	1,268,056	1,902,084	2,271,042	368,958
	Carryover from previous fiscal year	70,596	---	---	(233,550)	(304,146)
	Insurance Dividend		0			0
4081001	Treatment Trucked Waste	15,600	9,989	14,983	15,600	0
40810	Misc. Revenue Admin.	8,000	689	1,034	8,100	100
	Interest Revenue		0	0		0
41020	Sale of Equipment	2,000	0	0	2,000	0
	<b>Total Income</b>	<b>1,998,280</b>	<b>1,278,734</b>	<b>1,918,101</b>	<b>2,063,192</b>	<b>64,912</b>

**Expense Accounts**

**Treatment Expenses**

No #	Depreciation - Treatment	0	0	0	0	0
5022001	Productive Payroll-TRT	407,880	252,913	379,370	269,000	(138,880)
5022002	Overtime -TRT	21,555	10,770	16,155	16,100	(5,455)
5022003	Restricted Standby Pay-TRT	0	0	0	0	0
5022004	Benefits-TRT	157,298	95,146	142,720	131,000	(26,298)
5022006	Overtime Meals-TRT	100	0	0	100	0
5022008	Retire Benefit-TRT	873	520	780	1,100	227
5052002	Laundry Service	8,670	5,634	8,451	8,670	0
5052003	Outside Lab Analysis	55,000	36,805	55,207	55,000	0
5052004	Inspections	60,000	48,106	72,159	90,000	30,000

Sewer Authority Mid-Coastside  
 Treatment  
 As of February 28, 2007

Months

8

Acct #	Account Name	Budgeted Amount FY06-07	To Date	Projected Expenditures through end FY06-07	Proposed Budget Amount FY07-08	Increase / (Decrease)
5052005	Calibration	2,907	2,820	4,230	3,500	593
5052009	Solid Waste	86,250	56,270	84,404	85,000	(1,250)
5052013	Maintenance Project Management	40,000	10,733	16,100	40,000	0
5052014	Flow Monitoring	0	0	0		0
50720	Printing and Publications	2,000	180	270	2,000	0
50820	Skills Improvement	12,500	1,300	1,949	11,000	(1,500)
50920	Meetings and Travel	950	18	27	1,000	50
5102001	Safety Training	11,000	2,883	4,325	11,000	0
5102002	Safety Shoes	2,000	180	270	2,000	0
5102003	Personal Safety Equipment	2,000	1,880	2,820	2,000	0
5102004	Safety Physicals	1,500	0	0	1,500	0
5102005	Safety Equipment	15,000	2,916	4,374	15,000	0
5112004	Computer Supplies	2,000	890	1,335	3,000	1,000
5132001	Telephone	11,000	7,304	11,000	11,375	375
5132002	Electric	245,000	145,360	218,040	245,000	0
5132003	Natural Gas	2,000	583	875	2,000	0
5132004	Water	14,000	7,790	11,685	14,000	0
5142005	Pagers	1,200	378	567	1,200	0
5142006	Alarm Service	2,000	1,170	1,755	2,250	250
5142007	Radio System	2,500	82	123	3,500	1,000
5142008	Permits, Licenses and Fees	50,000	22,890	34,335	55,000	5,000
5152001	Diesel	9,500	2,511	3,767	10,000	500
5152002	Gasoline	4,500	2,710	4,065	5,000	500
5152003	Lubricants	2,750	0	0	2,750	0
5162001	Chemical-General	3,000	508	763	3,000	0
5162002	Maintenance	2,250	279	418	2,250	0
5162003	General	0	3,319	4,978	5,000	5,000
5162004	Chemicals- Hypochlorite-Plant	48,000	38,249	57,374	50,000	2,000
5162005	Chemicals-Bisulfite	19,500	21,457	32,185	35,000	15,500
5162006	Chemicals-NaOCL-Pump Stations	22,500	17,126	25,690	30,000	7,500
5162007	Chemicals-Polymer	15,000	11,160	16,740	17,000	2,000
5162008	Chemicals- FeC13	11,000	3,847	5,771	11,000	0
5162009	Chemicals-NaOH- Pump Stations	0	0	0		0

Sewer Authority Mid-Coastside  
 Treatment  
 As of February 28, 2007

Months  

8
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Acct #	Account Name	Budgeted Amount FY06-07	To Date	Projected Expenditures through end FY06-07	Proposed Budget Amount FY07-08	Increase / (Decrease)
5162010	Chemicals-NaOH - Plant	1,000	0	0	1,000	0
5172001	Lab Chemicals	1,000	706	1,059	1,500	500
5172002	Lab Maintenance Supplies	5,000	240	360	5,000	0
5172003	Lab General	10,000	8,868	13,302	10,000	0
5172004	Public Outreach Gen. Supplies	10,000	6,125	9,187	15,000	5,000
5182002	Vehicles	5,000	664	996	5,000	0
5182003	Building and Grounds	7,500	3,830	5,745	10,000	2,500
5182004	Pump Station	150,000	62,008	93,012	150,000	0
5182005	Plant Equipment	100,000	74,822	112,232	125,000	25,000
5182013	Facility Painting	15,000	0	0	15,000	0
5182014	Instrumentation	10,000	0	0	10,000	0
5202001	Mechanics Tools	2,000	493	740	2,000	0
5202002	General Tools	1,000	460	690	1,000	0
52320	Service Charges	0	0	0	0	0
53120	Loss on Retirement Assets	0	0	0		0
<b>Total Treatment Expenses</b>		<b>1,672,683</b>	<b>974,903</b>	<b>1,462,399</b>	<b>1,603,795</b>	<b>32,500</b>

