

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

**FY 2010-2011 Final Budget**

**July 13, 2010**

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*Sanitary District No. 5 of Marin County*

**Final Consolidated Budget FY 2010-2011**

<b>Income</b>	<b>2009-10 Budget</b>	<b>2009-10 Estimated</b>	<b>2010-11 Budget</b>	<b>% Diff.</b>	<b>Belv Zone</b>	<b>Tib Zone</b>
Property Taxes	525,500	932,714	771,600	47%		771,600
Belv Sewer Service Charge Rev	1,304,200	1,364,305	1,706,100	31%	1,706,100	
Tib Sewer Service Charge Rev	1,299,400	1,255,429	1,569,200	21%		1,569,200
Interest	55,700	20,693	18,000	-68%	4,673	13,327
Connection Fees	586,000	356,937	59,600	-90%	8,600	51,000
Paradise Sewer Extension Fees	80,000	10,000	40,000	-50%		40,000
Other Income	67,300	83,475	81,700	21%	28,478	53,222
<b>Total Budgeted Income</b>	<b>3,918,100</b>	<b>4,023,553</b>	<b>4,246,200</b>	<b>8%</b>	<b>1,747,852</b>	<b>2,498,348</b>
<b>Expense</b>						
Operating Expense	2,739,400	2,983,808	2,628,700	-4%	901,967	1,726,733
Capital Expense	426,000	292,457	1,112,200	161%	503,498	608,702
<b>Total Budgeted Expenses</b>	<b>3,165,400</b>	<b>3,276,265</b>	<b>3,740,900</b>	<b>18%</b>	<b>1,405,465</b>	<b>2,335,435</b>
<b>Net Ordinary Income</b>	<b>752,700</b>	<b>747,288</b>	<b>505,300</b>		<b>342,386</b>	<b>162,914</b>
<b>Transfer from Reserves</b>	<b>-</b>	<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>
<b>Transfer to Reserves</b>	<b>-752,700</b>	<b>-747,288</b>	<b>-505,300</b>		<b>-342,386</b>	<b>-162,914</b>

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

**FY 2010-2011  
Operating Budget**

**Sanitary District #5 of Marin County  
Final  
Operating Budget  
FY 2010-2011**

	2009-10 Budget	2009-10 Estimated	2010-11 Ops Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Ops	Belv Ops	P.C. Ops
<b>Income</b>								
Tib Property Tax Current Secured - Ops	0	0	91,000		\$91k shifted from Cap to cover Tib Ops	87,651		3,349
Belvedere Sewer Service Charge - Ops	886,900	927,728	870,100	-2%			870,100	
Tiburon Sewer Service Charge	1,285,000	1,240,960	1,551,200	21%		1,494,116		57,084
Other User Fees	14,400	14,469	18,000	25%		18,000		
Interest Earnings	55,700	20,693	18,000	-68%		12,836	4,673	490
Inspection Fees	5,000	5,240	2,800	-44%	Fewer remodels	1,600	1,100	100
SASM Expense Reimbursement	35,400	51,446	51,400	45%		32,649	17,836	915
Nextel Lease	26,800	26,500	27,400	2%		17,404	9,508	488
Other Income	100	289	100	0%		64	35	2
<b>Total Income</b>	<b>2,309,300</b>	<b>2,287,324</b>	<b>2,630,000</b>	<b>14%</b>		<b>1,664,321</b>	<b>903,252</b>	<b>62,428</b>

**Sanitary District #5 of Marin County**  
**Final**  
**Operating Budget**  
**FY 2010-2011**

	2009-10 Budget	2009-10 Estimated	2010-11 Ops Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Ops	Belv Ops	P.C. Ops
<b>Expense Administrative</b>								
Advertising	1,000	500	600	-40%		381	208	11
Outreach & Newsletter	20,000	39,228	4,000	-80%	One newsletter	2,541	1,388	71
Audit & Accounting	12,000	23,214	17,000	42%		10,798	5,899	303
Consulting Fees	40,000	61,659	20,000	-50%	Rate structure evaluation	12,704	6,940	356
Travel & Meetings	9,000	9,445	9,000	0%		5,717	3,123	160
Contributions	200	0	200	0%		127	69	4
Continuing Education	9,000	8,954	9,000	0%		5,717	3,123	160
County Fees	14,200	11,916	13,500	-5%	SB2557 & LAFCO	11,855	1,215	430
Directors Fees	9,000	8,700	9,000	0%		5,717	3,123	160
Dues & Subscriptions	9,000	7,343	15,000	67%		9,528	5,205	267
Elections	7,500	8,302	0	-100%		0	0	0
Insurance Property & Liability	47,000	44,856	47,000	0%	Pooled liability, auto, property	29,854	16,309	837
Legal	12,000	41,404	30,000	150%		19,056	10,410	534
Office Supplies	18,000	42,952	10,000	-44%	Used to be Office/Computer	6,352	3,470	178
Data/Alarms/IT Support & Licensing	0	0	65,000		New - separate Data/IT Support from Office Supp	41,288	22,555	1,157
Postage	1,400	1,200	1,400	0%		889	486	25
Pollution Prevention	1,800	1,800	4,800	167%		3,049	1,666	85
Safety	16,000	16,000	20,000	25%		12,704	6,940	356
Miscellaneous Expense	10,000	17,000	0	-100%		0	0	0
<b>Total Administrative</b>	<b>237,100</b>	<b>344,471</b>	<b>275,500</b>	<b>16%</b>		<b>178,278</b>	<b>92,129</b>	<b>5,094</b>
<b>Maintenance and Repair</b>								
<b>Pumps &amp; Lines Maintenance</b>								
Pumps & Lines Maintenance	155,000	201,729	20,000	-87%	If rodder truck is purchased	9,632	10,000	368
Sewer Line Spot Repair	50,000	29,005	0	-100%	Defer due to capital expenses	0	0	0
<b>Total Pumps &amp; Lines Maintenance</b>	<b>205,000</b>	<b>230,734</b>	<b>20,000</b>	<b>-90%</b>		<b>9,632</b>	<b>10,000</b>	<b>368</b>
<b>Main Plant Maintenance</b>								
Plant Maintenance Supplies	20,000	10,048	15,000	-25%		9,701	5,300	
Plant Maint. Parts & Service	50,000	36,551	40,000	-20%	Generator service	25,868	14,132	
Janitorial Supplies & Service	8,000	4,875	6,000	-25%		3,880	2,120	
Main Plant Chemicals	105,000	83,970	95,000	-10%		61,437	33,564	

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Operating Budget  
FY 2010-2011**

	2009-10 Budget	2009-10 Estimated	2010-11 Ops Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Ops	Belv Ops	P.C. Ops
Lab Supplies & Chemicals	8,000	5,427	6,000	-25%		3,880	2,120	
SASM Supplies & Chemicals	35,400	51,446	51,400	45%		33,240	18,160	
Electrical & Instrument	20,000	18,500	20,000	0%		12,934	7,066	
Grounds Maintenance	2,700	2,382	5,400	100%		3,492	1,908	
Main Plant Sludge Disposal	24,000	19,346	24,000	0%		15,521	8,479	
<b>Total Main Plant Maintenance</b>	<b>273,100</b>	<b>232,545</b>	<b>262,800</b>	<b>-4%</b>		<b>169,953</b>	<b>92,847</b>	<b>0</b>
<b>Paradise Cove Plant Maintenance</b>								
Paradise Parts & Service	2,000	10,762	6,000	200%				6,000
Paradise Supplies & Chemicals	1,300	1,300	1,300	0%				1,300
Paradise Sludge Disposal	3,000	5,884	7,500	150%				7,500
<b>Total Paradise Cove Plant Maintenance</b>	<b>6,300</b>	<b>17,946</b>	<b>14,800</b>	<b>135%</b>		<b>0</b>	<b>0</b>	<b>14,800</b>
<b>Monitoring</b>								
Main Plant Lab Monitoring	48,000	39,928	42,000	-13%		27,161	14,839	
Chronic Toxicity Program Eval	10,000	6,000	7,000	-30%		4,527	2,473	
Paradise Cove Monitoring	5,000	4,944	5,200	4%				5,200
<b>Total Monitoring</b>	<b>63,000</b>	<b>50,872</b>	<b>54,200</b>	<b>-14%</b>		<b>31,688</b>	<b>17,312</b>	<b>5,200</b>
<b>Permits/Fees</b>								
Paradise Cove NPDES Renewal	0	0	50,000		Required every 5 yrs			50,000
Paradise Cove Permits/Fees	6,000	2,753	3,000	-50%				3,000
Permits/Fees - General	16,000	21,923	23,000	44%		14,874	8,126	
<b>Total Permits/Fees</b>	<b>22,000</b>	<b>24,676</b>	<b>76,000</b>	<b>245%</b>		<b>14,874</b>	<b>8,126</b>	<b>53,000</b>
<b>Truck Maintenance</b>								
Truck Maintenance	4,000	4,000	5,000	25%		3,176	1,735	89
Fuel	7,200	7,635	7,500	4%		4,764	2,603	134
<b>Total Truck Maintenance</b>	<b>11,200</b>	<b>11,635</b>	<b>12,500</b>	<b>12%</b>		<b>7,940</b>	<b>4,338</b>	<b>223</b>

