

# **Sanitary District No. 5 of Marin County**

**FY 2011-2012 Final Budget**

**July 19, 2011**

**Prepared by:**

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*Sanitary District No. 5 of Marin County*

**Final Consolidated Budget FY 2011-2012**

<b>Income</b>	<b>2010-11 Budget</b>	<b>2010-11 Estimated</b>	<b>2011-12 Budget</b>	<b>% Diff.</b>	<b>Belv Zone</b>	<b>Tib Zone</b>
Property Taxes	771,600	827,501	774,500	0%		774,500
Belv Sewer Service Charge Rev	1,706,100	1,655,784	2,024,100	19%	2,024,100	
Tib Sewer Service Charge Rev	1,569,200	1,585,257	1,887,200	20%		1,887,200
Interest	18,000	19,973	55,500	208%	18,101	37,399
Connection Fees	59,600	81,376	82,000	38%	25,000	57,000
Paradise Sewer Extension Fees	40,000	-	40,000	0%		40,000
Other Income	81,700	82,279	80,800	-1%	27,987	52,813
Revenue Bond Proceeds - MPR Project	-	-	10,044,800		3,537,779	6,507,021
<b>Total Budgeted Income</b>	<b>4,246,200</b>	<b>4,252,170</b>	<b>14,988,900</b>	<b>253%</b>	<b>5,632,966</b>	<b>9,355,934</b>
<b>Expense</b>						
Operating Expenses	2,628,700	2,658,845	2,498,400	-5%	865,829	1,632,571
Capital Expenses	1,072,200	593,517	1,617,400	51%	796,391	821,009
Capital Expenses - MPR Project	193,550	192,684	1,531,400	691%	539,359	992,041
<b>Total Budgeted Expenses</b>	<b>3,894,450</b>	<b>3,445,045</b>	<b>5,647,200</b>	<b>45%</b>	<b>2,201,579</b>	<b>3,445,621</b>
<b>Net Ordinary Income</b>	<b>351,750</b>	<b>807,124</b>	<b>9,341,700</b>		<b>3,431,387</b>	<b>5,910,313</b>
<b>Transfer from (to) MPR Project Fund</b>	<b>-</b>	<b>-</b>	<b>(8,548,900)</b>		<b>(3,010,923)</b>	<b>(5,537,977)</b>
<b>Transfer from (to) Capital Reserve Fund</b>	<b>(351,750)</b>	<b>(807,124)</b>	<b>(792,800)</b>		<b>(420,464)</b>	<b>(372,336)</b>

# **Sanitary District No. 5 of Marin County**

**FY 2011-2012  
Operating Budget**

**Sanitary District #5 of Marin County**  
**Final**  
**Operating Budget**  
**FY 2011-2012**

	2010-11 Budget	2010-11 Estimated	2011-12 Ops Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Ops	Belv Ops	P.C. Ops
<b>Income</b>								
Tib Property Tax Current Secured - Ops	91,000	88,488	0	-100%		0		0
Belvedere Sewer Service Charge - Ops	870,100	844,450	840,000	-3%			840,000	
Tiburon Sewer Service Charge - Ops	1,551,200	1,563,723	1,541,400	-1%	\$320k shifted to Cap	1,482,981		58,419
Other User Fees	18,000	21,534	25,800	43%		25,800		
Interest Earnings	18,000	19,973	20,000	11%		13,856	5,598	546
Inspection Fees	2,800	5,028	2,800	0%		1,500	1,100	200
SASM Expense Reimbursement	51,400	49,418	49,400	-4%		31,320	17,028	1,052
Nextel Lease	27,400	27,484	28,500	4%		18,069	9,824	607
Other Income	100	349	100	0%		63	34	2
<b>Total Income</b>	<b>2,630,000</b>	<b>2,620,447</b>	<b>2,508,000</b>	<b>-5%</b>		<b>1,573,589</b>	<b>873,585</b>	<b>60,826</b>

**Sanitary District #5 of Marin County**  
**Final**  
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	2010-11 Budget	2010-11 Estimated	2011-12 Ops Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Ops	Belv Ops	P.C. Ops
<b>Expense Administrative</b>								
Advertising	600	464	600	0%		380	207	13
Outreach & Newsletter	4,000	2,654	4,000	0%	Two newsletters	2,536	1,379	85
Audit & Accounting	17,000	14,000	17,000	0%	Extra audit work due to MPR debt financing	10,778	5,860	362
Consulting Fees	20,000	34,599	10,000	-50%	MPR & rate structure evaluation	6,340	3,447	213
Travel & Meetings	9,000	14,519	9,000	0%		5,706	3,102	192
Contributions	200	0	200	0%		127	69	4
Continuing Education	9,000	9,000	9,000	0%		5,706	3,102	192
County Fees	13,500	12,396	13,000	-4%	SB2557 & LAFCO	11,851	689	460
Directors Fees	9,000	9,500	9,000	0%		5,706	3,102	192
Dues & Subscriptions	15,000	8,507	12,000	-20%		7,608	4,136	256
Elections	0	0	8,300	0%		5,262	2,861	177
Insurance Property & Liability	47,000	52,609	43,000	-9%	Pooled liability, auto, property	27,262	14,822	916
Legal	30,000	36,184	30,000	0%		19,020	10,341	639
Office Supplies	10,000	4,421	8,000	-20%		5,072	2,758	170
Data/Alarms/IT Support & Licensing	65,000	53,000	25,000	-62%	Due to MPR	15,850	8,618	533
Postage	1,400	1,408	1,400	0%		888	483	30
Pollution Prevention	4,800	3,500	3,500	-27%		2,219	1,206	75
Safety	20,000	18,204	10,000	-50%		6,340	3,447	213
Miscellaneous Expense	0	0	0	0%		0	0	0
<b>Total Administrative</b>	<b>275,500</b>	<b>274,965</b>	<b>213,000</b>	<b>-23%</b>		<b>138,651</b>	<b>69,629</b>	<b>4,720</b>
<b>Maintenance and Repair</b>								
<b>Pumps &amp; Lines Maintenance</b>								
Pumps & Lines Maintenance	20,000	125,972	20,000	0%	Purchased rodder truck. Easement cleaning.	9,621	10,000	379
Sewer Line Spot Repair	0	0	0	0%	Defer due to capital expenses	0	0	0
<b>Total Pumps &amp; Lines Maintenance</b>	<b>20,000</b>	<b>125,972</b>	<b>20,000</b>	<b>0%</b>		<b>9,621</b>	<b>10,000</b>	<b>379</b>
<b>Main Plant Maintenance</b>								
Plant Maintenance Supplies	15,000	12,530	10,000	-33%	Due to MPR	6,478	3,522	
Plant Maint. Parts & Service	40,000	26,240	15,000	-63%	Due to MPR	9,717	5,283	
Janitorial Supplies & Service	6,000	3,200	5,000	-17%		3,239	1,761	
Main Plant Chemicals	95,000	110,093	95,000	0%		61,541	33,459	

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	2010-11 Budget	2010-11 Estimated	2011-12 Ops Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Ops	Belv Ops	P.C. Ops
<b>Lab Supplies &amp; Chemicals</b>	6,000	7,517	7,000	17%		4,535	2,465	
<b>SASM Supplies &amp; Chemicals</b>	51,400	49,418	49,400	-4%	Reimbursed by SASM	32,001	17,399	
<b>Electrical &amp; Instrument</b>	20,000	12,053	5,000	-75%	Due to MPR	3,239	1,761	
<b>Grounds Maintenance</b>	5,400	3,975	2,700	-50%	No tree trimming	1,749	951	
<b>Main Plant Sludge Disposal</b>	24,000	19,154	21,000	-13%		13,604	7,396	
<b>Total Main Plant Maintenance</b>	262,800	244,180	210,100	-20%		136,103	73,997	0
<b>Paradise Cove Plant Maintenance</b>								
<b>Paradise Parts &amp; Service</b>	6,000	6,420	11,000	83%	Painting P.C. plant			11,000
<b>Paradise Supplies &amp; Chemicals</b>	1,300	2,247	2,000	54%				2,000
<b>Paradise Sludge Disposal</b>	7,500	5,407	7,500	0%				7,500
<b>Total Paradise Cove Plant Maintenance</b>	14,800	14,074	20,500	39%		0	0	20,500
<b>Monitoring</b>								
<b>Main Plant Lab Monitoring</b>	42,000	36,453	35,000	-17%		22,673	12,327	
<b>Chronic Toxicity Program Eval</b>	7,000	4,000	0	-100%	Complete	0	0	
<b>Paradise Cove Monitoring</b>	5,200	9,749	5,200	0%				5,200
<b>Total Monitoring</b>	54,200	50,202	40,200	-26%		22,673	12,327	5,200
<b>Permits/Fees</b>								
<b>Paradise Cove NPDES Renewal</b>	50,000	44,748	0		Complete - required every 5 yrs			0
<b>Paradise Cove Permits/Fees</b>	3,000	2,839	3,000	0%				3,000
<b>Permits/Fees - General</b>	23,000	23,082	23,000	0%		14,899	8,101	
<b>Total Permits/Fees</b>	76,000	70,669	26,000	-66%		14,899	8,101	3,000
<b>Truck Maintenance</b>								
<b>Truck Maintenance</b>	5,000	3,972	4,000	-20%		2,536	1,379	85
<b>Fuel</b>	7,500	10,372	9,000	20%		5,706	3,102	192
<b>Total Truck Maintenance</b>	12,500	14,344	13,000	4%		8,242	4,481	277