## General (Admin/Treatment) Capital Budget

- Capital Budget Assessments
- Capital Asset Management Improvement Schedule
- Individual Capital Improvement Project Sheets
- Continuing Capital Budget Schedule

# SEWER AUTHORITY MID-COASTSIDE

## FY2007-08 Capital Budget Assessments

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	<b>General Capital Budget</b>			
	<b>HMB</b>	<b>GSD</b>	<b>MWSD</b>	<b>Total</b>
Ownership	50.5%	29.5%	20.0%	100.0%
Admin Current	\$0	\$0	\$0	\$0
Admin Continuing	\$2,891	\$1,689	\$1,145	\$5,724
Admin Total	\$2,891	\$1,689	\$1,145	\$5,724
Admin Monthly Assessment	\$241	\$141	\$95	\$477
Treatment Current	\$71,710	\$41,890	\$28,400	\$142,000
Treatment Continuing	\$160,286	\$93,632	\$63,479	\$317,397
Treatment Total	\$231,996	\$135,522	\$91,879	\$459,397
Treatment Monthly Assessment	\$19,333	\$11,294	\$7,657	\$38,283
General Current	\$71,710	\$41,890	\$28,400	\$142,000
General Continuing	\$163,176	\$95,321	\$64,624	\$323,122
General Capital Total	\$234,886	\$137,211	\$93,024	\$465,122
General Capital Monthly Assessment	\$19,574	\$11,434	\$7,752	\$38,760

**SAM**  
**Capital Asset Management**  
**Improvement Schedule**

*Five-Year View*

**Current Items**

<b>Current Improvements</b>	<b>FY07-08</b>	<b>FY08-09</b>	<b>FY09-10</b>	<b>FY10-11</b>	<b>FY11-12</b>	<b>5 Yr Total</b>
<b>Administration</b>						
(none)						\$ -
Current Admin Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Treatment</b>						
Fire System Sprinkler Pipe Replacement	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Purchase and Install Primary Pump No. 2	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ 35,000
Replace Admin Building Ventilator	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
Replace Air Supply Fan, Digester Building	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Replace Air Supply Fan, Belt Press Room	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Replace Three Chemical Pumps	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Install Primary Pump No. 1	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000
Replace Cross Conveyor	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000
Data Gathering PLC for SCADA	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ 12,000
Replace Flights and Chain	\$ -	(included in the Continuing Capital Budget)				\$ -
Current Treatment Total	\$ 142,000	\$ -	\$ -	\$ -	\$ -	\$ 142,000
<b>Admin and Treatment Totals</b>	<b>\$ 142,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 142,000</b>



**Replace**

**Fire System Sprinkler Pipe Replacement**

**Improvement Description:**

Replace Plant Fire System Sprinkler Pipe with stainless steel.

**Improvement Justification:**

The existing system is 24 years old. Portions of the exterior fire sprinkler piping has oxidized to the point of eminent failure with one portion actually failing. The cause of the failure is rusting due to exposure to the coastal atmospheric elements. These areas will be replaced with stainless steel piping which will stand up to the elements.

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	Jul-07
Board Approval - Bids	
Purchase	Aug-07
Complete Installation	Aug-07
Board Acceptance	

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	
Construction Management	
Purchase	\$ 40,000
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ 40,000</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Replace****Purchase and Install Primary Pump No. 2****Improvement Description:**

Purchase and install SAM Primary Pump No. 2:

Purchase cost \$20,000

Installation cost \$15,000

**Improvement Justification:**

Primary pump no. 2 is 24 years old, has reached the end of its reliably useful life, and is in need of replacement. The pump is used to transfer primary sludge to the sludge digesters. It operates approximately 4 hours per day, 7 days per week. It is designed to reliably pump very abrasive raw sludge.

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	Jul-07
Board Approval - Bids	
Purchase	Oct-07
Complete Installation	
Board Acceptance	

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	
Construction Management	
Purchase	\$ 35,000
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ 35,000</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Replace****Replace Admin Building Ventilator****Improvement Description:**

Replace the SAM Admin Building Ventilators (4) with a unit that will better withstand the Coastside environment.

**Improvement Justification:**

SAM Admin bldg ventilator units are 7 years old, have reached the end of their reliably useful life, and are in need of replacement. Useful life is considered to be 7 years. The ventilators on the SAM Administration Building have deteriorated over time due to the Coastal environment. These units will be replaced with more robust units that will withstand the elements better. The existing unit has extensive describe damage, wear, non-functionality. Expected replacement cost is \$7,500.

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	Jul-07
Board Approval - Bids	
Purchase	Oct-o7
Complete Installation	Oct-07
Board Acceptance	

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	
Construction Management	
Purchase	\$ 30,000
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ 30,000</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 30,000</b>	<b>\$ 30,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Replace****Replace Air Supply Fan, Digester Building****Improvement Description:**

Replace air supply fan in the Digester control building.