**Sanitary District #5 of Marin County**  
**Final**  
**Operating Budget**  
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	2009-10 Budget	2009-10 Estimated	2010-11 Ops Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Ops	Belv Ops	P.C. Ops
<b>Salaries &amp; Benefits</b>								
Salaries	927,000	932,822	852,400	-8%		541,444	295,783	15,173
Part-Time	5,000	5,000	26,000	420%	Office Assistant	16,515	9,022	463
Overtime	26,000	43,660	30,000	15%		19,056	10,410	534
Standby Pay	16,000	15,587	17,000	6%		10,798	5,899	303
Vacation Buyout	28,000	40,000	30,000	7%		19,056	10,410	534
Car Allowance	6,000	6,000	6,000	0%		3,811	2,082	107
Payroll Taxes	77,100	77,521	73,500	-5%		46,687	25,505	1,308
PERS Retirement	356,400	386,235	297,400	-17%		188,908	103,198	5,294
Employee Health, Dental, Life Ins.	141,300	137,558	152,800	8%	Includes SDI now	97,059	53,022	2,720
Retiree Health	34,600	93,532	112,100	224%	GASB 45 - now fully prefunding OPEB costs	71,206	38,899	1,995
Workers Comp Insurance	24,100	20,578	19,900	-17%		12,640	6,905	354
Payroll Fees	4,100	4,594	4,900	20%	New Paychex system	3,112	1,700	87
COBRA Health	8,700	3,578	0	-100%		0	0	0
<b>Total Salaries &amp; Benefits</b>	<b>1,654,300</b>	<b>1,766,665</b>	<b>1,622,000</b>	<b>-2%</b>		<b>1,030,294</b>	<b>562,834</b>	<b>28,872</b>
<b>Uniforms</b>	<b>7,700</b>	<b>9,891</b>	<b>7,700</b>	<b>0%</b>	<b>Purchase pants instead of service</b>	<b>4,891</b>	<b>2,672</b>	<b>137</b>
<b>Telephone</b>								
Main Plant Telephones	12,000	16,108	13,000	8%		8,407	4,593	
Paradise Cove Telephones	1,000	3,137	5,400	440%				5,400
Pumps & Lines Telephones	4,100	3,674	3,800	-7%		3,800		
<b>Total Telephone</b>	<b>17,100</b>	<b>22,919</b>	<b>22,200</b>	<b>30%</b>		<b>12,207</b>	<b>4,593</b>	<b>5,400</b>

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	2009-10 Budget	2009-10 Estimated	2010-11 Ops Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Ops	Belv Ops	P.C. Ops
<b>Utilities</b>								
<b>Water</b>	5,000	3,369	3,500	-30%		2,206	1,294	
<b>Main Plant Utilities</b>	155,000	181,511	175,000	13%		113,173	61,828	
<b>Paradise Cove Utilities</b>	5,500	12,866	13,500	145%				13,500
<b>Pump Station Utilities</b>	33,000	34,506	35,000	6%		19,004	9,996	6,000
<b>Total Utilities</b>	198,500	232,252	227,000	14%		134,382	73,118	19,500
<b>Belvedere Loan</b>								
<b>Belvedere Westamerica Loan Interest</b>	44,100	39,200	34,000	-23%			34,000	
<b>Total Belvedere Loan</b>	44,100	39,200	34,000	-23%		0	34,000	0
<b>Total Expense</b>	2,739,400	2,983,808	2,628,700	-4%		1,594,140	901,967	132,593
<b>Net Ordinary Income</b>	-430,100	-696,484	1,300			70,181	1,284	-70,165



# Operating Assumptions

## Operating Revenue Assumptions

Paradise Cove flow represents 1.78% of total flow for District. This percentage is used to reflect the Paradise Cove share of District-wide revenues.

Tiburon Sewer Service Charge is \$598 per EDU (Equivalent Dwelling Unit).

Belvedere Sewer Service Charge is \$1,457 per EDU. 51% of this fee is estimated for operational needs.

Interest revenue for LAIF (Local Agency Investment Fund) accounts is estimated at 0.5% for FY 2010-11.

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% COLA raise.

PERS employer retirement rate is 26.254%; employee rate is 8.64%.

Workers compensation premium based on 3.76% rate, with an 80% experience modification factor.

Paradise Cove expense is estimated (based on flow) at 1.78% of operation expenses in applicable District-wide categories.

Belvedere operating expense is calculated at 35.33% of main plant-related categories, and 34.70% of expenses that pertain to all three zones.

## Formulas for Determining Percentage Breakdowns

Belvedere only = 100%

Tiburon only = 100%

Paradise Cove only = 100%

Belvedere & Tiburon = 35.33% / 64.67%

Tiburon & Paradise Cove = 96.32% / 3.68%

Shared Belvedere & Tiburon & Paradise Cove = 34.70% / 63.52% / 1.78%

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

**FY 2010-2011  
Capital Budget**

**Sanitary District #5 of Marin County**  
**Final**  
**Capital Budget**  
**FY 2010-2011**

	2009-10 Budget	2009-10 Estimated	2010-11 Cap Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Cap	Belv. Cap	P.C. Cap
						96.32%		3.68%
						64.67%	35.33%	
						63.52%	34.70%	1.78%
<b>Income</b>								
<b>Property Taxes</b>								
Property Tax Current Secured - Capital	403,100	551,993	461,000	14%	\$91k shifted to Ops	444,035		16,965
Prop Tax Current Unsecured	10,000	12,266	10,000	0%		9,632		368
Prop Tax Prior Sec Redemption	0	0	0	0%		0		0
Supplemental Unsecured	1,000	716	700	-30%		674		26
Supplemental Assessment Current	6,800	4,448	4,400	-35%	Homes re-assessed	4,238		162
Supplemental Assessment Redm	700	585	600	-14%		578		22
Excess ERAF	100,000	292,314	200,000	100%		192,640		7,360
HOPTR	3,900	3,963	3,900	0%		3,756		144
Redevelopment	0	66,429	0	0%		0		0
<b>Total Property Taxes</b>	<b>525,500</b>	<b>932,714</b>	<b>680,600</b>	<b>30%</b>		<b>655,554</b>	<b>0</b>	<b>25,046</b>
<b>Belvedere Sewer Service Charge - Capital</b>	<b>417,300</b>	<b>436,578</b>	<b>836,000</b>	<b>100%</b>			<b>836,000</b>	
<b>Connection Fees</b>								
Collection	106,600	95,765	13,600	-87%	Fewer remodels/connections	6,000	1,600	6,000
Treatment	479,400	261,172	46,000	-90%	Fewer remodels/connections	27,000	7,000	12,000
<b>Total Connection Fees</b>	<b>586,000</b>	<b>356,937</b>	<b>59,600</b>	<b>-90%</b>		<b>33,000</b>	<b>8,600</b>	<b>18,000</b>
<b>Paradise Sewer Line Extension Fees</b>	<b>80,000</b>	<b>10,000</b>	<b>40,000</b>	<b>-50%</b>				<b>40,000</b>
<b>Total Income</b>	<b>1,608,800</b>	<b>1,736,229</b>	<b>1,616,200</b>	<b>0%</b>		<b>688,554</b>	<b>844,600</b>	<b>83,046</b>

**Sanitary District #5 of Marin County**  
**Final**  
**Capital Budget**  
**FY 2010-2011**

Capital Expenditures	2009-10 Budget	2009-10 Estimated	2010-11 Cap Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Cap	Belv. Cap	P.C. Cap
<b>Main Plant Equip Capital Expense</b>								
DWP Influent Pump	24,000	17,834	0	-100%	Complete	0	0	
Dry Weather Primary Clarifier	0	-4,000	0	0%		0	0	
Influent Grinder	0	0	0	0%	Originally \$26k - defer	0	0	
Dissolved Air Flootation Refurbish	39,500	0	0	-100%	Originally \$40k - defer	0	0	
SCADA Upgrade & Replacement	0	0	0	0%	Originally \$20k - defer	0	0	
Undesignated Cap - Plant Related	26,000	7,419	50,000	92%		32,335	17,665	
Moyno Pump Replacement	0	0	15,000			9,795	5,205	
Headworks Concrete Project	15,000	0	0	-100%	Originally \$15k - defer	0	0	
Refrigerated Lab Sampler	5,000	5,425	0	-100%	Complete	0	0	
Lab Equipment	2,500	2,500	0	-100%	Complete	0	0	
Digester Cover Rehabilitation No. 2	0	0	250,000			161,675	88,325	
Secondary Clarifier - Refurbish	40,000	24,970	0	-100%	Complete	0	0	
Chlorine Contact Mixer: Replacement	0	0	5,000			3,234	1,767	
Plant Water Piping	0	0	10,000			6,467	3,533	
Chemical Storage Tanks Replacement	0	0	20,000			12,934	7,066	
Gate Valve Replacement Program	0	0	50,000			32,335	17,665	
SCADA Master Plan	0	0	0	0%	Originally \$75k - defer	0	0	
Digester #1 Seismic Retrofit	0	0	0	0%	Originally \$100k - defer	0	0	
Aeration Blower: Replacement	0	0	0	0%	Originally \$10k - defer	0	0	
Asset Condition Assessment	0	0	75,000			48,503	26,498	
<b>Total Main Plant Equip Capital Expense</b>	<b>152,000</b>	<b>54,148</b>	<b>475,000</b>	<b>213%</b>		<b>307,277</b>	<b>167,723</b>	<b>0</b>
<b>Pumps &amp; Lines Capital</b>								
Tiburon Sewer Line Rehab	75,000	64,105	0	-100%	Originally \$100k - defer	0		
Pump Station Control Panel Upgrade	0	0	0	0%	Originally \$10k - defer		0	
Undesignated Capital Proj - P & L	40,000	17,176	100,000	150%		50,000	50,000	
Belvedere Sewer Line Rehab	50,000	45,105	0	-100%	Originally \$65k - defer		0	
Finish Televising/Cleaning Sewer Lines	0	0	122,200			82,200	40,000	
Force Main Replacement Program	0	0	0	0%	Originally \$150k - defer	0	0	
Install Manholes/Rodholes	0	0	72,000			36,000	36,000	
Purchase Rodder Truck	0	0	140,000			85,400	54,600	
Lateral Camera	0	0	13,000			6,500	6,500	
Inflow & Infiltration Study	0	0	50,000			25,000	25,000	
<b>Total Pumps &amp; Lines Capital</b>	<b>165,000</b>	<b>126,386</b>	<b>497,200</b>	<b>201%</b>		<b>285,100</b>	<b>212,100</b>	<b>0</b>

**Sanitary District #5 of Marin County  
Final  
Capital Budget  
FY 2010-2011**

	2009-10 Budget	2009-10 Estimated	2010-11 Cap Budget	% Bud. Diff	Notes	Breakdown by Zone		
						Tib Cap	Belv. Cap	P.C. Cap
<b>Paradise Cove Capital</b>								
Generator Replacement	0	0	0	0%	Originally \$75k - defer			0
<b>Total Paradise Cove Capital</b>	0	0	0	0%		0	0	0
<b>Vehicle Replacement</b>	0	0	25,000			15,880	8,675	445
<b>Belvedere Loan</b>								
Belvedere Westamerica Loan Principle	109,000	111,923	115,000	6%			115,000	
<b>Total Belvedere Loan</b>	109,000	111,923	115,000	6%			115,000	
<b>Total Capital Expenditures</b>	426,000	292,457	1,112,200	161%		608,257	503,498	445
<b>Net Capital Income</b>	1,182,800	1,443,772	504,000			80,297	341,102	82,601

# 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 (except \$91,000, which is needed to balance the Tiburon operating budget).