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	2010-11 Budget	2010-11 Estimated	2011-12 Ops Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Ops	Belv Ops	P.C. Ops
<b>Salaries &amp; Benefits</b>								
Salaries	852,400	811,072	885,000	4%		561,090	305,060	18,851
Part-Time	26,000	25,967	0	-100%		0	0	0
Overtime	30,000	54,000	35,000	17%	Due to MPR	22,190	12,065	746
Standby Pay	17,000	17,198	18,000	6%		11,412	6,205	383
Vacation Buyout	30,000	40,669	30,000	0%		19,020	10,341	639
Car Allowance	6,000	6,000	6,000	0%		3,804	2,068	128
Payroll Taxes	73,500	70,866	74,500	1%		47,233	25,680	1,587
PERS Retirement	297,400	291,101	326,800	10%		207,191	112,648	6,961
Employee Health, Dental, Life Ins, SDI, Vision	152,800	132,824	157,400	3%		99,792	54,256	3,353
Retiree Health	112,100	96,000	113,400	1%	GASB 45 - now fully prefunding OPEB costs	71,896	39,089	2,415
Workers Comp Insurance	19,900	17,643	20,300	2%		12,870	6,997	432
Payroll Fees	4,900	4,615	4,900	0%		3,107	1,689	104
<b>Total Salaries &amp; Benefits</b>	<b>1,622,000</b>	<b>1,567,955</b>	<b>1,671,300</b>	<b>3%</b>		<b>1,059,604</b>	<b>576,097</b>	<b>35,599</b>
<b>Uniforms</b>	<b>7,700</b>	<b>9,702</b>	<b>6,000</b>	<b>-22%</b>	<b>Purchase pants instead of service</b>	<b>3,804</b>	<b>2,068</b>	<b>128</b>
<b>Telephone</b>								
Main Plant Telephones	13,000	11,329	12,500	-4%		8,098	4,403	
Paradise Cove Telephones	5,400	1,332	1,500	-72%				1,500
Pumps & Lines Telephones	3,800	7,584	7,500	97%		3,555		3,945
<b>Total Telephone</b>	<b>22,200</b>	<b>20,245</b>	<b>21,500</b>	<b>-3%</b>		<b>11,653</b>	<b>4,403</b>	<b>5,445</b>

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						Tib Ops	Belv Ops	P.C. Ops
<b>Utilities</b>								
<b>Water</b>	3,500	4,350	4,500	29%		2,725	1,775	
<b>Main Plant Utilities</b>	175,000	179,892	175,000	0%		113,365	61,635	
<b>Paradise Cove Utilities</b>	13,500	14,150	13,500	0%				13,500
<b>Pump Station Utilities</b>	35,000	34,142	35,000	0%		20,461	12,516	2,023
<b>Total Utilities</b>	227,000	232,534	228,000	0%		136,551	75,926	15,523
<b>Belvedere Loan</b>								
<b>Belvedere Westamerica Loan Interest</b>	34,000	34,003	28,800	-15%			28,800	
<b>Total Belvedere Loan</b>	34,000	34,003	28,800	-15%		0	28,800	0
<b>Total Expense</b>	2,628,700	2,658,845	2,498,400	-5%		1,541,801	865,829	90,770
<b>Net Ordinary Income</b>	1,300	(38,398)	9,600			31,788	7,756	(29,944)
<b>Transfer from (to) Capital Reserve Fund</b>	(1,300)	38,398	(9,600)			(31,788)	(7,756)	29,944



# Operating Assumptions

## Operating Revenue Assumptions

Paradise Cove flow represents 2.13% of total flow for District. This percentage is used to reflect the Paradise Cove share of District-wide revenues.

Tiburon Sewer Service Charge is \$717 per EDU (Equivalent Dwelling Unit).

Belvedere Sewer Service Charge is \$1,748 per EDU. An estimated 41.5% of this revenue is allocated for operational needs.

Interest revenue for LAIF (Local Agency Investment Fund) accounts is estimated at 0.5% for FY 2011-12.

Nextel lease increases annually per CPI, minimum 3%.

Other income includes reimbursement from other agencies, vehicle sales, CAL-Card incentive payments, etc.

## Operating Expense Assumptions

County fees account reflects property tax collection fees imposed by County (per SB2557) and annual LAFCO (Local Agency Formation Commission) fee.

Salary categories include 1.37% COLA raise.

PERS employer contribution retirement rate is 28.282%; employee contribution rate is 8.64%.

Workers compensation premium based on 3.76% rate, with an 83% experience modification factor.

Paradise Cove operating expense is estimated (based on flow) at 2.13% of operating expenses in applicable District-wide categories.

Belvedere operating expense is calculated at 35.22% of main plant-related categories, and 34.47% of expenses that pertain to all three zones.

## Formulas for Determining Percentage Breakdowns

Belvedere only = 100%

Tiburon only = 100%

Paradise Cove only = 100%

Shared Belvedere & Tiburon = 35.22% / 64.78%

Shared Tiburon & Paradise Cove = 96.21% / 3.79%

Shared Belvedere & Tiburon & Paradise Cove = 34.47% / 63.40% / 2.13%

# **Sanitary District No. 5 of Marin County**

**FY 2011-2012  
Capital Budget**

**Sanitary District #5 of Marin County**  
**Final**  
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**FY 2011-2012**

	2010-11 Budget	2010-11 Estimated	2011-12 Cap Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Cap	Belv. Cap	P.C. Cap
<b>Income</b>								
<b>Property Taxes</b>								
Property Tax Current Secured - Capital	461,000	451,951	552,000	20%	No prop tax shifted to Ops this yr	531,079		20,921
Prop Tax Current Unsecured	10,000	12,197	10,000	0%		9,621		379
Prop Tax Prior Sec Redemption	0	0	0	0%		0		0
Prop Tax Prior Unsecured	0	104	0	0%		0		0
Supplemental Unsecured	700	868	900	29%		866		34
Supplemental Assessment Current	4,400	7,623	7,300	66%		7,023		277
Supplemental Assessment Redm	600	462	400	-33%		385		15
Excess ERAF	200,000	261,896	200,000	0%		192,420		7,580
HOPTR	3,900	3,912	3,900	0%		3,752		148
<b>Total Property Taxes</b>	<b>680,600</b>	<b>739,013</b>	<b>774,500</b>	<b>14%</b>		<b>745,146</b>	<b>0</b>	<b>29,354</b>
<b>Belvedere Sewer Service Charge - Capital</b>	<b>836,000</b>	<b>811,334</b>	<b>1,184,100</b>	<b>42%</b>			<b>1,184,100</b>	
<b>Tiburon Sewer Service Charge - Capital</b>	<b>0</b>	<b>0</b>	<b>320,000</b>		\$320k shifted from Ops	<b>320,000</b>		
<b>Connection Fees</b>								
Collection	13,600	15,150	16,800	24%		4,000	4,000	8,800
Treatment	46,000	66,226	65,200	42%		21,000	21,000	23,200
<b>Total Connection Fees</b>	<b>59,600</b>	<b>81,376</b>	<b>82,000</b>	<b>38%</b>		<b>25,000</b>	<b>25,000</b>	<b>32,000</b>
<b>Paradise Sewer Line Extension Fees</b>	<b>40,000</b>	<b>0</b>	<b>40,000</b>	<b>0%</b>				<b>40,000</b>
<b>Revenue Bond Proceeds - MPR Project</b>	<b>0</b>	<b>0</b>	<b>10,044,800</b>		Estimated	<b>6,507,021</b>	<b>3,537,779</b>	
<b>Interest Earnings - MPR Construction Fund</b>	<b>0</b>	<b>0</b>	<b>35,500</b>			<b>22,997</b>	<b>12,503</b>	
<b>Total Income</b>	<b>1,616,200</b>	<b>1,631,723</b>	<b>12,480,900</b>	<b>672%</b>		<b>7,620,165</b>	<b>4,759,382</b>	<b>101,354</b>

**Sanitary District #5 of Marin County**  
**Final**  
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**FY 2011-2012**

Capital Expenditures	2010-11 Budget	2010-11 Estimated	2011-12 Cap Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Cap	Belv. Cap	P.C. Cap
<b>Main Plant Equip Capital Expense</b>								
Undesignated Cap - Main Plant Related	50,000	0	25,000	-50%	MPR	16,195	8,805	
Moyno Pump Replacement	15,000	0	0	-100%	Not completed due to MPR	0	0	
Refrigerated Lab Sampler	0	0	5,500		Influent 24 hr	3,563	1,937	
Digester Cover No. 2 Rehabilitation	250,000	0	0	-100%	Not completed due to MPR	0	0	
Chlorine Contact Mixer Replacement	5,000	0	0	-100%	Not completed due to MPR	0	0	
Plant Water Piping	10,000	0	0	-100%	Not completed due to MPR	0	0	
Chemical Storage Tanks Replacement	20,000	0	0	-100%	Not completed due to MPR	0	0	
Gate Valve Replacement Program	50,000	0	0	-100%	If MPR is delayed	0	0	
<b>Main Plant Rehabilitation (MPR) Project</b>								
Asset Condition Assessment	75,000	72,134	0	-100%	Complete	0	0	
MPR Preliminary Design	118,550	120,550	0	-100%	Complete	0	0	
MPR Final Design	0	0	964,233		Estimated	624,630	339,603	
MPR Construction	0	0	567,167		Estimated beginning construction	367,411	199,756	
<b>Total Main Plant Rehab (MPR) Project</b>	<b>193,550</b>	<b>192,684</b>	<b>1,531,400</b>	<b>691%</b>	<b>Estimated</b>	<b>992,041</b>	<b>539,359</b>	
<b>Total Main Plant Equip Capital Expense</b>	<b>593,550</b>	<b>192,684</b>	<b>1,561,900</b>	<b>163%</b>		<b>1,011,799</b>	<b>550,101</b>	<b>0</b>
<b>Pumps &amp; Lines Capital</b>								
Tiburon Sewer Line Rehab	21,000	20,116	230,000	995%		230,000		
Pump Station Control Panel Upgrade	0	0	40,000			20,000	20,000	
Undesignated Capital Proj - P & L	100,000	7,300	50,000	-50%	I&I study repairs	25,000	25,000	
Belvedere Sewer Line Rehab	14,000	29,504	280,000	1900%			280,000	
Valve/Wet Well Lid Cover Replacement	0	0	40,000		Pump Station # 13 - one per yr	0	40,000	
Televising/Sewer Line Assessment	122,200	118,476	0	-100%	Complete	0	0	
Install Manholes/Rodholes	72,000	55,443	0	-100%	Complete	0	0	
Rodder Truck	140,000	165,078	0	-100%	Complete	0	0	
Lateral Camera	13,000	11,805	0	-100%	Complete	0	0	
Inflow & Infiltration Study	50,000	49,223	80,000	60%	Additional study	40,000	40,000	
<b>Total Pumps &amp; Lines Capital</b>	<b>532,200</b>	<b>456,945</b>	<b>720,000</b>	<b>35%</b>		<b>315,000</b>	<b>405,000</b>	<b>0</b>

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						Tib Cap	Belv. Cap	P.C. Cap
<b>Paradise Cove Capital</b>								
Undesignated Cap - PC Plant Related	0	0	5,000					5,000
<b>Total Paradise Cove Capital</b>	0	0	5,000	0%		0	0	5,000
<b>Vehicle Replacement</b>	25,000	21,572	0	-100%	Complete	0	0	0
<b>Debt Service</b>								
Debt Service - MPR Project	0	0	742,900		Estimated	481,251	261,649	
Belvedere Westamerica Loan Principle	115,000	115,000	119,000	3%			119,000	
<b>Total Debt Service</b>	115,000	115,000	861,900	649%		481,251	380,649	
<b>Total Capital Expenditures</b>	1,265,750	786,201	3,148,800	149%		1,808,049	1,335,751	5,000
<b>Net Capital Income</b>	350,450	845,523	9,332,100			5,812,115	3,423,631	96,354
<b>Transfer from (to) MPR Project Fund</b>	0	0	(8,548,900)			(5,537,977)	(3,010,923)	0
<b>Transfer from (to) Capital Reserve Fund</b>	(350,450)	(845,523)	(783,200)			(274,138)	(412,709)	(96,354)

# Capital Assumptions

## Capital Revenue Assumptions

Although secured property tax is a general revenue of the District, it is subject to state tax shifts, and it is shown as non-operating revenue for budgetary purposes.