**Improvement Justification:**

The existing fan is 10 years old, has reached the end of its reliably useful life, and is in need of replacement. These fans have a life expectancy of 10 years. The ventilators in the Digester Control Building have deteriorated over time due to the Coastal environment. These units will be replaced with more robust units that will withstand the elements better.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	Jul-07
Board Approval - Bids	
Purchase	Oct-07
Complete Installation	Oct-07
Board Acceptance	

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	
Construction Management	
Purchase	\$ 25,000
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ 25,000</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Replace****Replace Air Supply Fan, Belt Press Room****Improvement Description:**

Replace air supply fan system for Belt Filter Press Room.

**Improvement Justification:**

The ventilator on the SAM Belt Filter Press Room is 10 years old, has reached the end of its reliably useful life, and is in need of replacement. Useful life is considered to be 10 years. It has deteriorated over time due to the coastal environment. This units will be replaced with more robust unit that will withstand the elements better.

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	Jul-07
Board Approval - Bids	
Purchase	Oct-07
Complete Installation	Oct-07
Board Acceptance	

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	
Construction Management	
Purchase	\$ 25,000
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ 25,000</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Replace****Replace Three Chemical Pumps****Improvement Description:**

Replace three chemical pumps in the chemical storage area.

**Improvement Justification:**

The 3 chemical pumps are 7 years old, have reached the end of their reliably useful lives, and are in need of replacement. The pumps are used to feed disinfection and dechlorination chemicals. They operate approximately 24 hours per day, 7 days per week. They are designed to reliably pump very corrosive chemicals.

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	Aug-07
Board Approval - Bids	
Start Construction	Oct-07
Complete Construction	Oct-07
Board Acceptance	

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	
Construction Management	
Construction	\$ 20,000
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ 20,000</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Replace****Install Primary Pump No. 1****Improvement Description:**

Install SAM Primary Pump No. 1.  
 Purchase cost \$0 (Pump has already been purchased)  
 Installation cost \$15,000

**Improvement Justification:**

Primary pump no. 1 is 24 years old, has reached the end of its reliably useful life, and is in need of replacement. A replacement has been purchased and is in stock; this request is for installation of Primary Pump No. 1. The pump is used to transfer primary sludge to the sludge digesters. It operates approximately 4 hours per day, 7 days per week. It is designed to reliably pump very abrasive raw sludge.

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	Jul-07
Board Approval - Bids	
Purchase	Oct-07
Complete Installation	
Board Acceptance	

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	
Construction Management	
Purchase	\$ 15,000
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ 15,000</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Replace****Replace Cross Conveyor****Improvement Description:**

Replace the sludge conveyor which distributes dewatered sludge to one of two bins

**Improvement Justification:**

The current Belt Filter Press Cross Conveyor is 15 years old, has reached the end of its reliably useful life, and is in need of replacement. The conveyor is used to distribute dewatered sludge between the two sludge bins. It operates approximately 10 hours per day, up to 5 days per week. The current conveyor was salvaged from the previous plant. The conveyor will be replaced with a better quality stainless steel unit able to withstand the elements.

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	Feb-08
Board Approval - Bids	
Start Installation	Apr-08
Complete Installation	Apr-08
Board Acceptance	

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	
Construction Management	
Construction	\$ 15,000
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ 15,000</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>



**Improve****Data Gathering PLC for SCADA****Improvement Description:**

Install small (P Logic Controller) PLC which continuously keeps remote data updated at Plant SCADA site. This will save time whenever pages load.

**Improvement Justification:**

Currently when a SCADA page is viewed, the SCADA system queries the remote location then receives the most recent data. This takes up to 8 seconds. This is too long because pages are viewed many times per day. The new PLC will continuously update the SCADA system, making it more responsive.

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	Aug-07
Board Approval - Bids	
Start Installation	Sep-07
Complete Installation	Sep-07
Board Acceptance	

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	
Construction Management	
Construction	\$ 12,000
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ 12,000</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 12,000</b>	<b>\$ 12,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Replace****Replace Flights and Chain****Improvement Description:**

Replace flights and chain in primary clarifiers 2 and 3.

**Improvement Justification:**

Primary flight and chain are essential elements of the primary clarifier. The chain and flights in the primary clarifiers are used to collect settled sludge so that it can be removed. These components are 5 years old, have reached the end of their reliably useful life, and are in need of replacement. These parts have a life expectancy of about 5 years.

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	
Board Approval - Bids	
Purchase	
Complete Installation	Aug-07
Board Acceptance	

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	
Construction Management	
Purchase	continuing
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ -</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**SAM**  
**Capital Asset Management**  
**Improvement Schedule**