Supplemental property tax is expected to decline 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 49% of its sewer service fee revenue.

Paradise Cove connection fee income estimated: 4 homes @ \$10,000 each (\$40,000 total).

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

## Capital Expense Assumptions

New capital projects are indicated in notes.

There are no anticipated Paradise Cove capital expenditures.

Belvedere capital expense is calculated at 35.33% of total main plant-related expenditures.

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

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

**FY 2010/2011 - 2014/2015  
Capital Improvement Program**

Sanitary District No.5  
of  
Marin County  
FY 2010/2011 - 2015/2016  
Capital Improvement Program

**MAIN PLANT CAPITAL IMPROVEMENT PROGRAM**

<i>Project Description</i>	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	TOTAL
Chlorine Contact Mixer: Replacement	5,000		5,000				10,000
Dry Weather Influent Pump					30,000		30,000
Influent Grinder: Replacement	0		30,000				30,000
24 Hour Composite Samplers		6,000			7,000		13,000
Plant Water Piping	10,000	15,000					25,000
Vehicle Replacement	25,000			25,000			50,000
Chemical Storage Tanks Replacement	20,000	20,000					40,000
Dissolved Air Flotation Refurbish					50,000		50,000
Gate Valve Replacement Program	50,000	50,000	50,000				150,000
SCADA Upgrade and Replacement	0	20,000					20,000
SCADA Master Plan	0	100,000					100,000
Digester Mixing Pumps		30,000					30,000
Digester Recirc. Pumps [2]			40,000				40,000
Digester No.1 Seismic Retrofit	0	150,000					150,000
Plant Air Compressors Repl. [2]			15,000				15,000
Aeration Blower: Replacement	0			10,000			10,000
Undesignated Capital Projects	50,000	50,000	50,000	120,000	130,000		400,000
Wet Weather Influent Pump		30,000					30,000
Digester Cover Rehabilitation No. 2	250,000						250,000
Aeration Valve Replacement			75,000	75,000			150,000
Aeration Blower Upgrade		100,000	150,000				250,000
WWP - VFD Replacement		25,000					25,000
Monyo Pump Replacement	15,000	15,000	25,000	15,000			70,000
Headworks Concrete Project		15,000					15,000
Boiler Heat Exchanger Replacement		100,000					100,000
Lab Equipment			5,000				5,000
Chlorine Contact Tank Liner Project			300,000				300,000
Asset Condition Assessment	75,000	75,000					150,000



Sanitary District No.5  
of  
Marin County  
FY 2010/2011 - 2015/2016  
Capital Improvement Program

**MAIN PLANT CAPITAL IMPROVEMENT PROGRAM**

Project Description	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	TOTAL
Main Plant Master Plan			50,000				50,000
Secondary Clarifier - Liner Project					50,000		50,000
Secondary Clarifier - Refurbish							0
Headworks/Grit Chamber Valve Replace					150,000		150,000
Electrical/Mechanical Upgrade Study			50,000	50,000	50,000		150,000
RAS & WAS VFD/Control Replacement				25,000			25,000
Screw Press De-watering Pump					20,000		20,000
Gas Sensors/Main Plant - Safety				40,000			40,000
Gear Box & Motor Replacement				150,000			150,000
Confined Space Equipment - Safety				15,000			15,000
Plant Water Pumps & Motors Replacement					40,000		40,000
<b>Main Treatment Plant Total</b>	<b>500,000</b>	<b>801,000</b>	<b>845,000</b>	<b>525,000</b>	<b>527,000</b>	<b>0</b>	<b>3,198,000</b>

Sanitary District No.5  
of  
Marin County  
FY 2010/2011 - 2015/2016  
Capital Improvement Program

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

Project Description	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	TOTAL
* Sewer Line Rehabilitation Program	0	130,000	100,000	100,000	40,000		370,000
Pump Stations - Pump Replacement		10,000		10,000			20,000
Pump Station Generator Replacement				60,000			60,000
Finish Televising/Cleaning Sewer Lines	82,200						82,200
Station No. 9 Structure Repair		150,000					150,000
Station No. 5 Rebuild / 4 Pumps / Generator			150,000	150,000			300,000
Force Main Replacement Program	0	75,000	75,000				150,000
Stations 1 & 4 - Generator Conduit			100,000				100,000
Install Manholes/Rodholes	36,000						36,000
Purchase Rodder Truck	86,000						86,000
Station No. 9 VFD/Controller Replacement					30,000		30,000
Undesignated Capital Projects	50,000	50,000	50,000	50,000	240,000		440,000
I & I Monitoring Study	30,000						30,000
Lateral Camera	6,500						6,500
<b><i>Tiburon P &amp; L Total</i></b>	<b>290,700</b>	<b>415,000</b>	<b>475,000</b>	<b>370,000</b>	<b>310,000</b>	<b>0</b>	<b>1,860,700</b>

Note: \* Sewer Line Rehabilitation Program - For years 2010 through 2015 refer to Sewer Line / Manhole Rehabilitation Program  
Final Report Tiburon Zone April 2007

Sanitary District No.5  
of  
Marin County  
FY 2010/2011 - 2015/2016  
Capital Improvement Program

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

Project Description	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	TOTAL
* Sewer Line Rehabilitation Program	0	65,000	40,000	85,000	65,000		255,000
Pump Stations - Pump Replacement		10,000		10,000			20,000
Pump Station Control Panel - Upgrade	0	10,000	10,000				20,000
Pump Station - Generator Replacement					60,000		60,000
Valve Cover Lid Replacement		20,000	20,000	20,000			60,000
Finish Televising/Cleaning Sewer Lines	40,000						40,000
Install Manholes/Rodholes	36,000						36,000
Cove Rd. Force Main Replacement		600,000					600,000
Purchase Rodder Truck	55,000						55,000
Lagoon Rd. Install Generator/Conduit			175,000	75,000			250,000
Force Main Replacement Program	0	75,000					75,000
Cove Rd. Generator Replacement			150,000				150,000
Undesignated Capital Projects	50,000	50,000	50,000	160,000	230,000		540,000
I & I Monitoring Study	30,000						30,000
Lateral Camera	6,500						6,500
<b><i>Belvedere P &amp; L Total</i></b>	<b>217,500</b>	<b>830,000</b>	<b>445,000</b>	<b>350,000</b>	<b>355,000</b>	<b>0</b>	<b>2,197,500</b>

Note: \* Sewer Line Rehabilitation Program - For years 2010 through 2015 refer to Sewer Line / Manhole Rehabilitation Program  
Final Report Belvedere Zone August 2006

Sanitary District No.5  
of  
Marin County  
FY 2010/2011 - 2015/2016  
Capital Improvement Program

**PARADISE COVE CAPITAL IMPROVEMENT PROGRAM**

Project Description	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	TOTAL
Reuse Water Title 22							
Generator Replacement	0	75,000					75,000
Refrigerator Lab Sampler				5,000			5,000
Undesignated Capital Projects	20,000	20,000	20,000	20,000	20,000		100,000
<b>Paradise Cove Total</b>	<b>95,000</b>	<b>95,000</b>	<b>20,000</b>	<b>25,000</b>	<b>20,000</b>		<b>180,000</b>

**SUMMARY OF CAPITAL IMPROVEMENT PROGRAM**

Project Description	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	TOTAL
Main Plant	500,000	801,000	845,000	525,000	527,000		3,198,000
Tiburon Pumps & Lines	290,700	415,000	475,000	370,000	310,000		1,860,700
Belvedere Pumps & Lines	217,500	830,000	445,000	350,000	355,000		2,197,500
Paradise Cove	20,000	95,000	20,000	25,000	20,000		180,000
<b>TOTAL</b>	<b>1,028,200</b>	<b>2,141,000</b>	<b>1,785,000</b>	<b>1,270,000</b>	<b>1,212,000</b>	<b>0</b>	<b>7,436,200</b>