Supplemental property tax has declined as homes are re-valued and sold.

Excess ERAF (Educational Revenue Augmentation Fund) reimbursement will be announced in December.

HOPTR = Home Owner Property Tax Relief.

Belvedere capital income is estimated at 58.5% of its sewer service charge revenue.

Paradise Cove connection fee income estimated: 4 homes @ \$8,000 each (\$32,000 total).

Paradise Sewer Line Extension Fee income estimated: 4 homes @ \$10,000 each (\$40,000 total).

MPR = Main Plant Rehabilitation Project.

## Capital Expense Assumptions

New capital projects are indicated in notes.

Belvedere capital expense is calculated at 35.22% of total main plant-related expenditures.

Tiburon capital expense is calculated at 64.78% of total main plant-related expenditures.

Detailed descriptions of capital projects can be found in the ten-year capital improvement program (attached).

# **Sanitary District No. 5 of Marin County**

**FY 2011/2012 - 2016/2017  
Capital Improvement Program**

Sanitary District No. 5  
of Marin County  
2011/2012 - 2016/2017  
Capital Improvement Program

**MAIN PLANT CAPITAL IMPROVEMENT PROGRAM**

<b>Project Description</b>	<b>2011/2012</b>	<b>2012/2013</b>	<b>2013/2014</b>	<b>2014/2015</b>	<b>2015/2016</b>	<b>2016/2017</b>	<b>TOTAL</b>
Main Plant Rehabilitation (MPR) Project	1,531,400	6,734,565	1,637,303				9,903,268
Chlorine Contact Mixer Replacement							
Influent Grinder Replacement							
Plant Water Piping							
Chemical Storage Tanks Replacement							
Dissolved Air Flootation Refurbish							
Gate Valve Replacement Program							
SCADA Upgrade and Replacement							
Digester Mixing Pumps							
Digester Recirc. Pumps [2]							
Digester No. 1 Seismic Retrofit							
Plant Air Compressors Replacement [2]							
Digester Cover No. 2 Rehabilitation							
Aeration Valve Replacement							
Aeration Blower Replacement							
WWP - VFD Replacement							
Moyno Pump Replacement							
Headworks Concrete Project							
Boiler Heat Exchanger Replacement							
Chlorine Contact Tank Liner Project							
Secondary Clarifier Refurbish							
Headworks/Grit Chamber Valve Replacement							
RAS & WAS VFD/Control Replacement							
Gas Sensors/Main Plant Headworks							
Gear Box & Motor Replacement							
Plant Water Pumps & Motors Replacement							
Undesignated Capital Projects	25,000	25,000	25,000	25,000	50,000	100,000	250,000
Refrigerated Lab Sampler	5,500						5,500
<b>Main Treatment Plant Total</b>	<b>1,561,900</b>	<b>6,759,565</b>	<b>1,662,303</b>	<b>25,000</b>	<b>50,000</b>	<b>100,000</b>	<b>10,158,768</b>



Sanitary District No. 5  
of Marin County  
2011/2012 - 2016/2017  
Capital Improvement Program

**TIBURON ZONE PUMPS & LINES CAPITAL IMPROVEMENT PROGRAM**

Project Description	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	TOTAL
* Sewer Line Rehabilitation Program	230,000	100,000	100,000	40,000	40,000		510,000
Pump Stations - Pump Replacement		20,000					20,000
Pump Station Generator Replacement			60,000				60,000
Station No. 9 Structure Repair		150,000					150,000
Station No. 5 Rebuild / 4 Pumps / Generator			150,000	150,000			300,000
Stations No. 1 & 4 - Generator Conduit			100,000				100,000
Pump Station Control Panel Upgrade	20,000				30,000		50,000
Undesignated Capital Projects	25,000	50,000	50,000	50,000	100,000	150,000	425,000
Inflow & Infiltration Study	40,000						40,000
<b><i>Tiburon Pumps &amp; Lines Total</i></b>	<b>315,000</b>	<b>320,000</b>	<b>460,000</b>	<b>240,000</b>	<b>170,000</b>	<b>150,000</b>	<b>1,655,000</b>

Note: \* Sewer Line Rehabilitation Program - For years 2011 through 2017 refer to Sewer Line / Manhole Rehabilitation Program  
Final Report Tiburon Zone April 2007

Sanitary District No. 5  
of Marin County  
2011/2012 - 2016/2017  
Capital Improvement Program

**BELVEDERE ZONE PUMPS & LINES CAPITAL IMPROVEMENT PROGRAM**

Project Description	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	TOTAL
* Sewer Line Rehabilitation Program	280,000	65,000	55,000	85,000	65,000	50,000	600,000
Pump Stations - Pump Replacement		10,000		10,000			20,000
Pump Station Control Panel Upgrade	20,000		20,000				40,000
Pump Station Generator Replacement					60,000		60,000
Valve/Wet Well Lid Cover Replacement	40,000	40,000					80,000
Cove Rd. Force Main Replacement		600,000					600,000
Lagoon Rd. Install Generator/Conduit			175,000	75,000			250,000
Cove Rd. Generator Replacement			150,000				150,000
Undesignated Capital Projects	25,000	50,000	50,000	50,000	100,000	150,000	425,000
Inflow & Infiltration Study	40,000						40,000
<b><i>Belvedere Pumps &amp; Lines Total</i></b>	<b>405,000</b>	<b>765,000</b>	<b>450,000</b>	<b>220,000</b>	<b>225,000</b>	<b>200,000</b>	<b>2,265,000</b>

Note: \* Sewer Line Rehabilitation Program - For years 2011 through 2017 refer to Sewer Line / Manhole Rehabilitation Program  
Final Report Belvedere Zone August 2006

Sanitary District No. 5  
of Marin County  
2011/2012 - 2016/2017  
Capital Improvement Program

**PARADISE COVE CAPITAL IMPROVEMENT PROGRAM**

Project Description	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	TOTAL
Generator Replacement			75,000				75,000
Refrierated Lab Sampler				5,000			5,000
Undesignated Capital Projects	5,000	10,000	10,000	20,000	20,000		65,000
<b>Paradise Cove Total</b>	<b>5,000</b>	<b>10,000</b>	<b>85,000</b>	<b>25,000</b>	<b>20,000</b>	<b>0</b>	<b>145,000</b>

**SUMMARY OF CAPITAL IMPROVEMENT PROGRAM**

Project Description	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	TOTAL
Main Plant	1,561,900	6,759,565	1,662,303	25,000	50,000	100,000	10,158,768
Tiburon Pumps & Lines	315,000	320,000	460,000	240,000	170,000	150,000	1,655,000
Belvedere Pumps & Lines	405,000	765,000	450,000	220,000	225,000	200,000	2,265,000
Paradise Cove	5,000	10,000	85,000	25,000	20,000	0	145,000
<b>TOTAL</b>	<b>2,286,900</b>	<b>7,854,565</b>	<b>2,657,303</b>	<b>510,000</b>	<b>465,000</b>	<b>450,000</b>	<b>14,223,768</b>

Capital Improvement Program  
Sanitary District No. 5  
FY 2011/2012 - 2016/2017

**MAIN PLANT CAPITAL IMPROVEMENT PROJECTS**

<i>Main Plant Project Name</i>	<i>MPR</i>	<i>DESCRIPTION</i>
Chlorine Contact Mixer Replacement	MPR	This piece of equipment is used to mix chemicals with makeup water before being introduced to the chlorine contact tank. The chemical is used to disinfect the wastewater.
Dry Weather Influent Pump		These funds will be used to purchase one new dry weather influent pump in FY 2014/2015.
Influent Grinder Replacement	MPR	The District has three influent grinders which grind up material that could be harmful to the influent pumps. Two of the grinders have been replaced in the past several years. These grinders run 24 hrs day and are located in a very hazardous and corrosive atmosphere.
Refrigerated Lab Sampler		These refrigerated samplers (24 hour composite samplers) are used for collecting samples of the influent and effluent wastewater. NPDES requirement.
Plant Water Piping	MPR	The plant water piping supplies water for washing down tanks, and certain processes within the plant need makeup water. MMWD water is too expensive to use.
Chemical Storage Tanks Replacement	MPR	The District purchases bulk chemicals that are stored in large double containment plastic tanks. The life of the plastic tanks is 10 years. The District currently has one chlorine tank that has a slight leak.
Dissolved Air Floatation Refurbish [DAF]	MPR	The DAF system consists of a 25 ft diameter concrete tank within a rotating arm mechanism that removes the solids. Around the concrete structure a metal framed skirt is located which is corroded and in need of replacement. This piece of equipment is a high risk due to the fact that there is only one DAF.

Capital Improvement Program  
Sanitary District No. 5  
FY 2011/2012 - 2016/2017

<b>Main Plant Project Name</b>	<b>MPR</b>	<b>DESCRIPTION</b>
Sluice Valves Replacement	MPR	The District has many sluice valves throughout the treatment plant which have been rebuilt several times throughout the years. These valves are used to isolate tanks from one another. These valves are in need of replacement with new fiberglass valves.
SCADA Upgrade and Replacement	MPR	These funds will be used to upgrade and add additional alarms to the system.
SCADA Master Plan	MPR	The District has been adding additional information to the SCADA system over the years. The District Manager feels that a master plan is needed.
Digester Mixing Pump	MPR	The digester mixing pump is over 25 years old. Today there are more efficient pumps. The mixing pump is also some 25 feet away from the digester. This pump needs to be moved closer to the digester. (Bad design in the District Manager's opinion.)
Digester Recirc. Pumps [2]	MPR	There are two recirculation pumps for the heat exchanger. These pumps have been rebuilt in the past. There are more efficient pumps on the market today.
Digester No. 1 Seismic Retrofit	MPR	A seismic evaluation was performed on Digester No. 1 in 2006 by Kennedy/Jenks Consultants. The evaluation indicated that some additional strapping was needed. Full report available upon request.
Plant Air Compressors Replacement [2]	MPR	The District has two plant air compressors that need to be replaced. The current air compressor holding tanks will not pass the required testing standards.