*Five-Year View*  
**Continuing Items**

<b>Continuing Items</b>	<b>FY07-08</b>	<b>FY08-09</b>	<b>FY09-10</b>	<b>FY10-11</b>	<b>FY11-12</b>	<b>5 Yr Total</b>
<b>Administration</b>						
Flooring Admin Building	\$ 2,469	\$ 2,469	\$ 2,469	\$ 2,469	\$ 2,469	\$ 12,345
Replace Photocopier	\$ 3,255	\$ 3,255	\$ 3,255	\$ 3,255	\$ 3,255	\$ 16,277
Admin Continuing Total	\$ 5,724	\$ 5,724	\$ 5,724	\$ 5,724	\$ 5,724	\$ 28,622
<b>Treatment</b>						
Repair & Replacement	\$ 43,406	\$ 43,406	\$ 43,406	\$ 43,406	\$ 43,406	\$ 217,030
Preliminary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Primary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Replace Pri. Chains and Flights	\$ 7,596	\$ 2,532	\$ 2,532	\$ 2,532	\$ 2,532	\$ 17,724
Replace Primary Pumps	\$ 7,596	\$ 2,532	\$ 2,532	\$ 2,532	\$ 2,532	\$ 17,724
Secondary						
Fine Air Diffuser Retro-fit for Aeration Basins 1&2	\$ 45,576	\$ 45,576	\$ 45,576	\$ -	\$ -	\$ 136,729
Effluent						
Replace Effluent Pump VFD	\$ 7,596	\$ 7,596	\$ 7,596	\$ 7,596	\$ 7,596	\$ 37,980
Rebuild Effluent Pump No. 2.	\$ 1,085	\$ 1,085	\$ 1,085	\$ 1,085	\$ 1,085	\$ 5,426
Outfall Inspection and Repair	\$ 18,990	\$ 18,990	\$ 18,990	\$ 18,990	\$ 18,990	\$ 94,950
Digesters						
Digester Cleaning	\$ 7,596	\$ 7,596	\$ 7,596	\$ 7,596	\$ 7,596	\$ 37,980
Bottom Transfer Pump	\$ 1,543	\$ 1,543	\$ 1,543	\$ 1,543	\$ 1,543	\$ 7,715
Solids Handling						
Polyblend	\$ 2,939	\$ 2,939	\$ 2,939	\$ 2,939	\$ 2,939	\$ 14,695
Admin Building						
Laboratory Equipment Upgrades (Samplers)	\$ 3,527	\$ 3,527	\$ 3,527	\$ 3,527	\$ 3,527	\$ 17,634
Major Equipment Parts Inventory	\$ 21,703	\$ 21,703	\$ 21,703	\$ 21,703	\$ 21,703	\$ 108,515
Roof top HVAC unit for Administration building	\$ 16,277	\$ 16,277	\$ 16,277	\$ 16,277	\$ 16,277	\$ 81,386

**SAM**  
**Capital Asset Management**  
**Improvement Schedule**

*Five-Year View*  
**Continuing Items**

Sitework	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicles	\$ 19,635	\$ 19,635	\$ 19,635	\$ 19,635	\$ 19,635	\$ 98,176
Generators	\$ 108,515	\$ 108,515	\$ 27,129	\$ 27,129	\$ 27,129	\$ 298,416
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Power Monitoring, Plant	\$ 3,817	\$ 3,817	\$ 3,817	\$ 3,817	\$ 3,817	\$ 19,083
Treatment Continuing Total	\$ 317,397	\$ 307,269	\$ 225,883	\$ 180,307	\$ 180,307	\$ 1,211,163
<b>Admin and Treatment Totals</b>	<b>\$ 323,122</b>	<b>\$ 312,994</b>	<b>\$ 231,607</b>	<b>\$ 186,031</b>	<b>\$ 186,031</b>	<b>\$ 1,239,785</b>

Note: Each year, the amounts for these Continuing Capital Projects are increased by the percentage increase in the Engineering News Record (ENR) Index. The index values are provided here:

20 Cities	Jan-06	Jan-07
ENR	7660	7880

## Section 3a

# Collection System Operating Budget

- Collection System Operating Budget Assessments
- Line Item Detail

**SEWER AUTHORITY MID-COASTSIDE**

FY2007-08 Collection System Budget Assessment

	<b>HMB</b>	<b>GSD</b>	<b>MWSD</b>	<b>Total</b>
Collection Hour Distribution	<b>29.5%</b>	<b>35.5%</b>	<b>35.0%</b>	<b>100.0%</b>
Fixed Insurance Cost (pass-thru)	\$17,139	\$13,825	\$29,144	\$60,108
Collection Operating Subtotal	\$191,668	\$230,322	\$226,975	\$648,965
Collection Operating Total	\$208,807	\$244,147	\$256,119	\$709,073
Less Carryover from FY05-06	\$23,777	\$18,084	\$18,160	\$60,021
Annual Operating Assessment	\$185,030	\$226,063	\$237,959	\$649,052
<u>Operating Monthly Assessment</u>	<u>\$15,419</u>	<u>\$18,839</u>	<u>\$19,830</u>	<u>\$54,088</u>
Collection Capital Total	\$20,120	\$24,177	\$23,826	\$68,123
<u>Capital Monthly Assessment</u>	<u>\$1,677</u>	<u>\$2,015</u>	<u>\$1,985</u>	<u>\$5,677</u>
Total Collection Budget	\$205,150	\$250,240	\$261,785	\$717,175
<u>Total Collection Monthly Assessment</u>	<u>\$17,096</u>	<u>\$20,853</u>	<u>\$21,815</u>	<u>\$59,765</u>

The Collection Operating Budget is distributed based on average employee hours.

Insurance costs are costs for individual liability insurance for all three member agencies to cover sewage overflows, especially into homes. Insurance costs also include liability insurance for MWSD's water system. Because these costs are not subject to assessment based on average employee hours, they are pass-through costs.