Capital Improvement Program  
Sanitary District No.5  
FY 2010/2011 - 2015/2016

<b>Main Plant Project Name</b>	<b>Risk</b>	<b>DESCRIPTION</b>
Chlorine Contact Mixer: Replacement		This piece of equipment is used to mix chemical 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		The District has three influent grinders which grind up material which could be harmful to the influent pumps. Two of the grinders have been replaced in the past several years. These grinders run 24 hrs a day and are located in a very hazardous and corrosive atmosphere.
24 Hour Composite Samplers		These refrigerated samplers are used for collecting samples of the influent and effluent wastewater. NPDES requirement.
Plant Water Piping		The plant water piping supplies water for washing down tanks, as well as certain processes within the plant need makeup water. MMWD water is too expensive to use.
Vehicle Replacement		The District trucks have over 150,000 miles on them. This accounts for the mileage but does not account for the accrual hours on the engine.
Chemical Storage Tanks Replacement		The District purchases bulk chemicals which are stored in large double containment plastic tanks. The life of the plastic tanks is 10 years. The District currently has one chlorine tank which has a slight leak.
Dissolved Air Floatation Refurbish [DAF]		The DAF system consists of a 25 ft dia concrete tank within a rotating arm mechism which 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 2010/2011 - 2015/2016

<b>Main Plant Project Name</b>	<b>Risk</b>	<b>DESCRIPTION</b>
Sluice Valves Replacement		The District has many sluice valves throughout the treatment plant which have be 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		These funds will be used to upgrade and add additional alarms to the system.
SCADA Master Plan		The District has been adding additional information to the SCADA system over the years. District Manager feels that a master plan is needed.
Digester Mixing Pump		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 District Manager's opinion.)
Digester Recirc. Pumps [2]		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		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 Compressor [2]		The District has two plant air compressors which need to be replaced. The current air compressor holding tanks will not pass the required testing standards.
Aeration Blower Replacement		The District operates two blowers 24 hrs per day. The District has no spare blowers on site. Without the proper D.O., the aeration basin will not operate properly, leading to possible permit violations.

Capital Improvement Program  
Sanitary District No.5  
FY 2010/2011 - 2015/2016

<b>Main Plant Project Name</b>	<b>Risk</b>	<b>DESCRIPTION</b>
Undesignated Capital Projects		These funds will be used for unforeseen projects.
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		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 matter; therefore, the cover needed to be replaced due to coating failure.
Aeration Sluice Valve Replacement		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 Upgrade		The current aeration blowers which are being used are very inefficient. There is a new style blower which use less electricity and also produces much more air. The new style blower also requires less maintenance.
WWP-VFD Replacement		The current wet weather VFD is the original from the 1980 addition. The new style is more efficient and much smaller.
Moyno Pump Replacement		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 which need to be replaced.

Capital Improvement Program  
Sanitary District No.5  
FY 2010/2011 - 2015/2016

<b>Main Plant Project Name</b>	<b>Risk</b>	<b>DESCRIPTION</b>
Headworks Concrete Project		The headworks is directly below the main office. All of the sewage generated throughout the District ends up in the headworks. The concrete replacement is needed is 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 which reaches the plant, but some of the sulfite still reaches the plant.
Boiler Heat Exchanger Replacement		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 which 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		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		These funds will be used for assessing and possibly moving forward on the main plant rehabilitation project.
Main Plant Master Plan		These funds will be used for evaluating and determining how the District will proceed with keeping the main plant up to date and how to fund all capital costs in the future.
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 2010/2011 - 2015/2016

<b>Main Plant Project Name</b>	<b>Risk</b>	<b>DESCRIPTION</b>
Secondary/Dry/Wet Weather Clarifiers Refurbish		Over time the flight, wear shoes, and other mechanical pieces need to be replaced. These funds will enable the District staff to replace all worn parts.
Headworks/Grit Chamber Valve Replacement		Under the front lawn there's a pit which 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's a large sluice gate which does not open or close. The gate needs to be replaced.
Electrical/Mechanical Upgrade		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 Controls Replacement		These pieces of equipment are the original. Upgrades are needed.
Screw Press Dewatering Pump		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's a very good idea to have a backup pump.
Gas Sensor/Main Plant Headworks		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 and Motor Replacement		Throughout the plant there are many gearboxes and motors which need to be replaced. Many of the pieces of equipment have significant rust and corrosion. Wastewater is very corrosive, along with the salt air.
Confined Space Equipment		The District currently has a tripod for confined space entry, but in some cases a tripod will not work. The District needs to purchase an additional piece of equipment to comply with confined space regulations.

Capital Improvement Program  
Sanitary District No.5  
FY 2010/2011 - 2015/2016

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

<i>Tiburon Zone Pumps &amp; Line Project Name</i>	<i>Risk</i>	<i>DESCRIPTION</i>
Sewer Line Rehabilitation Program		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		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		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 water front. The salt air has raised havoc on some.
Finish Televising Collection System		These funds will be used to complete the televising of the collection system.
Station No. 9 Structure Repair		Station 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		Station 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 which houses two paco pumps. For standby pumping there's a right angle drive unit. There is no generator. These pumps are not efficient. 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		Under the settlement agreement with River Watch, the District must inspect all F/M and repair or replace as needed. These funds will be used for repair/replacement.

Capital Improvement Program  
Sanitary District No.5  
FY 2010/2011 - 2015/2016

<b><i>Tiburon Zone Pumps &amp; Line Project Name</i></b>	<b><i>Risk</i></b>	<b><i>DESCRIPTION</i></b>
Stations No. 1 & 4 Generator Conduit		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 been completed.
Install Manholes and Rodholes		These funds will be used in conjunction with the televising of the collection system. One reason the Harris Report was not complete is that the camera was unable to make it through some pipes and others were not accessible.
Purchase Truck Mounted Rodder		These funds will enable the District to start cleaning sewer lines within the District. The payback period for the purchase of the truck is 1 year.
Station No. 9 VFD Control Replacement		Station 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		These funds will be used for a study to identify the sources of infiltration into the collection system.
New Lateral Camera		The District's current lateral camera is over 15 years old. When staff needs to televise sewer lines they must take the 300 ft reel which weighs approx 50 lb, the control box which weighs approx 70 lb, and a portable generator which weighs approx 60 to 70 lb to the site. If they want to locate a bad spot they must attach a transmitter to the cable near the camera. The old camera has VHS only, which means we are unable to load televised video into ARC-view. New style cameras have everything included in one package, with a battery. Staff would be able to load disks into ARC-view. The new camera weighs approx 80 lb and has wheels.

Capital Improvement Program  
 Sanitary District No.5  
 FY 2010/2011 - 2015/2016

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

<b><i>Belvedere Zone Pumps &amp; Line Project Name</i></b>	<b><i>Risk</i></b>	<b><i>DESCRIPTION</i></b>
Sewer Line Rehabilitation Program		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		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 Replacement		Within the Belvedere Zone there are many pump stations with single phase power with capacitor 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		These funds will be used to replace generators.
Valve Cover Lid Replacement		These funds will be used to replace wet well and valve box lids which are in traffic areas. Some of the lids are very hard to open due to the fact that the lifting devices have broken off.
Finish Televising Sewer Lines		These funds will be used to complete the televising of the collection system.
Install Manholes and Rodholes		These funds will be used in conjunction with the televising of the collection system. One reason the Harris Report was not complete is that the camera was unable to make it through some pipes and others were not accessible.
Cove Rd. Force Main Replacement		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 2010/2011 - 2015/2016

<b>Belvedere Zone Pumps &amp; Line Project Name</b>	<b>Risk</b>	<b>DESCRIPTION</b>
Purchase Truck Mounted Rodder		These funds will enable the District to start cleaning sewer lines within the District. The payback period for the purchase of the truck is 1 year.
Lagoon Rd. Install Generator/Conduit		Lagoon Rd. has 3 pump stations which 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 station up.
Force Main Replacement		Under the settlement agreement with River Watch, the District must inspect all F/M and repair or replace as needed. These funds will be used for repair/replacement.
Cove Rd. Generator Replacement		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's 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		These funds will be used for a study to identify the sources of infiltration into the collection system.
New Lateral Camera		The District's current lateral camera is over 15 years old. When staff needs to televise sewer lines, they must take the 300 ft reel which weighs approx 50 lb, the control box which weighs approx 70 lb, and a portable generator which weighs approx 60 to 70 lb to the site. If they want to locate a bad spot they must attach a transmitter to the cable near the camera. The old camera has VHS only which means we are unable to load televised video into ARC-view. New style cameras have everything included in one package, with a battery. Staff would be able to load disks into ARC-view. The new camera weighs approx 80 lb and has wheels.