Capital Improvement Program  
Sanitary District No. 5  
FY 2011/2012 - 2016/2017

<b>Main Plant Project Name</b>	<b>MPR</b>	<b>DESCRIPTION</b>
Undesignated Capital Projects	MPR	These funds will be used for unforeseen projects while the MPR Final Design Report is being completed.
Wet Weather Influent Pump		The main influent wet weather pumps are a very important part of the treatment plant. Without reliable pumps, the influent wastewater cannot be pumped through the facility during storm events.
Digester Cleaning and Cover Coating	MPR	The secondary digester is due for a cleaning and cover coating. The digester should be cleaned and coated every 10 to 15 years. The primary digester was not cleaned and coated in a timely manner; therefore, the cover needed to be replaced due to coating failure.
Aeration Sluice Valve Replacement	MPR	The main treatment facility has two aeration basins with a total of 10 each 12" x 12" sluice valves. These valves have been rebuilt several times over the years and are much in need of being replaced.
Aeration Blower Replacement	MPR	The current aeration blowers that are being used are very inefficient. There are new styles of blowers that use less electricity and also produce much more air. The new style blower also requires less maintenance.
WWP - VFD Replacement	MPR	The current wet weather VFD is the original from the 1980 addition. The new style is more efficient and much smaller.
Moyno Pump Replacement	MPR	The moyno pumps are used to transfer sludge from the primary, wet weather, and DAF systems to the digester. The District has replaced several of the old moyno pumps, but there are still more that need to be replaced.

Capital Improvement Program  
Sanitary District No. 5  
FY 2011/2012 - 2016/2017

<b>Main Plant Project Name</b>	<b>MPR</b>	<b>DESCRIPTION</b>
Headworks Concrete Project	MPR	The headworks is directly below the main office. All of the sewage generated throughout the District ends up in the headworks. The concrete needs to be replaced due to hydrogen sulfite. Wastewater contains a fair amount of hydrogen sulfite. The District introduces chemicals out in the collection system to reduce the amount that reaches the plant, but some of the sulfite still reaches the plant.
Boiler Heat Exchanger Replacement	MPR	The current heat exchanger is the original and not very efficient. The heat exchanger is used for heating the digester sludge. The District uses the methane gas that is produced by the two digesters to heat the digesters. When the digesters do not produce enough methane gas, we must use natural gas. The new style heat exchangers are more efficient and use much less gas.
Lab Equipment		Various pieces of equipment are used in the lab daily. These pieces of equipment wear out and need to be replaced.
Chlorine Contact Tank Liner Project	MPR	The chlorine contact tank is the last process in the wastewater treatment plant. The facility was built with the tank above the control and pump room. The contact tank floor is beginning to seep through to the room below. Therefore, the floor of the contact tank needs to be sealed.
Asset Condition Assessment	MPR	These funds will be used for assessing and possibly moving forward with the main plant rehabilitation project.
Secondary Clarifier Liner		Over time these tanks will need to be lined. With past experience, it has been determined that clarifiers will leak. The primary sed basin has been lined twice in the past 25 years.

Capital Improvement Program  
Sanitary District No. 5  
FY 2011/2012 - 2016/2017

<b>Main Plant Project Name</b>	<b>MPR</b>	<b>DESCRIPTION</b>
Secondary/Dry/Wet Weather Clarifiers Refurbish	MPR	Over time the flight, wear shoes, and other mechanical pieces need to be replaced. These funds will enable District staff to replace all worn parts.
Headworks/Grit Chamber Valve Replacement	MPR	Under the front lawn there is a pit that collects the grit from the collection system before the wastewater enters the treatment plant. This pit is cleaned out once a year. In this pit there is a large sluice gate that does not open or close. The gate needs to be replaced.
Electrical/Mechanical Upgrade	MPR	The treatment plant is over 25 years old, and much of the equipment is the original equipment. Before the equipment fails, the District must replace old equipment with new, modern, more efficient equipment.
RAS & WAS VFD/Control Replacement	MPR	These pieces of equipment are the original. Upgrades are needed.
Screw Press Dewatering Pump	MPR	The District replaced the old belt press with a new screw press two years ago. During this project, the District only installed one dewater pump, therefore staff has no backup pump if the one pump fails. It is a very good idea to have a backup pump.
Gas Sensors/Main Plant Headworks	MPR	Under CAL OSHA regulations, the District must have a gas sensor located in the headworks. There have been times when someone has dumped toxic materials into the collection system, which end up in the headworks. The sensor will detect 4 gases.
Gear Box & Motor Replacement	MPR	Throughout the plant there are many gearboxes and motors that need to be replaced. Many of the pieces of equipment have significant rust and corrosion. Wastewater is very corrosive, along with the salt air.



Capital Improvement Program  
Sanitary District No. 5  
FY 2011/2012 - 2016/2017

**TIBURON ZONE PUMPS & LINES CAPITAL IMPROVEMENT PROJECTS**

<i><b>Tiburon Zone Pumps &amp; Lines Project Name</b></i>	<i><b>Risk</b></i>	<i><b>DESCRIPTION</b></i>
Sewer Line Rehabilitation Program	High	These funds will be used for the 10 year rehabilitation program that the Board of Directors has approved. The rehabilitation program was approved after the completion of the Harris Report.
Pump Station Pump Replacement Program	Low	The District has 24 pump stations with either 2 or 3 pumps in each station. The life expectancies for these pumps are between 7 to 10 years. Therefore, the District has a program to replace pumps over a period of time, instead of replacing them all at once.
Pump Station Generator Replacement	Med	The District has standby generators located at many of the pump stations. Some of the generators were installed in 1980 - 1983. These generators in most cases are located along the waterfront. The salt air has raised havoc on some.
Finish Televising Collection System	Done	These funds will be used to complete the televising of the collection system.
Station No. 9 Structure Repair	Low	Station No. 9 is located along Paradise Drive in front of the Point Tiburon Condos. The wet well has shifted and is leaning badly. The earth around the wet well must be removed so that the concrete rings can be adjusted and sealed.
Station No. 5 Rebuild	Low	Station No. 5 was built in 1972. The current status is that the station has two 75 hp motors with a drive shaft to a dry pit that houses two paco pumps. For standby pumping there is a right angle drive unit. There is no generator. These pumps are not efficient. The District Manager's recommendation is to replace the pumps with submersible pumps - 2 small, 2 larger pumps similar to what the Belvedere Zone Cove Rd. station has. The cost of power would decrease.
Force Main Replacement Program	Low	Under the settlement agreement with River Watch, the District must inspect all force mains and repair or replace as needed. These funds will be used for repair/replacement.

Capital Improvement Program  
 Sanitary District No. 5  
 FY 2011/2012 - 2016/2017

<b><i>Tiburon Zone Pumps &amp; Lines Project Name</i></b>	<b><i>Risk</i></b>	<b><i>DESCRIPTION</i></b>
Stations No. 1 & 4 Generator Conduit	Low	Pump Stations No. 1 and 4 do not have generator power. In 1982, the District installed generators at Stations No. 2 and 3. At that time, the District oversized the generators so that a conduit could be run to the other station. Over the years this task has not be completed.
Pump Station Control Panel Upgrade	Low	Station No. 9 is in need of a new control panel. This station was installed in 1984 by Point Tiburon.
Undesignated Capital Projects		These funds will be used for unforeseen projects.
Inflow & Infiltration Study	High	These funds will be used for a study to identify the sources of inflow & infiltration into the collection system.

Capital Improvement Program  
 Sanitary District No. 5  
 FY 2011/2012 - 2016/2017

**BELVEDERE ZONE PUMPS & LINES CAPITAL IMPROVEMENT PROJECTS**

<i>Belvedere Zone Pumps &amp; Lines Project Name</i>	<i>Risk</i>	<i>DESCRIPTION</i>
Sewer Line Rehabilitation Program	High	These funds will be used for the 10 year rehabilitation program that the Board of Directors has approved. The rehabilitation program was approved after the completion of the Harris Report.
Pump Station Pump Replacement Program	Low	The District has 24 pump stations with either 2 or 3 pumps in each station. The life expectancies for these pumps are between 7 to 10 years. Therefore, the District has a program to replace pumps over a period of time, instead of replacing them all at once.
Pump Station Control Panel Upgrade	Med	Within the Belvedere Zone, there are many pump stations with single phase power with capacitors installed in the control panel to generate three phase power. The District is converting these stations to VFD. The VFD converts the single phase power to three phase.
Pump Station Generator Replacement	Med	These funds will be used to replace generators.
Valve/Wet Well Lid Cover Replacement	High	These funds will be used to replace wet well and valve box lids that are in traffic areas. Some of the lids are very hard to open due to the fact that the lifting devices have broken off.
Cove Rd. Force Main Replacement	Med	These funds will be used to replace 2,107 feet of 10 inch force main. The force main has blown out on two occasions - when making the repair it was difficult to find good pipe material to connect to.

Capital Improvement Program  
 Sanitary District No. 5  
 FY 2011/2012 - 2016/2017

<b><i>Belvedere Zone Pumps &amp; Lines Project Name</i></b>	<b><i>Risk</i></b>	<b><i>DESCRIPTION</i></b>
Lagoon Rd. Install Generator/Conduit	Low	Lagoon Rd. has 3 pump stations that pump sewage to one another. These stations have no back up power. These funds would be available to purchase a generator and connect all three stations up.
Force Main Replacement	Med	Under the settlement agreement with River Watch, the District must inspect all force mains and repair or replace as needed. These funds will be used for repair/replacement.
Cove Rd. Generator Replacement	Med	The Cove Rd. pump station is the main pump station in the Belvedere Zone. This generator was installed in the mid 1980s and is unable to generate enough power for all 4 pumps. It is too small. In times of a large storm and no PG&E power, we are able to only run 3 of the 4 pumps.
Undesignated Capital Projects		These funds will be used for unforeseen projects.
Inflow & Infiltration Study	High	These funds will be used for a study to identify the sources of inflow & infiltration into the collection system.