The fixed insurance cost is subtracted from the total Collection Operating Budget. The difference is distributed amongst the member agencies based on average employee hours.

Sewer Authority Mid-Coastside  
Collection  
As of February 28, 2007

Months

8

Acct #	Account Name	Budgeted Amount FY06-07	To Date	Projected Expenditures through end FY06-07	Budgeted Amount FY07-08	Increase / (Decrease)
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**Income Accounts**

4024001	Collection System Assess HMB	268,908	179,272	268,908	191,694	(77,214)
4024002	Collection System Asses-GSD	142,656	95,104	142,656	230,352	87,696
4024003	Collection System Asses-MWSD	226,116	150,744	226,116	227,005	889
4024004	Operating Fund Collections Capital HMB	32,916	21,944	32,916	20,120	(12,796)
4024005	Operating Fund Collections Capital GSD	16,488	10,992	16,488	24,177	7,689
4024006	Operating Fund Collections Capital MWSD	26,832	17,888	26,832	23,826	(3,006)
Total	Collection System Assessments	713,916	475,944	713,916	717,175	3,259
	Carryover from previous fiscal year	(45,499)	---	---	60,021	105,520
	Insurance Dividend					0
40810	Misc. Revenue Collection	8,000	424			(8,000)
	Interest Revenue					0
	Sale of Equipment		0	0		0
<b>Total Income</b>		<b>676,417</b>	<b>476,368</b>	<b>713,916</b>	<b>777,196</b>	<b>100,778</b>

**Expense Accounts**

**Collection Expenses**

No #	Depreciation	0	0			
5024001	Productive Payroll-Coll	316,733	192,000	288,001	366,986	50,253
5024002	Overtime-Coll	27,399	12,705	19,058	25,100	(2,299)
5024003	Restricted Standby - Coll	0	0	0		0
5024004	Benefits-Coll	119,493	59,985	89,977	167,414	47,921
5024006	Overtime Meals-Coll	250	0	0	250	0
5024008	Retire Benefits-Coll	0	0	0	1,100	1,100
5054002	Laundry Service	1,500	517	776	1,500	0
5054003	Outside Lab Analysis	0	0	0	0	0
5054004	Technical / Consulting Services	45,000	11,882	17,823	45,000	0
5045005	Calibration	0	0	0	0	0

Sewer Authority Mid-Coastside  
Collection  
As of February 28, 2007

Months

8

Acct #	Account Name	Budgeted Amount FY06-07	To Date	Projected Expenditures through end FY06-07	Budgeted Amount FY07-08	Increase / (Decrease)
5054006	Outside Service-HMB	0	0	0	0	0
5054007	Outside Service-GSD	0	0	0	0	0
5054008	Outside Service-MWSD	0	0	0	0	0
5084013	Skills Improvement	1,500	659	989	1,500	0
50940	Meetings and Travel	400	0	0	400	0
5104001	Safety Training	0	0	0	0	0
5104002	Safety Shoes	0	0	0	720	720
5104003	Personal Equipment	720	85	128	720	0
5104004	Safety Physicals	750	0	0	750	0
5124002	Liability Insurance	57,533	33,959	50,939	57,533	0
5124004	All-Risk Insurance	1,341	0	0	1,350	9
5134004	Water	2,000	1,197	1,795	2,000	0
5144007	Radio System	500	33	49	500	0
5154001	Diesel	3,500	2,747	4,121	5,000	1,500
5154002	Gasoline	2,800	1,783	2,674	3,000	200
5154003	Lubricants	250	0	0	250	0
5164002	Maintenance	500	1,700	2,550	4,000	3,500
5164003	General	500	3,832	5,748	7,500	7,000
5184002	Vehicles	3,000	2,952	4,427	3,000	0
5184006	Sewer Line-HMB	0	7,322	10,984	0	0
5184007	Sewer Line-GSD	0	3,080	4,620	0	0
5184008	Sewer Line-MWSD	0	396	594	0	0
5184009	Lift Station-HMB	0	6,538	9,806	0	0
5184010	Lift Station-GSD	0	0	0	0	0
5184011	Lift Station-MWSD	0	12,777	19,165	0	0
5184012	SAM Collection Equipment	5,000	6,165	9,248	12,000	7,000
5204001	Mechanical Tools	1,000	0	0	1,000	0
5204002	General (Collection Crew Tools)	500	271	407	500	0
<b>Total Collection Expenses</b>		<b>592,169</b>	<b>362,587</b>	<b>543,880</b>	<b>709,073</b>	<b>116,904</b>



# Collection System Capital Budget

- Collection System Capital Budget Assessments
- Collection Current Capital Budget Schedule
- Individual Capital Improvement Project Sheets (none this fiscal year)
- Continuing Capital Budget Schedule

# SEWER AUTHORITY MID-COASTSIDE

## FY2007-08 Capital Budget Assessments

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	<b>Collection Capital Budget</b>			
	<b>HMB</b>	<b>GSD</b>	<b>MWSD</b>	<b>Total</b>
Hours Distribution	29.5%	35.5%	35.0%	100.0%
Current	\$0	\$0	\$0	\$0
Continuing	\$20,120	\$24,177	\$23,826	\$68,123
Total	\$20,120	\$24,177	\$23,826	\$68,123
Monthly Assessment	\$1,677	\$2,015	\$1,985	\$5,677