Capital Improvement Program  
Sanitary District No.5  
FY 2010/2011 - 2015/2016

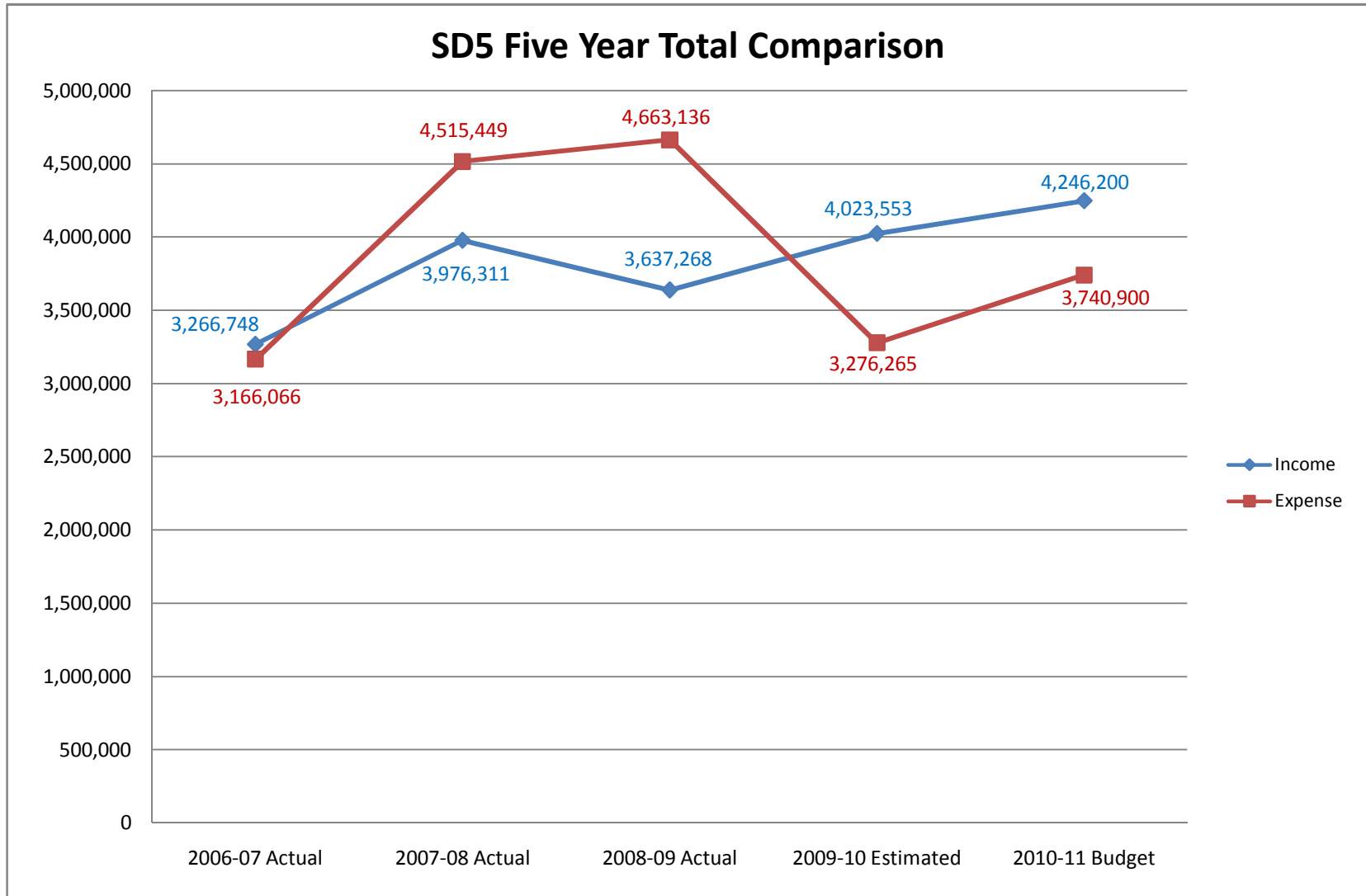
**PARADISE COVE CAPITAL IMPROVEMENT PROJECTS**

<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.
24 Hour Composite Samplers		These refrigerated 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 2006/2007 - 2010/2011**

	2006-07 Actual	2007-08 Actual	2008-09 Actual	2009-10 Estimated	2010-11 Budget
Income	3,266,748	3,976,311	3,637,268	4,023,553	4,246,200
Expense	3,166,066	4,515,449	4,663,136	3,276,265	3,740,900

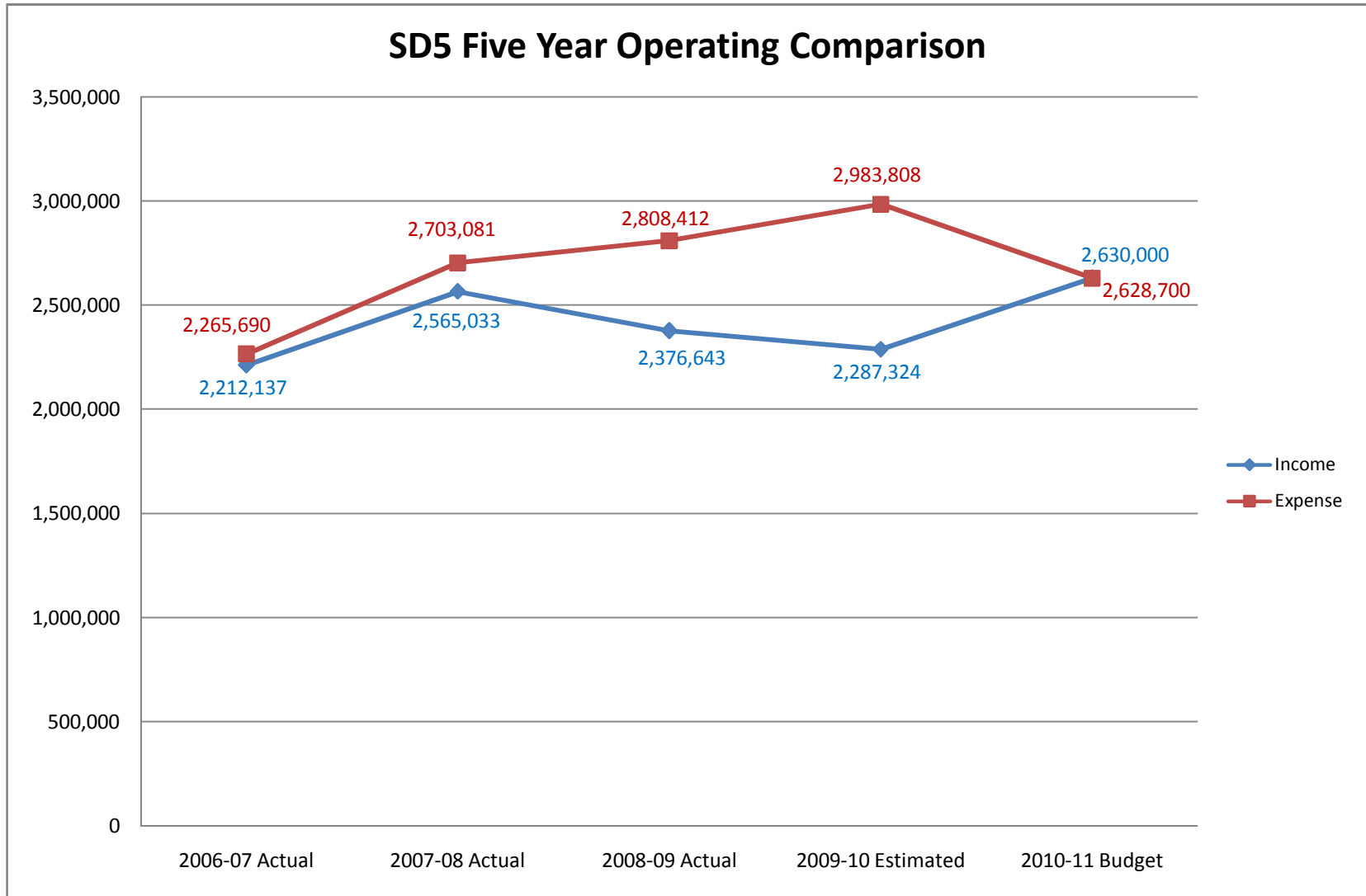




# **Sanitary District No. 5 of Marin County**

**Five Year Operating Comparison  
FY 2006/2007 - 2010/2011**

	2006-07 Actual	2007-08 Actual	2008-09 Actual	2009-10 Estimated	2010-11 Budget
Income	2,212,137	2,565,033	2,376,643	2,287,324	2,630,000
Expense	2,265,690	2,703,081	2,808,412	2,983,808	2,628,700



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

	2006-07		2007-08		2008-09		2009-10		2010-11		Total
	Actual		Actual		Actual		Estimated		Budget		
<b>Income</b>											
Tib Prop Tax Current Secured - Ops	0		0	0%	0	0%	0	0%	91,000		91,000
<b>Sewer Service Charge</b>											
Sewer Service - Tiburon	1,082,525		1,288,035	19%	1,285,551	0%	1,240,960	-3%	1,551,200	25%	6,448,271
Sewer Service - Belv Ops	795,140		997,837	25%	940,684	-6%	927,728	-1%	870,100	-6%	4,531,489
Other User Fees	12,157		14,197	17%	10,977	-23%	14,469	32%	18,000	24%	69,800
<b>Total Sewer Service Charge</b>	<b>1,889,822</b>		<b>2,300,069</b>	<b>22%</b>	<b>2,237,212</b>	<b>-3%</b>	<b>2,183,156</b>	<b>-2%</b>	<b>2,439,300</b>	<b>12%</b>	<b>11,049,559</b>
Interest Earnings	208,224		177,554	-15%	72,673	-59%	20,693	-72%	18,000	-13%	497,144
Inspection Fees	2,365		3,580	51%	4,525	26%	5,240	16%	2,800	-47%	18,510
SASM Expense Reimb.	51,405		42,590	-17%	38,573	-9%	51,446	33%	51,400	0%	235,413
Nextel Lease	21,936		26,910	23%	23,726	-12%	26,500	12%	27,400	3%	126,471
Other Income	38,385		14,329	-63%	-65	-100%	289		100	-65%	53,039
<b>Total Income</b>	<b>2,212,137</b>		<b>2,565,033</b>	<b>16%</b>	<b>2,376,643</b>	<b>-7%</b>	<b>2,287,324</b>	<b>-4%</b>	<b>2,630,000</b>	<b>15%</b>	<b>12,071,136</b>
<b>Expense</b>											
Advertising	3,465		16,934	389%	3,394	-80%	500	-85%	600	20%	24,893
Outreach & Newsletter	14,812		10,976	-26%	0	-100%	39,228		4,000	-90%	69,016
Audit & Accounting	17,125		39,603	131%	38,871	-2%	23,214	-40%	17,000	-27%	135,812
Consulting Fees	21,474		16,748	-22%	37,475	124%	61,659	65%	20,000	-68%	157,355
Travel & Meetings	13,497		14,281	6%	10,134	-29%	9,445	-7%	9,000	-5%	56,357
Contributions	0		0	0%	0	0%	0	0%	200		200
Continuing Education	11,299		13,164	17%	8,691	-34%	8,954	3%	9,000	1%	51,107
County Fees	13,279		8,625	-35%	11,853	37%	11,916	1%	13,500	13%	59,173
Directors Fees	11,400		9,222	-19%	9,000	-2%	8,700	-3%	9,000	3%	47,322
Dues & Subscriptions	9,231		13,998	52%	11,243	-20%	7,343	-35%	15,000	104%	56,815
Elections	0		7,565		0	-100%	8,302		0	-100%	15,867
Insurance Property & Liability	37,270		68,032	83%	17,005	-75%	44,856	164%	47,000	5%	214,164
Legal	11,640		12,325	6%	72,493	488%	41,404	-43%	30,000	-28%	167,862
Miscellaneous Expense	1		28,344		40,579	43%	17,000	-58%	0	-100%	85,924
Pump Maintenance	30,083		23,185	-23%	43,247	87%	0	-100%	0	0%	96,515
<b>Line Maintenance</b>											
(Pumps &) Line Maintenance	123,816		196,322	59%	143,009	-27%	201,729	41%	20,000	-90%	684,876
Sewer Line Spot Repair	71,342		95,106	33%	64,232	-32%	29,005	-55%	0	-100%	259,685
Emergency Line Cleaning	0		0	0%	27,083		0	-100%	0	0%	27,083
<b>Total Line Maintenance</b>	<b>195,158</b>		<b>291,428</b>	<b>49%</b>	<b>234,324</b>	<b>-20%</b>	<b>230,734</b>	<b>-2%</b>	<b>20,000</b>	<b>-91%</b>	<b>971,644</b>
<b>Main Plant Maintenance</b>											
Plant Maintenance Supplies	56,659		55,373	-2%	11,275	-80%	10,048	-11%	15,000	49%	148,355