Capital Improvement Program  
 Sanitary District No. 5  
 FY 2011/2012 - 2016/2017

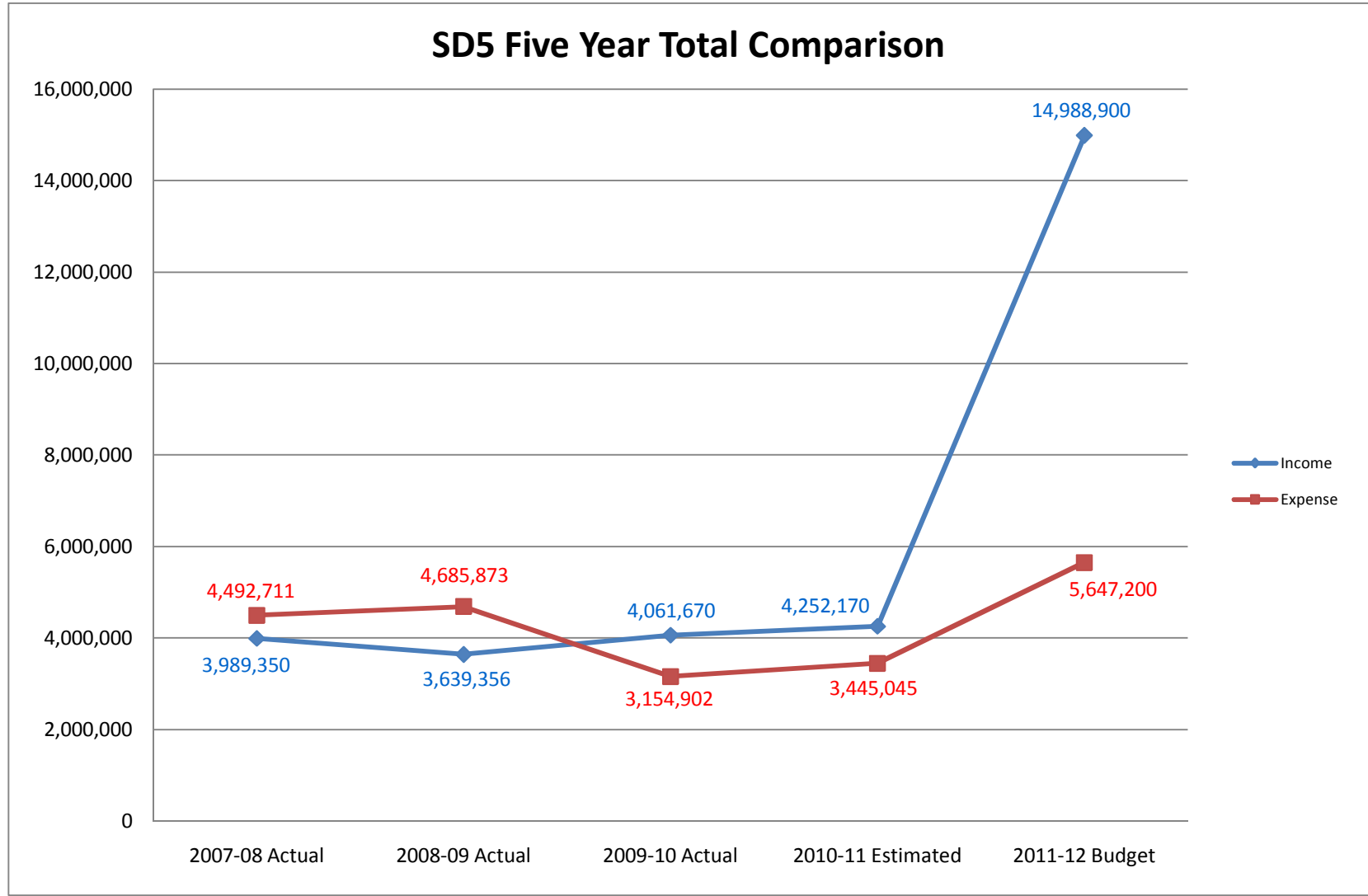
**PARADISE COVE CAPITAL IMPROVEMENT PROJECTS**

<i>Paradise Cove Project Name</i>	<i>Risk</i>	<i>DESCRIPTION</i>
Generator Replacement		The generator at the Paradise Cove Plant will need to be replaced within the next several years.
Refrigerated Lab Sampler		These refrigerated samplers (24 hour composite samplers) are used for collecting samples of the influent and effluent wastewater. NPDES requirement.
Undesignated Capital Projects		These funds will be used for unforeseen projects.

# **Sanitary District No. 5 of Marin County**

**Five Year Total Comparison  
FY 2007/2008 - 2011/2012**

	2007-08 Actual	2008-09 Actual	2009-10 Actual	2010-11 Estimated	2011-12 Budget
Income	3,989,350	3,639,356	4,061,670	4,252,170	14,988,900
Expense	4,492,711	4,685,873	3,154,902	3,445,045	5,647,200

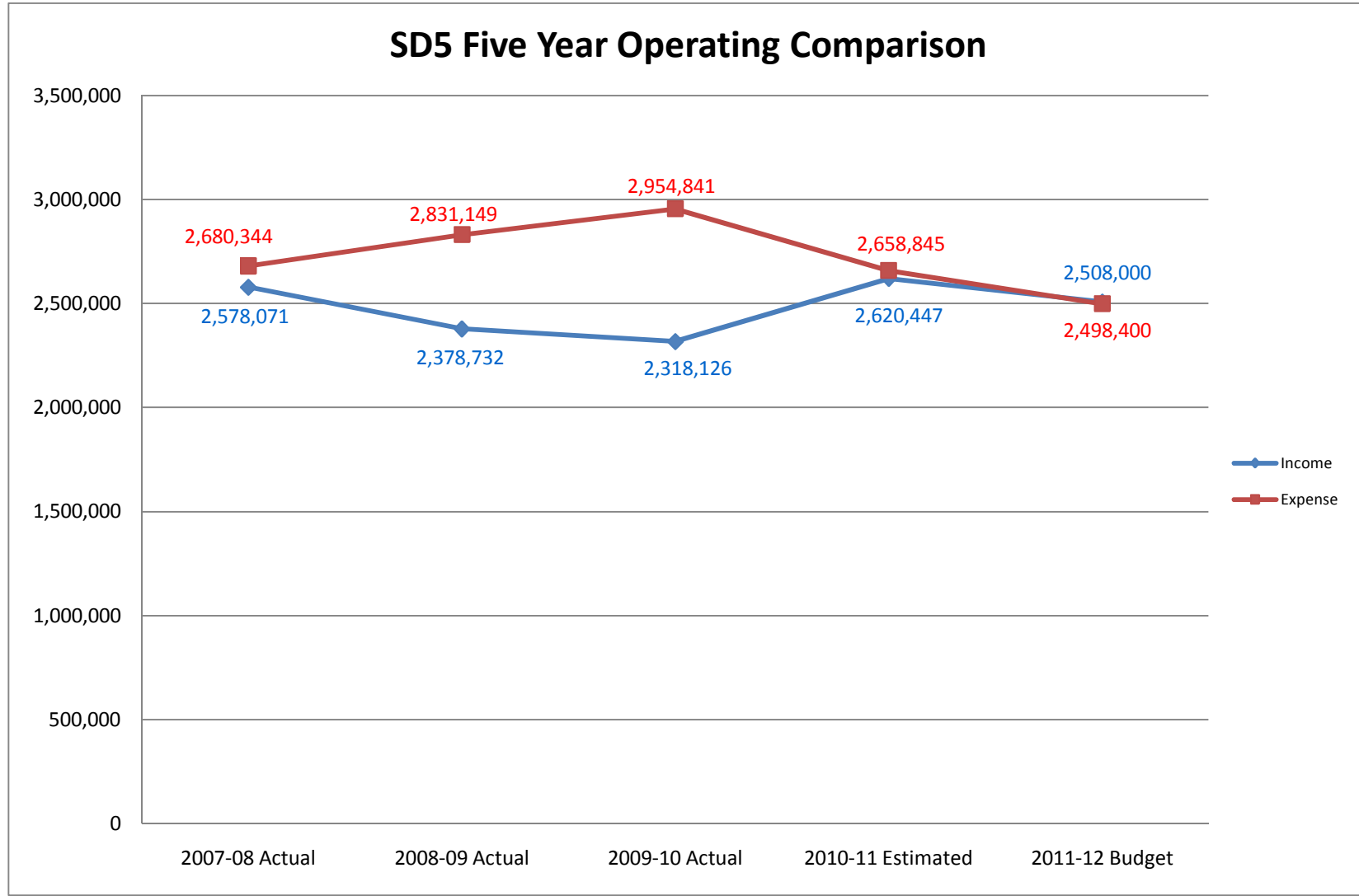


# **Sanitary District No. 5 of Marin County**

**Five Year Operating Comparison  
FY 2007/2008 - 2011/2012**



	2007-08 Actual	2008-09 Actual	2009-10 Actual	2010-11 Estimated	2011-12 Budget
Income	2,578,071	2,378,732	2,318,126	2,620,447	2,508,000
Expense	2,680,344	2,831,149	2,954,841	2,658,845	2,498,400