**SAM**  
**Capital Asset Management**  
**Improvement Schedule**

*Five-Year View*

**Current Items**

Collection						
Current Improvements	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12	5 Yr Total
(none)						\$ -
<b>Collection Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**SAM  
Capital Asset Management  
Improvement Schedule**

*Five-Year View*  
**Continuing Items**

	<b>FY07-08</b>	<b>FY08-09</b>	<b>FY09-10</b>	<b>FY10-11</b>	<b>FY11-12</b>	<b>5 Yr Total</b>
<b>Collection</b>						
Vehicles	\$ 63,714	\$ 63,714	\$ 63,714	\$ 63,714	\$ 63,714	\$ 318,569
Video Accessories	\$ 4,409	\$ 4,409	\$ 4,409	\$ 4,409	\$ 4,409	\$ 22,044
<b>Collection Totals</b>	<b>\$ 68,123</b>	<b>\$ 68,123</b>	<b>\$ 68,123</b>	<b>\$ 68,123</b>	<b>\$ 68,123</b>	<b>\$ 340,613</b>

Note: Each year, the amounts for these Continuing Capital Projects are increased by the percentage increase in the Engineering News Record (ENR) Index. The index values are provided here:

20 Cities	Jan-06	Jan-07
ENR	7660	7880

## Section 4

# Non-Domestic Waste Source Control Program

- Non-Domestic Waste Source Control Program  
Operating Budget
- Line Item Detail
- NDWSCP Capital Budget Assessments (none this fiscal year)

**SEWER AUTHORITY MID-COASTSIDE**

Non-Domestic Waste Source Control Program Operating Budget

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FY2007-08

	FY2006-07	FY2007-08	Change	
			\$	%
Total Budget	\$14,137	\$20,865	\$6,728	47.6%

\*\* Non-Domestic Waste Source Control Program costs are not included in assessment figures because this program is funded entirely by commercial users and not Member Agencies.

Sewer Authority Mid-Coastside  
 Non-Domestic Waste Source Control Program  
 As of February 28, 2007

Months  

8
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Acct #	Account Name	Budgeted Amount FY06-07	To Date	Projected Expenditures through end FY06-07	Budgeted Amount FY07-08	Increase / (Decrease)
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**Income Accounts**

4043001	NDWSCP Revenue-Operating Fee	0	24,217	36,325	20,565	20,565
4043003	NDWSCP Revenue-Late Fee	0	404	607	300	300
	Carryover from previous fiscal year		---	---		0
	Insurance Dividend					0
	Interest Revenue		0	0		0
	Sale of Equipment		0	0		0
	<b>Total Income</b>	<b>0</b>	<b>24,621</b>	<b>36,932</b>	<b>20,865</b>	<b>20,865</b>

**Expense Accounts**

**NDWSCP Expenses**

5023001	Productive Payroll-NDWSCP	9,169	0	0	12,376	3,207
5023002	Overtime-NDWSCP	0	0	0	0	0
5023004	Benefits-NDWSCP	3,068	0	0	6,589	3,521
5023008	Retire Benefits-NDWSCP	0	0	0	0	0
5043004	Legal Fees	1,000	0	0	1,000	0
5073000	Printing & Publication	250	67	101	250	0
5083000	Skills Improvement	250	30	45	250	0
5093000	Meetings & Travel	50	0	0	50	0
5113000	Office Expense	100	0	0	100	0
5113001	Postage	250	0	0	250	0
5173001	NDWSCP Chemicals	0	0	0		0
5173002	NDWSCP Maintenance	0	0	0		0
5173003	NDWSCP General	0	0	0		0
	<b>Total NDWSCP Expenses</b>	<b>14,137</b>	<b>97</b>	<b>146</b>	<b>20,865</b>	<b>6,728</b>

# SEWER AUTHORITY MID-COASTSIDE

## FY2007-08 Capital Budget Assessments

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	<b>NDWSCP Capital Budget</b>			
	<b>HMB</b>	<b>GSD</b>	<b>MWSD</b>	<b>Total</b>
N/A	---	---	---	---
Current	\$0	\$0	\$0	\$0
Continuing	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0
Monthly Assessment	\$0	\$0	\$0	\$0



## Section 5

*NOT APPROVED – INCLUDED FOR INFORMATIONAL PURPOSES*

### IPS / Pump Station Capital Budget

- IPS / Pump Station Capital Budget Assessments
- IPS / Pump Station Current Capital Budget Schedule
- Individual Capital Improvement Project Sheets
- Continuing Capital Budget Schedule

# SEWER AUTHORITY MID-COASTSIDE

## FY2007-08 Capital Budget Assessments

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	<b>IPS / Pump Station Capital Budget</b>			
	<b>HMB</b>	<b>GSD</b>	<b>MWSD</b>	<b>Total</b>
Ownership	50.5%	29.5%	20.0%	100.0%
Current	\$0	\$0	\$0	\$0
Continuing	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0
Monthly Assessment	\$0	\$0	\$0	\$0