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

	2006-07	2007-08	2008-09	2009-10	2009-10	2010-11	2010-11			Total
	Actual	Actual	Actual	Estimated	Estimated	Budget	Budget			
<b>Plant Maint. Parts &amp; Service</b>	54,819	45,163	-18%	56,732	26%	36,551	-36%	40,000	9%	233,265
<b>Janitorial Supplies &amp; Service</b>	0	0	0%	3,620		4,875	35%	6,000	23%	14,496
<b>Main Plant Chemicals</b>	114,023	114,803	1%	95,593	-17%	83,970	-12%	95,000	13%	503,388
<b>Lab Supplies &amp; Chemicals</b>	0	0	0%	5,198		5,427	4%	6,000	11%	16,625
<b>SASM Supplies &amp; Chemicals</b>	6,606	1,584	-76%	38,573	2335%	51,446	33%	51,400	0%	149,609
<b>Electrical &amp; Instrument</b>	40,506	26,099	-36%	11,617	-55%	18,500	59%	20,000	8%	116,722
<b>Grounds Maintenance</b>	441	2,972	573%	5,069	71%	2,382	-53%	5,400	127%	16,265
<b>Main Plant Sludge Disposal</b>	22,157	23,271	5%	25,005	7%	19,346	-23%	24,000	24%	113,778
<b>Total Main Plant Maintenance</b>	295,211	269,264	-9%	252,683	-6%	232,545	-8%	262,800	13%	1,312,503
<b>Paradise Cove Plant Maint</b>										
<b>Paradise Parts &amp; Service</b>	3,572	2,827	-21%	3,587	27%	10,762	200%	6,000	-44%	26,749
<b>Paradise Supplies &amp; Chemicals</b>	0	1,533		1,095	-29%	1,300	19%	1,300	0%	5,229
<b>Paradise Sludge Disposal</b>	4,069	5,558	37%	3,363	-39%	5,884	75%	7,500	27%	26,373
<b>Total Paradise Cove Plant Maint</b>	7,641	9,917	30%	8,046	-19%	17,946	123%	14,800	-18%	58,350
<b>Monitoring</b>										
<b>Main Plant Lab Monitoring</b>	35,516	40,071	13%	55,215	38%	39,928	-28%	42,000	5%	212,730
<b>Paradise Cove Monitoring</b>	7,925	4,644	-41%	5,091	10%	4,944	-3%	5,200	5%	27,804
<b>Chronic Toxicity Program Eval</b>	0	0	0%	0	0%	6,000		7,000	17%	13,000
<b>Total Monitoring</b>	43,441	44,716	3%	60,306	35%	50,872	-16%	54,200	7%	253,534
<b>Office/Computer (now Office Supplies)</b>	12,729	15,352	21%	25,589	67%	42,952	68%	10,000	-77%	106,621
<b>Data/Alarms/IT Support &amp; Licensing</b>	0	0	0%	0	0%	0	0%	65,000		65,000
<b>Postage</b>	1,062	1,141	7%	1,272	11%	1,200	-6%	1,400	17%	6,076
<b>Permits/Fees</b>										
<b>Main Plant NPDES Renewal</b>	9,087	34,017	274%	4,510	-87%	0	-100%	0	0%	47,613
<b>Paradise Cove NPDES Renewal</b>	0	0	0%	0	0%	0	0%	50,000		50,000
<b>Permits/Fees-General</b>	20,286	16,569	-18%	15,488	-7%	21,923	42%	23,000	5%	97,266
<b>Paradise Cove Permits/Fees</b>	7,028	3,381	-52%	5,449	61%	2,753	-49%	3,000	9%	21,611
<b>Total Permits/Fees</b>	36,401	53,967	48%	25,447	-53%	24,676	-3%	76,000	208%	216,491
<b>Pollution Prevention</b>	4,916	1,475	-70%	2,414	64%	1,800	-25%	4,800	167%	15,405
<b>Truck Maintenance</b>										
<b>Fuel</b>	0	0	0%	7,249		7,635	5%	7,500	-2%	22,385
<b>Truck Maintenance</b>	8,895	13,452	51%	4,664	-65%	4,000	-14%	5,000	25%	36,010
<b>Total Truck Maintenance</b>	8,895	13,452	51%	11,913	-11%	11,635	-2%	12,500	7%	58,395
<b>Safety</b>	13,101	17,219	31%	22,282	29%	16,000	-28%	20,000	25%	88,602
<b>Salaries &amp; Benefits</b>										
<b>Salaries</b>	651,286	716,392	10%	873,057	22%	932,822	7%	852,400	-9%	4,025,957
<b>Part-Time</b>	3,443	20,122	485%	2,044	-90%	5,000	145%	26,000	420%	56,608
<b>Overtime</b>	23,698	26,411	11%	30,989	17%	43,660	41%	30,000	-31%	154,759

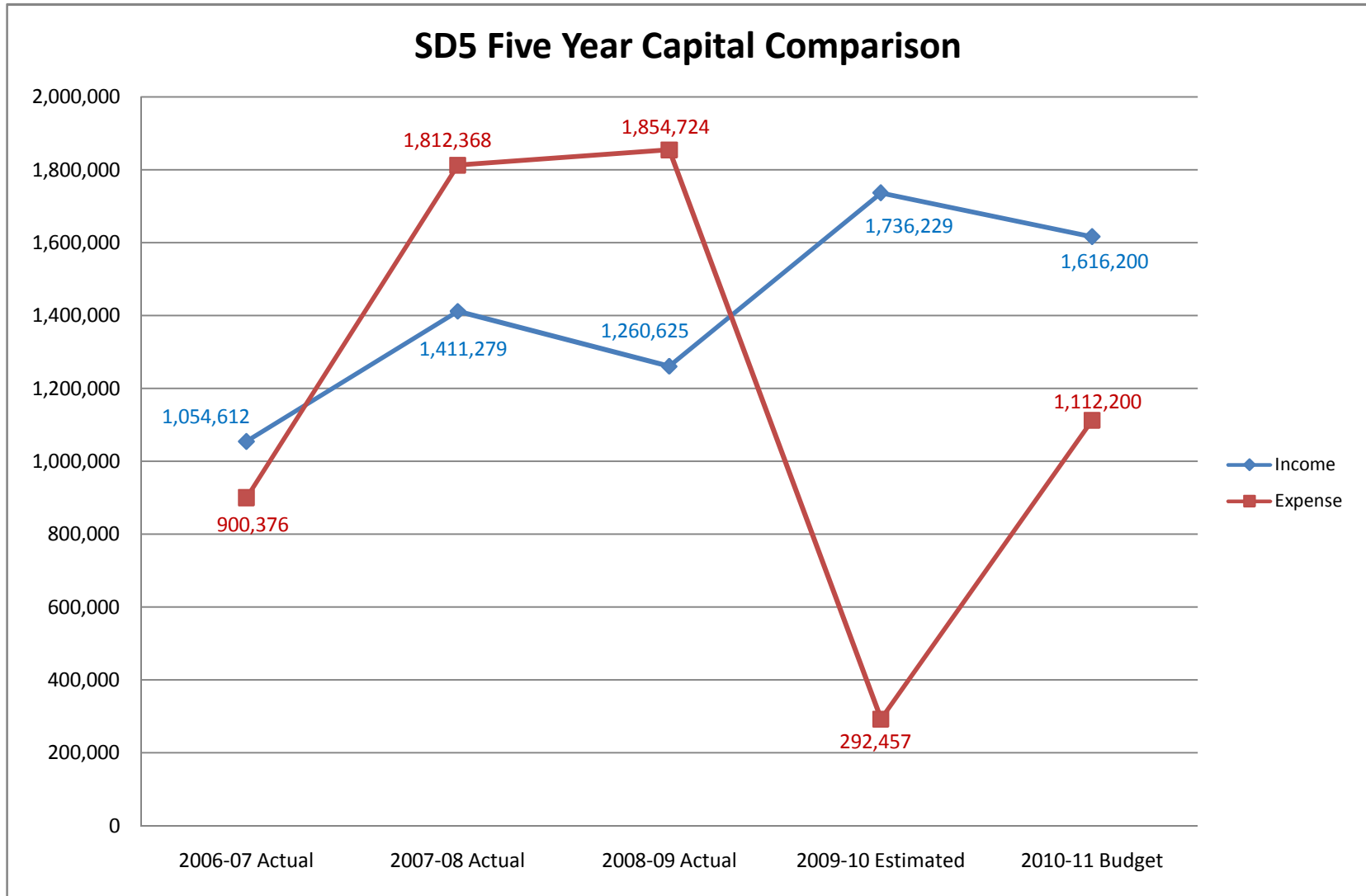
**Sanitary District No. 5 of Marin County  
Five Year Operating Comparison**