## Sanitary District No. 5 of Marin County Five Year Operating Comparison

	2007-08	2008-09	% Diff fr	2009-10	% Diff fr	2010-11	% Diff fr	2011-12	% Diff fr	Total
	Actual	Actual	Prior Yr	Actual	Prior Yr	Estimated	Prior Yr	Budget	Prior Yr	
<b>Income</b>										
<b>Tib Prop Tax Current Secured - Ops</b>						88,488				88,488
<b>Sewer Service Charge</b>										
Sewer Service - Tiburon	1,288,035	1,285,551	0%	1,258,583	-2%	1,563,723	24%	1,541,400	-1%	6,937,292
Sewer Service - Belv Ops	997,837	940,684	-6%	941,898	0%	844,450	-10%	840,000	-1%	4,564,869
Other User Fees	14,197	10,977	-23%	13,991	27%	21,534	54%	25,800	20%	86,498
<b>Total Sewer Service Charge</b>	2,300,069	2,237,212	-3%	2,214,472	-1%	2,429,707	10%	2,407,200	-1%	11,588,659
Interest Earnings	177,554	72,673	-59%	20,673	-72%	19,973	-3%	20,000	0%	310,873
Inspection Fees	3,580	4,525	26%	5,170	14%	5,028	-3%	2,800	-44%	21,103
SASM Expense Reimb.	57,717	38,573	-33%	51,022	32%	49,418	-3%	49,400	0%	246,130
Nextel Lease	24,821	25,814	4%	26,500	3%	27,484	4%	28,500	4%	133,119
Other Income	14,329	-65	-100%	289		349	21%	100	-71%	15,003
<b>Total Income</b>	2,578,071	2,378,732	-8%	2,318,126	-3%	2,620,447	13%	2,508,000	-4%	12,403,375
<b>Expense</b>										
Advertising	16,934	3,394	-80%	384	-89%	464	21%	600	29%	21,776
Outreach & Newsletter	10,976	0	-100%	31,308		2,654	-92%	4,000	51%	48,938
Audit & Accounting	39,603	38,871	-2%	23,214	-40%	14,000	-40%	17,000	21%	132,687
Consulting Fees	16,748	37,475	124%	58,252	55%	34,599	-41%	10,000	-71%	157,074
Travel & Meetings	14,281	10,134	-29%	9,733	-4%	14,519	49%	9,000	-38%	57,667
Contributions	0	0	0%	0	0%	0	0%	200		200
Continuing Education	13,164	8,691	-34%	8,954	3%	9,000	1%	9,000	0%	48,809
County Fees	8,625	11,853	37%	11,916	1%	12,396	4%	13,000	5%	57,790
Directors Fees	9,222	9,000	-2%	8,700	-3%	9,500	9%	9,000	-5%	45,422
Dues & Subscriptions	13,998	11,243	-20%	5,100	-55%	8,507	67%	12,000	41%	50,848
Elections	7,565	0	-100%	8,302				8,300		24,167
Insurance Property & Liability	68,032	17,005	-75%	52,365	208%	52,609	0%	43,000	-18%	233,012
Legal	12,325	72,493	488%	32,111	-56%	36,184	13%	30,000	-17%	183,113
Miscellaneous Expense	28,344	40,579	43%	17,000	-58%					85,923
Pump Maintenance	23,185	43,247	87%							66,432
Line Maintenance										
(Pumps &) Line Maintenance	196,322	143,009	-27%	202,473	42%	125,972	-38%	20,000	-84%	687,777
Sewer Line Spot Repair	95,106	64,232	-32%	27,655	-57%					186,992
Emergency Line Cleaning		27,083								27,083
<b>Total Line Maintenance</b>	291,428	234,324	-20%	230,128	-2%	125,972	-45%	20,000	-84%	901,852
Main Plant Maintenance										
Plant Maintenance Supplies	55,373	11,275	-80%	10,294	-9%	12,530	22%	10,000	-20%	99,472
Plant Maint. Parts & Service	45,163	56,732	26%	36,409	-36%	26,240	-28%	15,000	-43%	179,544

## Sanitary District No. 5 of Marin County Five Year Operating Comparison

	2007-08	2008-09	% Diff fr	2009-10	% Diff fr	2010-11	% Diff fr	2011-12	% Diff fr	Total
	Actual	Actual	Prior Yr	Actual	Prior Yr	Estimated	Prior Yr	Budget	Prior Yr	
Janitorial Supplies & Service		3,620		4,656	29%	3,200	-31%	5,000	56%	16,476
Main Plant Chemicals	114,803	95,593	-17%	79,127	-17%	110,093	39%	95,000	-14%	494,616
Lab Supplies & Chemicals		5,198		8,263	59%	7,517	-9%	7,000	-7%	27,978
SASM Supplies & Chemicals	1,584	38,573	2335%	51,022	32%	49,418	-3%	49,400	0%	189,997
Electrical & Instrument	26,099	11,617	-55%	19,530	68%	12,053	-38%	5,000	-59%	74,299
Grounds Maintenance	2,972	5,069	71%	1,585	-69%	3,975	151%	2,700	-32%	16,301
Main Plant Sludge Disposal	23,271	25,005	7%	20,738	-17%	19,154	-8%	21,000	10%	109,167
<b>Total Main Plant Maintenance</b>	<b>269,264</b>	<b>252,683</b>	<b>-6%</b>	<b>231,624</b>	<b>-8%</b>	<b>244,180</b>	<b>5%</b>	<b>210,100</b>	<b>-14%</b>	<b>1,207,851</b>
<b>Paradise Cove Plant Maintenance</b>										
Paradise Parts & Service	2,827	3,587	27%	11,229	213%	6,420	-43%	11,000	71%	35,063
Paradise Supplies & Chemicals	1,533	1,095	-29%	1,857	70%	2,247	21%	2,000	-11%	8,733
Paradise Sludge Disposal	5,558	3,363	-39%	5,137	53%	5,407	5%	7,500	39%	26,965
<b>Total Paradise Cove Plant Maintenance</b>	<b>9,917</b>	<b>8,046</b>	<b>-19%</b>	<b>18,223</b>	<b>126%</b>	<b>14,074</b>	<b>-23%</b>	<b>20,500</b>	<b>46%</b>	<b>70,760</b>
<b>Monitoring</b>										
Main Plant Lab Monitoring	40,071	55,215	38%	40,754	-26%	36,453	-11%	35,000	-4%	207,493
Paradise Cove Monitoring	4,644	5,091	10%	4,788	-6%	9,749	104%	5,200	-47%	29,472
Chronic Toxicity Program Eval				3,700		4,000	8%			7,700
<b>Total Monitoring</b>	<b>44,716</b>	<b>60,306</b>	<b>35%</b>	<b>49,242</b>	<b>-18%</b>	<b>50,202</b>	<b>2%</b>	<b>40,200</b>	<b>-20%</b>	<b>244,665</b>
<b>Office/Computer (now Office Supplies)</b>	<b>15,352</b>	<b>25,589</b>	<b>67%</b>	<b>46,887</b>	<b>83%</b>	<b>4,421</b>	<b>-91%</b>	<b>8,000</b>	<b>81%</b>	<b>100,248</b>
<b>Data/Alarms/IT Support &amp; Licensing</b>						<b>53,000</b>		<b>25,000</b>	<b>-53%</b>	<b>78,000</b>
<b>Postage</b>	<b>1,141</b>	<b>1,272</b>	<b>11%</b>	<b>1,138</b>	<b>-11%</b>	<b>1,408</b>	<b>24%</b>	<b>1,400</b>	<b>-1%</b>	<b>6,359</b>
<b>Permits/Fees</b>										
Main Plant NPDES Renewal	11,280	27,247	142%							38,527
Paradise Cove NPDES Renewal						44,748				44,748
Permits/Fees-General	16,569	15,488	-7%	21,882	41%	23,082	5%	23,000	0%	100,021
Paradise Cove Permits/Fees	3,381	5,449	61%	2,795	-49%	2,839	2%	3,000	6%	17,464
<b>Total Permits/Fees</b>	<b>31,230</b>	<b>48,184</b>	<b>54%</b>	<b>24,677</b>	<b>-49%</b>	<b>70,669</b>	<b>186%</b>	<b>26,000</b>	<b>-63%</b>	<b>200,759</b>
<b>Pollution Prevention</b>	<b>1,475</b>	<b>2,414</b>	<b>64%</b>	<b>2,597</b>	<b>8%</b>	<b>3,500</b>	<b>35%</b>	<b>3,500</b>	<b>0%</b>	<b>13,486</b>
<b>Truck Maintenance</b>										
Fuel		7,249		7,730	7%	10,372	34%	9,000	-13%	34,352
Truck Maintenance	13,451	4,664	-65%	3,370	-28%	3,972	18%	4,000	1%	29,457
<b>Total Truck Maintenance</b>	<b>13,451</b>	<b>11,913</b>	<b>-11%</b>	<b>11,100</b>	<b>-7%</b>	<b>14,344</b>	<b>29%</b>	<b>13,000</b>	<b>-9%</b>	<b>63,809</b>
<b>Safety</b>	<b>17,219</b>	<b>22,282</b>	<b>29%</b>	<b>14,952</b>	<b>-33%</b>	<b>18,204</b>	<b>22%</b>	<b>10,000</b>	<b>-45%</b>	<b>82,657</b>
<b>Salaries &amp; Benefits</b>										
Salaries	716,392	873,057	22%	932,823	7%	811,072	-13%	885,000	9%	4,218,344
Part-Time	20,122	2,044	-90%	6,538	220%	25,967	297%			54,670
Overtime	26,411	30,989	17%	46,301	49%	54,000	17%	35,000	-35%	192,702
Standby Pay	15,638	15,766	1%	16,575	5%	17,198	4%	18,000	5%	83,177