**SAM**  
**Capital Asset Management**  
**Improvement Schedule**

*Five-Year View*

**Current Items**

<b>IPS / Pump Stations</b>						
<b>Current Improvements</b>	<b>FY07-08</b>	<b>FY08-09</b>	<b>FY09-10</b>	<b>FY10-11</b>	<b>FY11-12</b>	<b>5 Yr Total</b>
Wet Weather Capital Improvement Program	\$ 565,796	\$ 462,924	\$ 1,491,645	\$ 1,872,272	\$ 133,734	<b>\$ 4,526,371</b>
Montara Pump Station Gen Bldg Roof Rep.	\$ 25,000	\$ -	\$ -	\$ -	\$ -	<b>\$ 25,000</b>
Replace Princeton Controller	\$ 15,000	\$ -	\$ -	\$ -	\$ -	<b>\$ 15,000</b>
Replace Princeton Pump Station in 2013	\$ -	\$ 74,200	\$ 74,200	\$ 74,200	\$ 74,200	<b>\$ 296,800</b>
Improve Portola Pump Station Wet well	\$ -	\$ 30,000	\$ -	\$ -	\$ -	<b>\$ 30,000</b>
Install Power Monitors in Pump Stations	\$ -	\$ 30,000	\$ -	\$ -	\$ -	<b>\$ 30,000</b>
<b>IPS / Pump Stations Totals</b>	<b>\$ -</b>	<b>\$ 597,124</b>	<b>\$ 1,565,845</b>	<b>\$ 1,946,472</b>	<b>\$ 207,934</b>	<b>\$ 4,317,374</b>

**Improve****Wet Weather Capital Improvement - Phase II****Improvement Description:**

In 1996, SAM embarked on a Wet Weather Management Plant and Capital Improvement Program. After initial flow monitoring and analysis, a multi-phase improvement plan was started.

In 2003, the first phase was completed – construction of a 0.5 million gallon storage facility in Montara. This phase was followed by the flow monitoring phase. The flow monitoring phase resulted in an improved hydraulic model with which consultants were able to identify the best alternatives for Phase II

SAM is aggressively pursuing grant funding (up to \$3M) for these alternatives. Following the completion of this project, SAM will execute a flow monitoring project to update SAM's hydraulic model.

**Improvement Justification:**

This project consists of constructing either a 600,000-gallon, reinforced concrete, underground storage tank or an 8,800 ft section parallel force main.

Costs for Phase II were spread over the four fiscal years. FY07-08 costs, \$822,977, are for preliminary design and land acquisition. The remainder of the costs are in fiscal years FY08-09, FY 09-10 and FY10-11. This is based on a revised estimate of time required for design, land acquisition, and permitting. This schedule also allows the Member Agencies the opportunity to address funding alternatives. Flow monitoring for evaluation purposes, will follow the construction of this project. The annual cost of flow monitoring is estimated to be approximately \$134,000.

The FY2007-08 operating budget again allows for temporary storage units for two wet weather seasons.

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP.

Subsequent Wet Weather Improvements will be based on the performance of this project and the results of subsequent hydraulic modeling.

<b>Schedule</b>	
Board Approval - Project	Jan-08
Board Approval - Bids	Jul-08
Start Construction	Apr-09
Complete Construction	Oct-09
Board Acceptance	Dec-09

<b>Improvement Cost Development</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
Design / Consulting	\$ 411,488	\$ 308,616	\$ -	\$ 102,872	\$ -	
Land Acquisition / Permitting	\$ 1,028,721	\$ 257,180	\$ 257,180	\$ 514,360	\$ -	
Construction	\$ 2,108,877	\$ -	\$ 205,744	\$ 874,413	\$ 1,028,721	
Contingency (20%)	\$ 709,817	\$ -	\$ -	\$ -	\$ 709,817	
Flow Monitoring/Hydraulic Modeling	\$ 267,467			\$ -	\$ 133,734	\$ 133,734
<b>Total</b>	<b>\$ 4,526,371</b>	<b>\$ 565,796</b>	<b>\$ 462,924</b>	<b>\$ 1,491,645</b>	<b>\$ 1,872,272</b>	<b>\$ 133,734</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 4,526,371</b>	<b>\$ 565,796</b>	<b>\$ 462,924</b>	<b>\$ 1,491,645</b>	<b>\$ 1,872,272</b>	<b>\$ 133,734</b>

**Improve / Replace****Montara Pump Station Gen Bldg Roof Rep.****Improvement Description:**

Replaces the roof of the Montara Pump Station Generator Building.

**Improvement Justification:**

The current roof is in need of replacement. Additionally, fascia needs to be replaced and painted. The current roof age is estimated to be 20+ years

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	Aug-07
Board Approval - Bids	Sep-07
Start Construction	Oct-07
Complete Construction	Oct-07
Board Acceptance	Oct-07

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	
Construction Management	
Construction	\$ 25,000
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ 25,000</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Replace****Replace Princeton Controller****Improvement Description:**

Replace Princeton Pump Station Programmable Logic Controller

**Improvement Justification:**

This work will replace the old controller with a modern, more expandable PLC. The current unit is 10 years old, has reached the end of its reliably useful life, and is in need of replacement. Useful life is considered to be 10 years. The unit needs to be replaced immediately, even though the pump station will be replaced in 5 years. This is so because ongoing reliability is essential.