	2006-07		2007-08		2008-09		2009-10		2010-11		Total
	Actual		Actual		Actual		Estimated		Budget		
<b>Standby Pay</b>	13,652		15,638	15%	15,766	1%	15,587	-1%	17,000	9%	77,643
<b>Vacation Buyout</b>	23,148		48,389	109%	45,694	-6%	40,000	-12%	30,000	-25%	187,231
<b>Payroll Taxes</b>	52,987		60,559	14%	67,390	11%	77,521	15%	73,500	-5%	331,956
<b>Payroll Fees</b>	2,853		3,223	13%	4,053	26%	4,594	13%	4,900	7%	19,623
<b>Car Allowance</b>	3,500		5,850	67%	6,000	3%	6,000	0%	6,000	0%	27,350
<b>PERS Retirement</b>	281,871		319,325	13%	348,099	9%	386,235	11%	297,400	-23%	1,632,931
<b>Employee Health/Dental/Life Ins.</b>	138,386		110,021	-20%	127,939	16%	137,558	8%	152,800	11%	666,703
<b>Retiree Health</b>	0		33,681		24,770	-26%	93,532	278%	112,100	20%	264,083
<b>Workers Comp Insurance</b>	7,905		37,254	371%	19,656	-47%	20,578	5%	19,900	-3%	105,293
<b>COBRA Health</b>	0		0	0%	5,718		3,578	-37%	0	-100%	9,296
<b>Total Salaries &amp; Benefits</b>	1,202,729		1,396,866	16%	1,571,173	12%	1,766,665	12%	1,622,000	-8%	7,559,434
<b>Uniforms</b>	7,039		10,574	50%	9,374	-11%	9,891	6%	7,700	-22%	44,578
<b>Telephone</b>											
<b>Main Plant Telephones</b>	12,750		11,799	-7%	12,126	3%	16,108	33%	13,000	-19%	65,783
<b>Paradise Cove Telephones</b>	907		811	-11%	1,059	31%	3,137	196%	5,400	72%	11,315
<b>Pumps &amp; Lines Telephones</b>	2,970		3,509	18%	3,962	13%	3,674	-7%	3,800	3%	17,915
<b>Total Telephone</b>	16,627		16,120	-3%	17,148	6%	22,919	34%	22,200	-3%	95,013
<b>Utilities</b>											
<b>Water</b>	0		0	0%	3,933		3,369	-14%	3,500	4%	10,802
<b>Main Plant Utilities</b>	162,382		188,267	16%	173,666	-8%	181,511	5%	175,000	-4%	880,827
<b>Paradise Cove Utilities</b>	5,323		6,697	26%	7,807	17%	12,866	65%	13,500	5%	46,193
<b>Pump Station Utilities</b>	30,119		34,685	15%	32,926	-5%	34,506	5%	35,000	1%	167,236
<b>Total Utilities</b>	197,823		229,649	16%	218,332	-5%	232,252	6%	227,000	-2%	1,105,057
<b>Belvedere Loan</b>											
<b>Belv Westamerica Loan Interest</b>	28,340		48,941	73%	44,123	-10%	39,200	-11%	34,000	-13%	194,604
<b>Total Belvedere Loan</b>	28,340		48,941	73%	44,123	-10%	39,200	-11%	34,000	-13%	194,604
<b>Total Expense</b>	2,265,690		2,703,081	19%	2,808,412	4%	2,983,808	6%	2,628,700	-12%	13,389,691
<b>Net Ordinary Income</b>	-53,554		-138,049		-431,769		-696,484		1,300		-1,318,555

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

**Five Year Capital Comparison  
FY 2006/2007 - 2010/2011**

	2006-07 Actual	2007-08 Actual	2008-09 Actual	2009-10 Estimated	2010-11 Budget
Income	1,054,612	1,411,279	1,260,625	1,736,229	1,616,200
Expense	900,376	1,812,368	1,854,724	292,457	1,112,200



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

	2006-07 Actual	2007-08 Actual	2008-09 Actual	2009-10 Estimated	2010-11 Budget	Total				
<b>Income</b>										
<b>Property Taxes</b>										
Prop Tax Current Secured - Capital	470,767	501,312	6%	537,537	7%	551,993	3%	461,000	-16%	2,522,608
Prop Tax Current Unsec	10,208	9,916	-3%	11,387	15%	12,266	8%	10,000	-18%	53,777
Prop Tax Prior Sec Redemption	129	0	-100%	87		0	-100%	0	0%	216
Supplemental Unsecured	537	533	-1%	721	35%	716	-1%	700	-2%	3,208
Supplemental Assessment Current	16,743	17,203	3%	10,176	-41%	4,448	-56%	4,400	-1%	52,970
Supplemental Assessment Redm	1,259	833	-34%	795	-5%	585	-26%	600	3%	4,072
Excess ERAF	214,198	356,674	67%	254,661	-29%	292,314	15%	200,000	-32%	1,317,847
HOPTR	3,898	3,899	0%	3,934	1%	3,963	1%	3,900	-2%	19,594
Other Tax	98	50	-48%	0	-100%	0	0%	0	0%	148
Redevelopment	0	10,138		0	-100%	66,429		0	-100%	76,566
<b>Total Property Taxes</b>	<b>717,837</b>	<b>900,558</b>	<b>25%</b>	<b>819,298</b>	<b>-9%</b>	<b>932,714</b>	<b>14%</b>	<b>680,600</b>	<b>-27%</b>	<b>4,051,007</b>
<b>Belv Sewer Service Charge - Capital</b>	<b>264,132</b>	<b>355,440</b>	<b>35%</b>	<b>365,822</b>	<b>3%</b>	<b>436,578</b>	<b>19%</b>	<b>836,000</b>	<b>91%</b>	<b>2,257,971</b>
<b>Connection Fees</b>										
Collection	-15,248	31,119		14,175	-54%	95,765	576%	13,600	-86%	139,410
Treatment	87,891	124,162	41%	61,330	-51%	261,172	326%	46,000	-82%	580,555
<b>Total Connection Fees</b>	<b>72,643</b>	<b>155,281</b>	<b>114%</b>	<b>75,505</b>	<b>-51%</b>	<b>356,937</b>	<b>373%</b>	<b>59,600</b>	<b>-83%</b>	<b>719,966</b>
<b>Paradise Sewer Line Extension Fees</b>	<b>0</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>10,000</b>		<b>40,000</b>	<b>300%</b>	<b>50,000</b>
<b>Total Income</b>	<b>1,054,612</b>	<b>1,411,279</b>	<b>34%</b>	<b>1,260,625</b>	<b>-11%</b>	<b>1,736,229</b>	<b>38%</b>	<b>1,616,200</b>	<b>-7%</b>	<b>7,078,944</b>
<b>Expense</b>										
<b>Capital Expansion (Paradise Cove)</b>										
Shaw Bypass	22,882	0	-100%	0	0%	0	0%	0	0%	22,882
Paradise Cove Conveyance Sys.	8,715	0	-100%	0	0%	0	0%	0	0%	8,715
Capt Expansion (Para Cove) - Other	0	0	0%	225,000		0	-100%	0	0%	225,000
<b>Total Capital Expansion (Paradise Cove)</b>	<b>31,597</b>	<b>0</b>	<b>-100%</b>	<b>225,000</b>		<b>0</b>	<b>-100%</b>	<b>0</b>	<b>0%</b>	<b>256,597</b>
Paradise Cove Improvement Proj.	35,708	974,195	2628%	709,716	-27%	0	-100%	0	0%	1,719,619
Paradise Cove Generator Replacement	0	0	0%	0	0%	0	0%	0	0%	0
<b>Main Plant Equip Capital Expense</b>										
In-Line Grinder Digester Mixing	0	33,630		0	-100%	0	0%	0	0%	33,630
Foul Air Scrubber Pump Replace.	0	10,956		0	-100%	0	0%	0	0%	10,956
Plant Water Pumps Replacement	0	2,184		0	-100%	0	0%	0	0%	2,184
Maintenance Mgmt Project	1,434	0	-100%	0	0%	0	0%	0	0%	1,434
Chlorine Contact Mixer	0	11,096		0	-100%	0	0%	5,000		16,096
DWP Influent Pump	0	23,185		0	-100%	17,834		0	-100%	41,018
Dry Weather Primary Clarifier	0	0	0%	0	0%	-4,000		0		-4,000
Influent Grinder	0	25,422		25,355	0%	0	-100%	0	0%	50,777