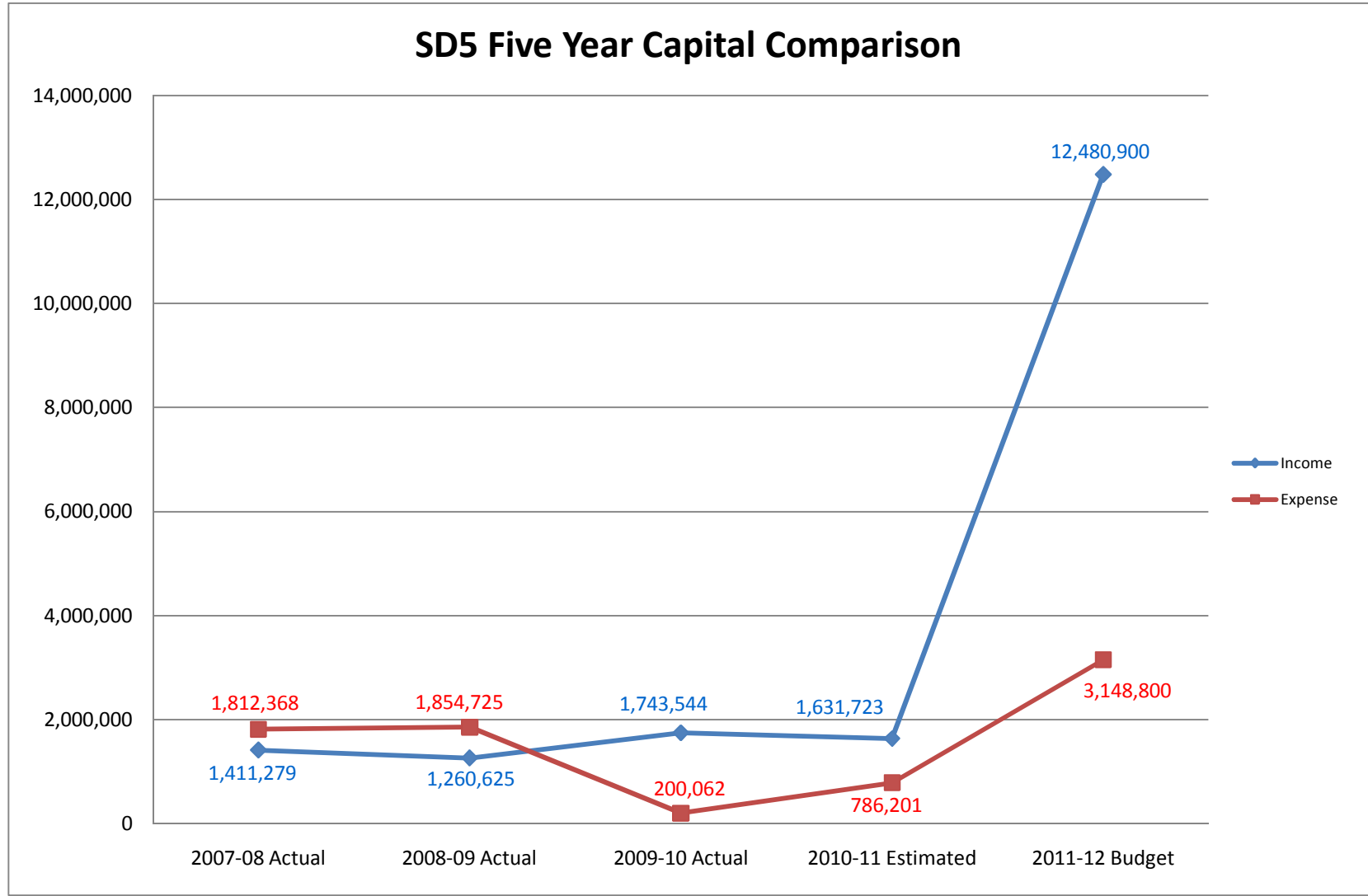
**Sanitary District No. 5 of Marin County  
Five Year Operating Comparison**

	<b>2007-08</b>	<b>2008-09</b>	<b>% Diff fr</b>	<b>2009-10</b>	<b>% Diff fr</b>	<b>2010-11</b>	<b>% Diff fr</b>	<b>2011-12</b>	<b>% Diff fr</b>	<b>Total</b>
	<b>Actual</b>	<b>Actual</b>	<b>Prior Yr</b>	<b>Actual</b>	<b>Prior Yr</b>	<b>Estimated</b>	<b>Prior Yr</b>	<b>Budget</b>	<b>Prior Yr</b>	
Vacation Buyout	48,389	45,694	-6%	41,257	-10%	40,669	-1%	30,000	-26%	206,009
Payroll Taxes	60,559	67,390	11%	76,486	13%	70,866	-7%	74,500	5%	349,801
Payroll/Bank Fees	3,223	4,053	26%	4,576	13%	4,615	1%	4,900	6%	21,367
Car Allowance	5,850	6,000	3%	6,000	0%	6,000	0%	6,000	0%	29,850
PERS Retirement	319,325	348,099	9%	366,602	5%	291,101	-21%	326,800	12%	1,651,928
Employee Health/Dental/Life Ins.	110,021	127,939	16%	135,173	6%	132,824	-2%	157,400	19%	663,356
Retiree Health	33,681	24,770	-26%	96,514	290%	96,000	-1%	113,400	18%	364,365
Workers Comp Insurance	37,254	19,656	-47%	21,007	7%	17,643	-16%	20,300	15%	115,860
COBRA Health		5,718		2,817	-51%					8,535
<b>Total Salaries &amp; Benefits</b>	<b>1,396,866</b>	<b>1,571,173</b>	<b>12%</b>	<b>1,752,669</b>	<b>12%</b>	<b>1,567,955</b>	<b>-11%</b>	<b>1,671,300</b>	<b>7%</b>	<b>7,959,964</b>
Uniforms	10,574	9,374	-11%	10,298	10%	9,702	-6%	6,000	-38%	45,947
Telephone										
Main Plant Telephones	11,799	12,126	3%	15,964	32%	11,329	-29%	12,500	10%	63,718
Paradise Cove Telephones	811	1,059	31%	1,282	21%	1,332	4%	1,500	13%	5,985
Pumps & Lines Telephones	3,509	3,962	13%	6,552	65%	7,584	16%	7,500	-1%	29,108
<b>Total Telephone</b>	<b>16,120</b>	<b>17,148</b>	<b>6%</b>	<b>23,798</b>	<b>39%</b>	<b>20,245</b>	<b>-15%</b>	<b>21,500</b>	<b>6%</b>	<b>98,810</b>
Utilities										
Water		3,933		2,591	-34%	4,350	68%	4,500	3%	15,374
Main Plant Utilities	188,267	173,666	-8%	180,610	4%	179,892	0%	175,000	-3%	897,435
Paradise Cove Utilities	6,697	7,807	17%	13,192	69%	14,150	7%	13,500	-5%	55,346
Pump Station Utilities	34,685	32,926	-5%	34,576	5%	34,142	-1%	35,000	3%	171,329
<b>Total Utilities</b>	<b>229,649</b>	<b>218,332</b>	<b>-5%</b>	<b>230,969</b>	<b>6%</b>	<b>232,534</b>	<b>1%</b>	<b>228,000</b>	<b>-2%</b>	<b>1,139,485</b>
Belvedere Loan										
Belv Westamerica Loan Interest	48,941	44,123	-10%	39,200	-11%	34,003	-13%	28,800	-15%	195,067
<b>Total Belvedere Loan</b>	<b>48,941</b>	<b>44,123</b>	<b>-10%</b>	<b>39,200</b>	<b>-11%</b>	<b>34,003</b>	<b>-13%</b>	<b>28,800</b>	<b>-15%</b>	<b>195,067</b>
<b>Total Expense</b>	<b>2,680,344</b>	<b>2,831,149</b>	<b>6%</b>	<b>2,954,841</b>	<b>4%</b>	<b>2,658,845</b>	<b>-10%</b>	<b>2,498,400</b>	<b>-6%</b>	<b>13,623,578</b>
<b>Net Ordinary Income</b>	<b>-102,273</b>	<b>-452,417</b>		<b>-636,715</b>		<b>-38,398</b>		<b>9,600</b>		<b>-1,220,203</b>

# **Sanitary District No. 5 of Marin County**

**Five Year Capital Comparison  
FY 2007/2008 - 2011/2012**

	2007-08 Actual	2008-09 Actual	2009-10 Actual	2010-11 Estimated	2011-12 Budget
Income	1,411,279	1,260,625	1,743,544	1,631,723	12,480,900
Expense	1,812,368	1,854,725	200,062	786,201	3,148,800



## Sanitary District No. 5 of Marin County Five Year Capital Comparison

	2007-08 Actual	2008-09 Actual	% Diff fr Prior Yr	2009-10 Actual	% Diff fr Prior Yr	2010-11 Estimated	% Diff fr Prior Yr	2011-12 Budget	% Diff fr Prior Yr	Total
<b>Income</b>										
<b>Property Taxes</b>										
Prop Tax Current Secured - Capital	501,312	537,537	7%	553,945	3%	451,951	-18%	552,000	22%	2,596,745
Prop Tax Current Unsec	9,916	11,387	15%	12,266	8%	12,197	-1%	10,000	-18%	55,766
Prop Tax Prior Sec Redemption		87								87
Prop Tax Prior Unsecured						104				104
Supplemental Unsecured	533	721	35%	716	-1%	868	21%	900	4%	3,739
Supplemental Assessment Current	17,203	10,176	-41%	5,266	-48%	7,623	45%	7,300	-4%	47,568
Supplemental Assessment Redm	833	795	-5%	637	-20%	462	-27%	400	-13%	3,127
Excess ERAF	356,674	254,661	-29%	292,314	15%	261,896	-10%	200,000	-24%	1,365,545
HOPTR	3,899	3,934	1%	3,963	1%	3,912	-1%	3,900	0%	19,608
Other Tax	50			20						70
Redevelopment	10,138			66,429						76,566
<b>Total Property Taxes</b>	<b>900,558</b>	<b>819,298</b>	<b>-9%</b>	<b>935,556</b>	<b>14%</b>	<b>739,013</b>	<b>-21%</b>	<b>774,500</b>	<b>5%</b>	<b>4,168,925</b>
Belvedere Sewer Service Charge - Capital	355,440	365,822	3%	443,246	21%	811,334	83%	1,184,100	46%	3,159,942
Tiburon Sewer Service Charge - Capital								320,000		320,000
<b>Connection Fees</b>										
Collection	31,119	14,175	-54%	95,366	573%	15,150	-84%	16,800	11%	172,610
Treatment	124,162	61,330	-51%	259,376	323%	66,226	-74%	65,200	-2%	576,294
<b>Total Connection Fees</b>	<b>155,281</b>	<b>75,505</b>	<b>-51%</b>	<b>354,742</b>	<b>370%</b>	<b>81,376</b>	<b>-77%</b>	<b>82,000</b>	<b>1%</b>	<b>748,904</b>
Paradise Sewer Line Extension Fees				10,000		0	-100%	40,000		50,000
Revenue Bond Proceeds - MPR Project								10,044,800		10,044,800
Interest Earnings - MPR Construction Fund								35,500		35,500
<b>Total Income</b>	<b>1,411,279</b>	<b>1,260,625</b>	<b>-11%</b>	<b>1,743,544</b>	<b>38%</b>	<b>1,631,723</b>	<b>-6%</b>	<b>12,480,900</b>	<b>665%</b>	<b>18,528,071</b>
<b>Expense</b>										
<b>Main Plant Equip Capital Expense</b>										
In-Line Grinder Digester Mixing	33,630									33,630
Foul Air Scrubber Pump Replacement	10,956									10,956
Plant Water Pumps Replacement	2,184							MPR		2,184
Chlorine Contact Mixer	11,096							MPR		11,096
Dry Weather Primary Influent Pump	23,185			17,834						41,018
Dry Weather Primary Clarifier				-4,000				MPR		-4,000
Influent Grinder	25,422	25,355	0%			Deferred		MPR		50,777
Undesignated Cap - Plant Related	0	22,226		15,590	-30%	0	-100%	25,000		62,816
Sludge Dewater Screwpress	24,257									24,257
Digester Cover No. 1 Rehab	100,707	557,738	454%							658,445
Digester Cover No. 2 Rehab						0		MPR		0

