

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

**FY 2018 - 2019 Final Budget**

**June 21, 2018**

**Prepared by:**

John Carapiet, President  
Tod Moody, Vice President  
Catharine Benediktsson, Secretary  
Michael Lasky, Director  
Richard Snyder, Director  
Tony Rubio, District Manager  
Robin Dohrmann, Office Manager

## Sanitary District No. 5 of Marin County

### Consolidated Budget FY 2018-2019

Income	2017-2018 Budget	2017-2018 Actual *	2018-2019 Budget	% Diff.	Tib Zone	Belv Zone
Property Taxes	901,056	1,106,859	981,933	9%	981,933	0
Tib Sewer Service Charge Revenue	2,730,745	2,902,139	2,730,745	0%	2,730,745	0
Belv Sewer Service Charge Revenue	2,296,381	2,455,642	2,296,381	0%	0	2,296,381
Interest	25,000	98,347	25,000	0%	15,977	9,023
Treatment & Collection Fees	100,000	400,000	160,000	60%	102,256	57,744
Paradise Sewer Extension Fees	12,464	-	12,863	3%	12,863	0
Other Income	100	-	100	0%	64	36
Connection & Inpsection Permit Fees	12,500	24,800	12,500	0%	7,989	4,511
SASM Expense Reimbursement	65,000	79,970	65,000	0%	41,028	23,972
<b>Total Budgeted Income</b>	<b>6,143,246</b>	<b>7,067,757</b>	<b>6,284,522</b>	<b>2%</b>	<b>3,892,854</b>	<b>2,391,667</b>
<b>Expense</b>						
Operating Expenses	2,986,410	3,877,940 **	3,467,068 ***	16%	2,224,970	1,242,097
Capital Expenses	2,733,750	2,368,046	1,996,000	-27%	1,087,770	908,230
<b>Total Budgeted Expenses</b>	<b>5,720,160</b>	<b>6,245,986</b>	<b>5,463,068</b>	<b>-4%</b>	<b>3,312,740</b>	<b>2,150,327</b>
<b>Net Ordinary Income</b>	<b>423,086</b>	<b>821,770</b>	<b>821,453</b>	<b>94%</b>	<b>580,114</b>	<b>241,340</b>

\* Actual numbers are based on estimates, as of 6.17.18

\*\* Operating Expenses include 1x CalPERS Unfunded Liability Lump Sum Payment of \$740,733 (for FY15/16)

\*\*\* Operating Expenses include Increased CalPERS Reserve Funding

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

**FY 2018 - 2019  
Operating Budget**

# Operating Assumptions

## Operating Revenue Assumptions

Paradise Cove flow represents 2.14% of total flow for District. This percentage is used to reflect the Paradise Cove share of District-wide revenues.

Tiburon Sewer Service Charge is \$1,034 per EDU (Equivalent Dwelling Unit).

Belvedere Sewer Service Charge is \$1,985 per EDU. 58.775% of this revenue is allocated for operational needs to meet reserve/fund policy requirements.

Interest revenue for LAIF (Local Agency Investment Fund) accounts is estimated at 0.15275% for FY 2018-2019.

Other income includes Outstanding A/R, Private Lateral SSO Reimbursements, CAL-Card incentive payments, and CSRMA PLP Dividends.

## 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 3.2% COLA increase.

PERS employer contribution retirement rate is 12.212%, and employer-paid employee contribution rate is 8.64% (2% is reimbursed by employees).

Workers compensation premium based on 4.598% composite rate, with an 0.82% experience modification factor.

Paradise Cove operating expense is 2.14% of operating expenses in applicable District-wide categories; this is based on Paradise Cove's average annual percentage of influent flow from the 2017 calendar year.

Belvedere operating expense is 36.88% of main plant-related categories, and 36.09% of expenses that pertain to all three zones; this is based on

Belvedere's average annual percentage of influent flow from the 2017 calendar year.

CalPERS Reserve Funding set at 3.5% of CalPERS Market Value Assets, as of 6.30.16

## Formulas for Determining Percentage Breakdowns (Operating & Capital)

Belvedere only = 100%

Tiburon only = 100%

Paradise Cove only = 100%

Shared Belvedere & Tiburon = 36.88% / 63.12%

Shared Tiburon & Paradise Cove = 96.65% / 3.35%

Shared Belvedere & Tiburon & Paradise Cove = 36.09% / 61.77% / 2.14%

**Sanitary District No. 5 of Marin County  
Operating Budget  
FY 2018-2019**

	2017-2018 Budget	2017-2018* Estimated to Close	2018-2019 Operations Budget	% Budget Diff	Breakdown by Zone		
					Tib Ops	P.C. Ops	Belv Ops
<b>Operating Income</b>							
Tiburon Sewer Service Charge - Ops	2,361,743	1,931,558	2,198,177	-7%	2,124,538	73,639	
Belvedere Sewer Service Charge - Ops	1,080,903	1,146,960	1,346,024	25%	0	0	1,346,024
Other User Fees	26,412	24,826	24,826	-6%	24,826	0	0
Interest Earnings	25,000	98,347	25,000	0%	15,443	535	9,023
Inspection & Connection Permit Fees	12,500	24,800	12,500	0%	7,721	268	4,511
SASM Expense Reimbursement	65,000	79,970	65,000	0%	41,029	0	23,972
Other Income	100	0	100	0%	62	2	36
<b>Total Income</b>	<b>3,571,660</b>	<b>3,306,461</b>	<b>3,671,630</b>	<b>3%</b>	<b>2,213,618</b>	<b>74,444</b>	<b>1,383,566</b>