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

	2006-07 Actual	2007-08 Actual	2008-09 Actual	2009-10 Estimated	2010-11 Budget	Total				
Undesignated Cap - Plant Related	0	0	0%	22,226	7,419 -67%	50,000 574%	79,645			
Sludge Dewater Screwpress	361,332	24,257	-93%	0	-100%	0 0%	385,589			
Digester Cover #1 Rehab	0	100,707		557,738	454%	0 0%	658,445			
Digester Cover #2 Rehab	0	0	0%	0	0%	250,000	250,000			
Digester Cover #1 Seismic Retrofit	0	0	0%	0	0%	0	0			
Moyno Pump Replacement	0	0	0%	11,507		0 -100%	15,000	26,507		
Dissolved Air Flotation Refurbish	0	0	0%	544		0 -100%	0	544		
SCADA Upgrade & Replacement	0	44,852		6,905	-85%	0 -100%	0	51,758		
Headworks Concrete Project	0	0	0%	0	0%	0	0	0		
Refrigerated Lab Sampler	0	0	0%	0	0%	5,425	0 -100%	5,425		
Lab Equipment	0	0	0%	0	0%	2,500	0 -100%	2,500		
Secondary Clarifier - Refurbish	0	0	0%	0	0%	24,970	0 -100%	24,970		
Plant Water Piping	0	0	0%	0	0%	0	10,000	10,000		
Chemical Storage Tanks Replacement	0	0	0%	0	0%	0	20,000	20,000		
Gate Valve Replacement Program	0	0	0%	0	0%	0	50,000	50,000		
SCADA Master Plan	0	0	0%	0	0%	0	0	0		
Aeration Blower: Replacement	0	0	0%	0	0%	0	0	0		
Asset Condition Assessment	0	0	0%	0	0%	0	75,000	75,000		
<b>Total Main Plant Equip Capital Expense</b>	<b>362,767</b>	<b>276,290</b>	<b>-24%</b>	<b>624,275</b>	<b>126%</b>	<b>54,148</b>	<b>-91%</b>	<b>475,000</b>	<b>777%</b>	<b>1,792,479</b>
<b>Undesignated Capital</b>										
Undesignated Cap Proj - Tiburon	34,519	12,038	-65%	0	-100%	0	0%	0	0%	46,556
Undesignated Cap Proj - Paradise	0	100,000		0	-100%	0	0%	0	0%	100,000
Undesignated Cap Proj - Belvedere	11,342	4,811	-58%	0	-100%	0	0%	0	0%	16,153
<b>Total Undesignated Capital</b>	<b>45,861</b>	<b>116,848</b>	<b>155%</b>	<b>0</b>	<b>-100%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>162,710</b>
<b>Pumps &amp; Lines Capital</b>										
Guide Rail Replacement	0	9,859		0	-100%	0	0%	0	0%	9,859
Wet Well Pump Base Replacement	0	2,086		0	-100%	0	0%	0	0%	2,086
Truck Computerized Mapping Syst	3,936	0	-100%	0	0%	0	0%	0	0%	3,936
Station Pump Replacement Belv.	7,985	16,494	107%	0	-100%	0	0%	0	0%	24,479
Radio Communication Upgrade	0	39,330		0	-100%	0	0%	0	0%	39,330
Tiburon Sewer Line Rehab	0	133,379		69,001	-48%	64,105	-7%	0	-100%	266,485
Pump Station Control Panel Upgrade	0	19,087		5,180	-73%	0	-100%	0	0%	24,267
Undesignated Cap Proj - P & L	0	11,507		29,254	154%	17,176	-41%	100,000	482%	157,938
Belvedere Sewer Line Rehab	0	65,159		70,135	8%	45,105	-36%	0	-100%	180,399
Finish Televising/Cleaning Sewer Lines	0	0	0%	0	0%	0	0%	122,200		122,200
Force Main Replacement Program	0	0	0%	0	0%	0	0%	0	0%	0
Install Manholes/Rodholes	0	0	0%	0	0%	0	0%	72,000		72,000
Purchase Rodder Truck	0	0	0%	0	0%	0	0%	140,000		140,000

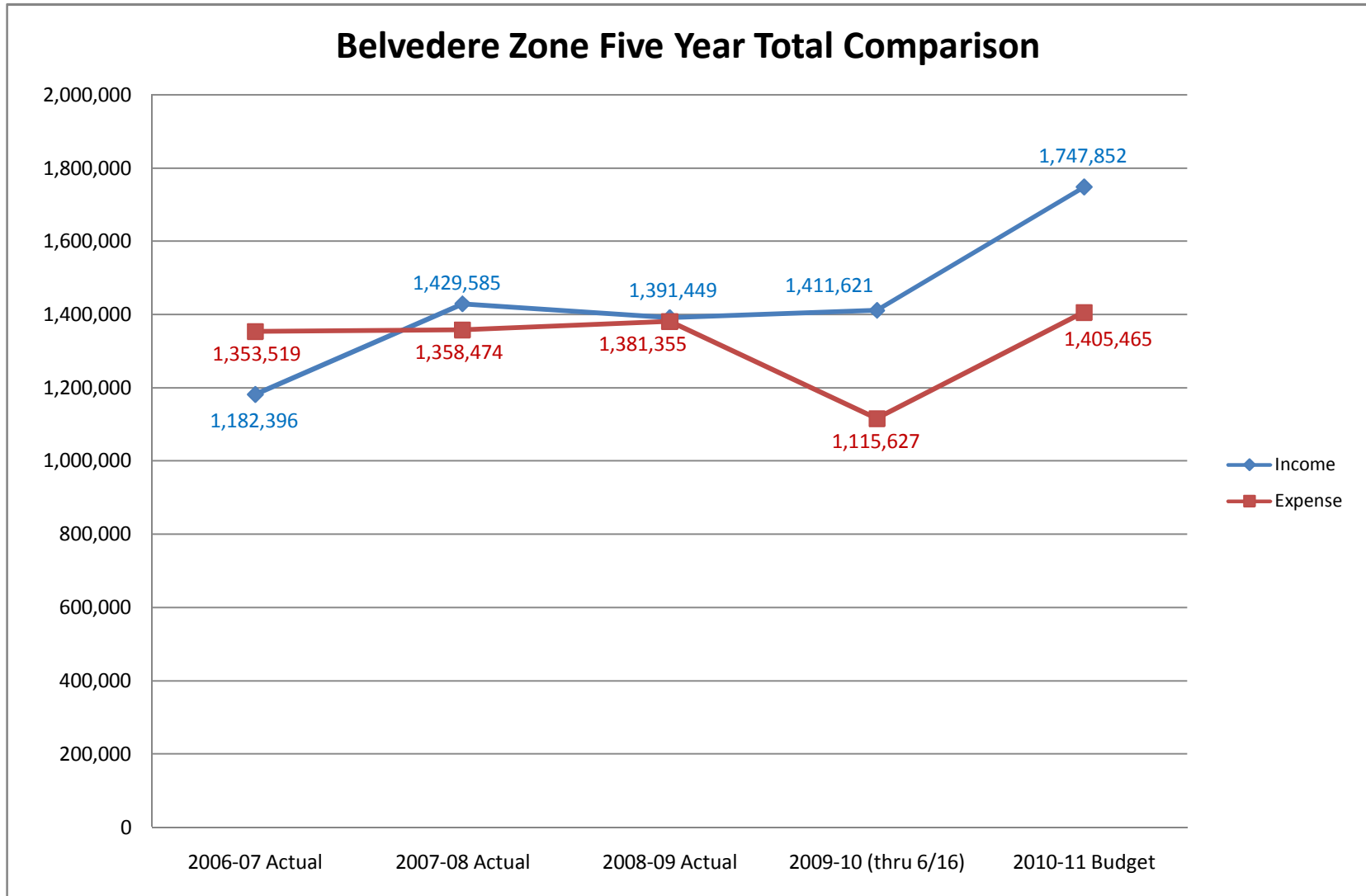
**Sanitary District No. 5 of Marin County  
Five Year Capital Comparison**

	2006-07 Actual	2007-08 Actual	2008-09 Actual	2009-10 Estimated	2010-11 Budget	Total				
Lateral Camera	0	0	0%	0	0%	13,000	13,000			
Inflow & Infiltration Study	0	0	0%	0	0%	50,000	50,000			
Pump Station Replacement	9,055	11,744	30%	13,162	12%	0	0%	33,960		
<b>Total Pumps &amp; Lines Capital</b>	<b>20,976</b>	<b>308,646</b>	<b>1371%</b>	<b>186,731</b>	<b>-39%</b>	<b>126,386</b>	<b>-32%</b>	<b>497,200</b>	<b>293%</b>	<b>1,139,939</b>
Vehicle Replacement	5,000	0	-100%	0	0%	0	0%	25,000		30,000
<b>Belvedere COP</b>										
Belvedere COP Payoff	250,000	30,350	-88%	0	-100%	0	0%	0	0%	280,350
Belvedere COP	45,468	0	-100%	0	0%	0	0%	0	0%	45,468
<b>Total Belvedere COP</b>	<b>295,468</b>	<b>30,350</b>	<b>-90%</b>	<b>0</b>	<b>-100%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>325,818</b>
Belvedere WestAmerica Loan Principle	103,000	106,039	3%	109,002	3%	111,923	3%	115,000	3%	544,964
<b>Total Expense</b>	<b>900,376</b>	<b>1,812,368</b>	<b>101%</b>	<b>1,854,724</b>	<b>2%</b>	<b>292,457</b>	<b>-84%</b>	<b>1,112,200</b>	<b>280%</b>	<b>5,972,125</b>
<b>Net Ordinary Income</b>	<b>154,236</b>	<b>-401,090</b>		<b>-594,100</b>		<b>1,443,772</b>		<b>504,000</b>		<b>1,106,818</b>

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

**Five Year Zone Comparison  
FY 2006/2007 - 2010/2011**

	2006-07 Actual	2007-08 Actual	2008-09 Actual	2009-10 (thru 6/16)	2010-11 Budget
Income	1,182,396	1,429,585	1,391,449	1,411,621	1,747,852
Expense	1,353,519	1,358,474	1,381,355	1,115,627	1,405,465



	2006-07 Actual	2007-08 Actual	2008-09 Actual	2009-10 (thru 6/16)	2010-11 Budget
Income	2,114,463	2,517,105	2,270,992	2,602,812	2,498,348
Expense	1,812,547	3,134,239	3,210,542	1,861,436	2,335,435