## Sanitary District No. 5 of Marin County Five Year Capital Comparison

	2007-08	2008-09	% Diff fr	2009-10	% Diff fr	2010-11	% Diff fr	2011-12	% Diff fr	Total
	Actual	Actual	Prior Yr	Actual	Prior Yr	Estimated	Prior Yr	Budget	Prior Yr	
Digester Cover No. 1 Seismic Retrofit						Deferred		MPR		0
Moyno Pump Replacement		11,507				0		MPR		11,507
Dissolved Air Flotation Refurbish	0	544		0	-100%	Deferred		MPR		544
SCADA Upgrade & Replacement	44,852	6,905	-85%			Deferred		MPR		51,758
Headworks Concrete Project				0		Deferred		MPR		0
Refrigerated Lab Sampler				5,425				5,500		10,925
Secondary Clarifier Refurbish				24,970				MPR		24,970
Plant Water Piping						0		MPR		0
Chemical Storage Tanks Replacement						0		MPR		0
Gate Valve Replacement Program						0		MPR		0
SCADA Master Plan						Deferred				0
Aeration Blower Replacement	0					Deferred		MPR		0
<b>Main Plant Rehabilitation (MPR) Project</b>										
Asset Condition Assessment						72,134				72,134
MPR Preliminry Design						120,550				120,550
MPR Final Design								964,233		964,233
MPR Construction								567,167		567,167
<b>Total Main Plant Rehab (MPR) Project</b>						192,684		1,531,400		1,724,084
<b>Total Main Plant Equip Capital Expense</b>	276,290	624,275	126%	59,819	-90%	192,684	222%	1,561,900	711%	2,714,967
<b>Undesignated Capital</b>										
Undesignated Cap Proj - Tiburon	12,038									12,038
Undesignated Cap Proj - Paradise	100,000									100,000
Undesignated Cap Proj - Belvedere	4,811									4,811
<b>Total Undesignated Capital</b>	116,848									116,848
<b>Pumps &amp; Lines Capital</b>										
Guide Rail Replacement	9,859									9,859
Wet Well Pump Base Replacement	2,086									2,086
Station Pump Replacement Belv.	16,494									16,494
Radio Communication Upgrade	39,330									39,330
Tiburon Sewer Line Rehab	133,379	69,001	-48%	5,370	-92%	20,116	275%	230,000	1043%	457,866
Pump Station Control Panel Upgrade	19,087	5,180	-73%			Deferred		40,000		64,267
Undesignated Cap Projects - P & L	11,507	29,254	154%	15,239	-48%	7,300	-52%	50,000	585%	113,301
Belvedere Sewer Line Rehab	65,159	70,135	8%	7,711	-89%	29,504	283%	280,000	849%	452,509
Valve/Wet Well Lid Cover Replacement								40,000		40,000
Televising/Sewer Line Assessment						118,476				118,476
Force Main Replacement Program						Deferred				0
Install Manholes/Rodholes						55,443				55,443
Rodder Truck						165,078				165,078



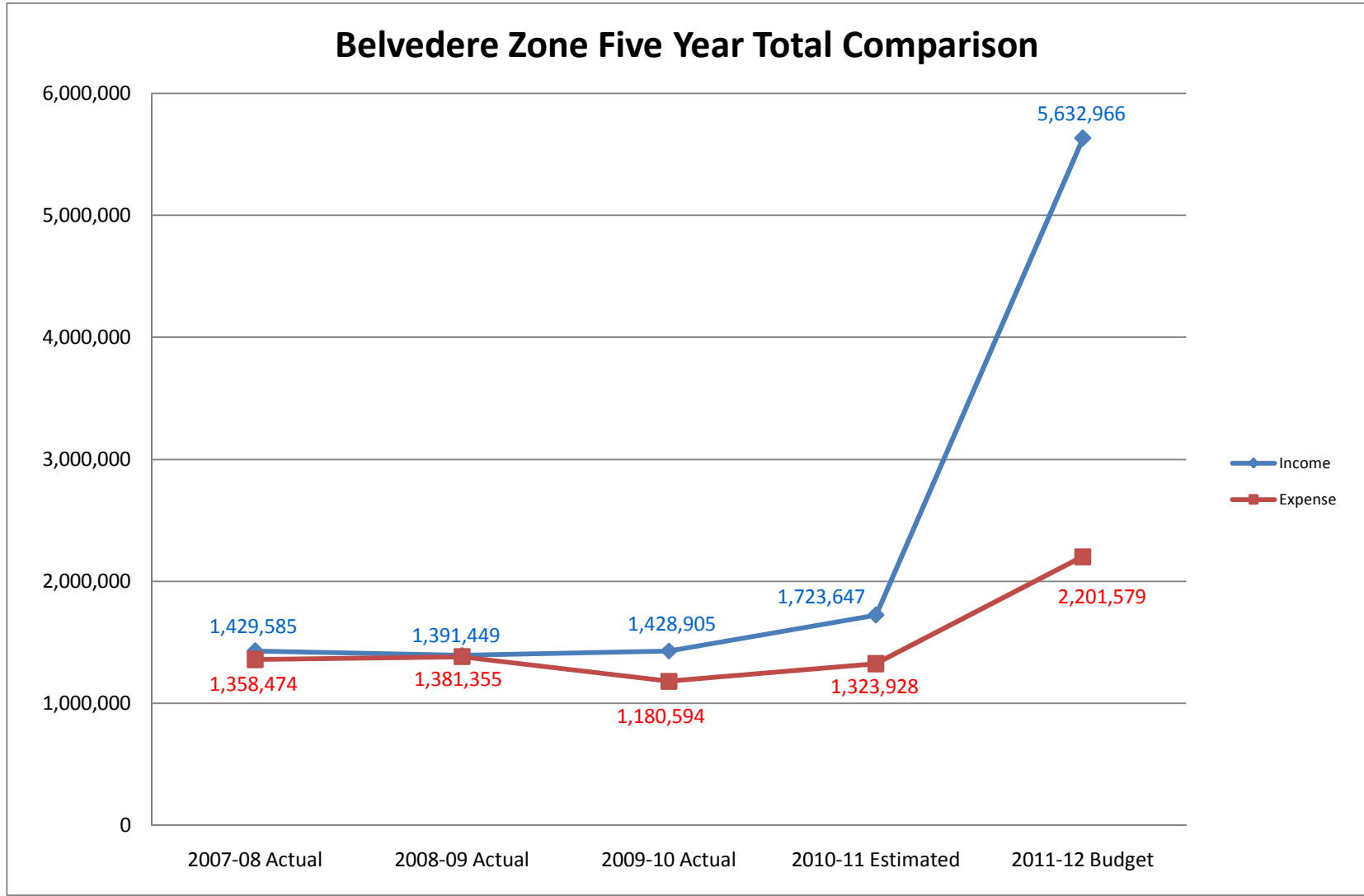
**Sanitary District No. 5 of Marin County  
Five Year Capital Comparison**

	<b>2007-08</b>	<b>2008-09</b>	<b>% Diff fr</b>	<b>2009-10</b>	<b>% Diff fr</b>	<b>2010-11</b>	<b>% Diff fr</b>	<b>2011-12</b>	<b>% Diff fr</b>	<b>Total</b>
	<b>Actual</b>	<b>Actual</b>	<b>Prior Yr</b>	<b>Actual</b>	<b>Prior Yr</b>	<b>Estimated</b>	<b>Prior Yr</b>	<b>Budget</b>	<b>Prior Yr</b>	
Lateral Camera						11,805				11,805
Inflow & Infiltration Study						49,223		80,000	63%	129,223
Pump Station Replacement	11,744	13,162	12%							24,905
<b>Total Pumps &amp; Lines Capital</b>	<b>308,646</b>	<b>186,731</b>	<b>-39%</b>	<b>28,320</b>	<b>-85%</b>	<b>456,945</b>	<b>1514%</b>	<b>720,000</b>	<b>58%</b>	<b>1,700,642</b>
<b>Paradise Cove Capital</b>										
Capital Expansion (Paradise Cove)		225,000								225,000
Paradise Cove Improvement Proj.	974,195	709,716	-27%							1,683,911
Generator Replacement						Deferred				0
Undesignated Cap - PC Plant Related								5,000		5,000
<b>Total Paradise Cove Capital</b>	<b>974,195</b>	<b>934,716</b>	<b>-4%</b>		<b>-100%</b>			<b>5,000</b>		<b>1,913,911</b>
Vehicle Replacement						21,572			-100%	21,572
<b>Debt Service</b>										
Belvedere COP Payoff	30,350									30,350
Belvedere WestAmerica Loan Principle	106,039	109,002	3%	111,923	3%	115,000	3%	119,000	3%	560,964
Debt Service - MPR Project								742,900		742,900
<b>Total Debt Service</b>	<b>136,389</b>	<b>109,002</b>	<b>-20%</b>	<b>111,923</b>	<b>3%</b>	<b>115,000</b>	<b>3%</b>	<b>861,900</b>	<b>649%</b>	<b>1,334,214</b>
<b>Total Expense</b>	<b>1,812,368</b>	<b>1,854,725</b>	<b>2%</b>	<b>200,062</b>	<b>-89%</b>	<b>786,201</b>	<b>293%</b>	<b>3,148,800</b>	<b>301%</b>	<b>7,802,154</b>
<b>Net Ordinary Income</b>	<b>-401,089</b>	<b>-594,100</b>		<b>1,543,483</b>		<b>845,523</b>		<b>9,332,100</b>		<b>10,725,916</b>

# **Sanitary District No. 5 of Marin County**

**Five Year Zone Comparison  
FY 2007/2008 - 2011/2012**

	2007-08 Actual	2008-09 Actual	2009-10 Actual	2010-11 Estimated	2011-12 Budget
Income	1,429,585	1,391,449	1,428,905	1,723,647	5,632,966
Expense	1,358,474	1,381,355	1,180,594	1,323,928	2,201,579



	2007-08 Actual	2008-09 Actual	2009-10 Actual	2010-11 Estimated	2011-12 Budget
Income	2,517,105	2,270,992	2,632,766	2,512,520	9,355,934
Expense	3,134,239	3,210,542	1,974,306	1,880,811	3,445,621