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	Jul-07
Board Approval - Bids	
Purchase	Aug-07
Complete Installation	Aug-07
Board Acceptance	

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	
Construction Management	
Purchase	\$ 15,000
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ 15,000</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Improve****Replace Princeton Pump Station in 2013****Improvement Description:**

Replace Princeton Pump Station in 2013

**Improvement Justification:**

The current Princeton Pump Station has been in service since 1983. It was added on to an older station using the same (older) technology. Currently, maintenance requirements are high due to the wet well configuration, etc. which tends to collect grit and grease, adding risk to the station operation. This station was highlighted in the EPA NPDES Compliance Evaluation Report. The report highlighted failure caused by corrosion and grease accumulation. The new station configuration enables easy grease and grit management due to modern design.

The expenditures for this replacement are spread-out over five years in an effort to stabilize the rate increase for the Member Agencies.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	tbd
Board Approval - Bids	tbd
Start Installation	tbd
Complete Installation	tbd
Board Acceptance	

<b>Improvement Cost Development</b>	Total	FY13-14	FY14-15
Design / Consulting	\$ 82,000	\$ 41,000	\$ 41,000
Equipment	\$ 50,000	\$ 50,000	\$ -
Construction Management	\$ 30,000	\$ 15,000	\$ 15,000
Construction	\$ 300,000	\$ 150,000	\$ 150,000
In-house labor	\$ 20,000	\$ 10,000	\$ 10,000
Inspection	\$ 10,000	\$ 5,000	\$ 5,000
Contingency (10%)	\$ 41,000	\$ 20,500	\$ 20,500
<b>Total</b>	<b>\$ 371,000</b>	<b>\$ 185,500</b>	<b>\$ 185,500</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 371,000</b>		<b>\$ 74,200</b>	<b>\$ 74,200</b>	<b>\$ 74,200</b>	<b>\$ 74,200</b>

**Improve****Improve Portola Pump Station Wet Well****Improvement Description:**

Rehabilitate the Portola Pump Station Wet well

**Improvement Justification:**

The Portola Pump Station Wet well was put into service in 1983. The structure is subject to periodic hydrogen exposure which can deteriorate the concrete walls. This work will clean all effected areas and coat the entire interior with an impervious layer that will protect against future structure damage.

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	Feb-08
Board Approval - Bids	
Purchase	May-08
Complete Installation	Jun-08
Board Acceptance	

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	
Construction Management	
Purchase	\$ 30,000
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ 30,000</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 30,000</b>		<b>\$ 30,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>



**Improve****Install Power Monitors in Pump Stations****Improvement Description:**

Install Power Monitoring and Logging Equipment in SAM's three pump stations.

**Improvement Justification:**

This expenditure will allow staff to monitor and trend the incoming electrical power. We will have a means to view power usage and any problems that may occur. Additionally, staff will have clear feedback for any power saving process modifications. More specifically, this improvement will assist staff in identifying causes of seemingly random equipment trips. This equipment will monitor and provide information to the SCADA system for trending, creating a permanent record, and create diagnostic data to assist in eliminating pump station failures.

The costs for this expenditure are allocated to the member agencies based on OWNERSHIP.

**Collateral impacts**

None

<b>Schedule</b>	
Board Approval - Improvement	Jul-07
Board Approval - Bids	
Start Installation	Aug-07
Complete Installation	Aug-07
Board Acceptance	

<b>Improvement Cost Development</b>	Total
Design / Consulting	
Equipment	\$ 30,000
Construction Management	
Construction	
In-house labor	
Inspection	
Contingency (10%)	
<b>Total</b>	<b>\$ 30,000</b>

<b>Financial requirements</b>	Total	FY07-08	FY08-09	FY09-10	FY10-11	FY11-12
<b>Total</b>	<b>\$ 30,000</b>		<b>\$ 30,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**SAM**  
**Capital Asset Management**  
**Improvement Schedule**

*Five-Year View*  
**Continuing Items**

	<b>FY07-08</b>	<b>FY08-09</b>	<b>FY09-10</b>	<b>FY10-11</b>	<b>FY11-12</b>	<b>5 Yr Total</b>
<b>IPS / Pump Stations</b>						
IPS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
IPS Structural Integrity	\$ 16,198	\$ 16,198	\$ 16,198	\$ 16,198	\$ 16,198	\$ <b>80,992</b>
Appurtenances	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cathode PRV Test Stations	\$ 1,286	\$ 1,286	\$ 1,286	\$ 1,286	\$ 1,286	\$ <b>6,430</b>
Montara PS	\$ 10,799	\$ 10,799	\$ 10,799	\$ 10,799	\$ 10,799	\$ <b>53,995</b>
Montara Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Princeton PS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Princeton Bleach Tank	\$ 2,057	\$ 2,057	\$ 2,057	\$ 2,057	\$ 2,057	\$ <b>10,287</b>
Portola PS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Portola Control System	\$ 1,646	\$ 1,646	\$ 1,646	\$ 1,646	\$ 1,646	\$ <b>8,230</b>
<b>IPS / Pump Stations Totals</b>	\$ -	\$ <b>31,987</b>	\$ <b>31,987</b>	\$ <b>31,987</b>	\$ <b>31,987</b>	\$ <b>127,947</b>

Note: Each year, the amounts for these Continuing Capital Projects are increased by the percentage increase in the Engineering News Record (ENR) Index. The index values are provided here:

20 Cities	Jan-06	Jan-07
ENR	7660	7880