**Sanitary District No. 5 of Marin County  
Operating Budget  
FY 2018-2019**

	2017-2018 Budget	2017-2018* Estimated to Close	2018-2019 Operations Budget	% Budget Diff	Breakdown by Zone		
					Tib Ops	P.C. Ops	Belv Ops
<b>Expense</b>							
<b>Administrative Expenses</b>							
Advertising	1,000	130	1,000	0%	618	21	361
Outreach & Newsletter	1,000	0	1,000	0%	618	21	361
Audit & Accounting	30,000	30,000	32,500	8%	20,075	696	11,729
Consulting Fees	75,000	126,825	100,000	33%	61,770	2,140	36,090
Travel & Meetings	11,000	12,700	15,000	36%	9,266	321	5,414
Continuing Education	10,000	5,200	10,000	0%	6,177	214	3,609
County Fees	16,500	16,700	16,500	0%	10,192	353	5,955
Directors Fees	8,000	7,500	9,000	13%	5,559	193	3,248
Dues & Subscriptions	12,000	10,500	12,000	0%	7,412	257	4,331
Elections	250	250	7,000	2700%	4,324	150	2,526
Insurance PLP General Liability	45,251	40,579	47,966	6%	29,629	1,026	17,311
PLP Dividend (FY86/87 - FY10/11)		-8,962					
Insurance APIP (Real) Property	13,026	10,745	14,980	15%	9,253	321	5,406
Insurance Damage - Auto	1,303	2,395	1,368	5%	845	29	494
Legal	70,000	60,000	70,000	0%	43,239	1,498	25,263
Office Supplies	6,000	8,500	7,000	17%	4,324	150	2,526
Postage	1,000	400	1,000	0%	618	21	361
Pollution Prevention	3,000	5,485	4,000	33%	2,471	86	1,444
Miscellaneous Expense	0	0	0	0%	0	0	0
<b>Total Administrative</b>	<b>304,330</b>	<b>328,947</b>	<b>350,315</b>	<b>15%</b>	<b>216,389</b>	<b>7,497</b>	<b>126,429</b>
<b>Ops &amp; Maintenance Expenses</b>							
<b>Pumps &amp; Lines Maintenance</b>							
Pumps & Lines Maintenance	200,000	183,165	200,000	0%	123,540	4,280	72,180
Emergency Line Repairs	50,000	50,000	50,000	0%	25,000	0	25,000
<b>Total Pumps &amp; Lines Maintenance</b>	<b>250,000</b>	<b>233,165</b>	<b>250,000</b>	<b>0%</b>	<b>148,540</b>	<b>4,280</b>	<b>97,180</b>

**Sanitary District No. 5 of Marin County  
Operating Budget  
FY 2018-2019**

	2017-2018 Budget	2017-2018* Estimated to Close	2018-2019 Operations Budget	% Budget Diff	Breakdown by Zone		
					Tib Ops	P.C. Ops	Belv Ops
<b>Main Plant Maintenance</b>							
Plant Maintenance Supplies	10,000	10,000	10,000	0%	6,312	0	3,688
Plant Maint. Parts & Service	50,000	58,000	50,000	0%	31,560	0	18,440
Janitorial Supplies & Service	4,000	4,000	5,000	25%	3,156	0	1,844
Main Plant Chemicals	95,000	95,000	100,000	5%	63,120	0	36,880
Lab Supplies & Chemicals	8,000	16,940	10,000	25%	6,312	0	3,688
Electrical & Instrument	2,000	2,000	5,000	150%	3,156	0	1,844
Grounds Maintenance	3,500	2,000	5,000	43%	3,156	0	1,844
Main Plant Sludge Disposal	28,000	27,675	30,000	7%	18,936	0	11,064
Main Plant Outfall: SASM	15,000	0	0	-100%	0	0	0
<b>Total Main Plant Maintenance</b>	<b>215,500</b>	<b>215,615</b>	<b>215,000</b>	<b>0%</b>	<b>135,708</b>	<b>0</b>	<b>79,292</b>
<b>Paradise Cove Plant Maintenance</b>							
Paradise Parts & Service	5,000	5,500	10,000	100%	0	10,000	0
Paradise Supplies & Chemicals	4,000	4,000	5,000	25%	0	5,000	0
Paradise Sludge Disposal	9,000	6,000	6,000	-33%	0	6,000	0
<b>Total Paradise Cove Plant Maintenance</b>	<b>18,000</b>	<b>15,500</b>	<b>21,000</b>	<b>17%</b>	<b>0</b>	<b>21,000</b>	<b>0</b>
<b>Monitoring</b>							
Main Plant Lab Monitoring	45,000	40,600	45,000	0%	28,404	0	16,596
Paradise Cove Monitoring	8,500	14,200	10,000	18%	0	10,000	0
Chronic Toxicity Program Eval	15,000	0	0	-100%	0	0	0
<b>Total Monitoring</b>	<b>68,500</b>	<b>54,800</b>	<b>55,000</b>	<b>-20%</b>	<b>28,404</b>	<b>10,000</b>	<b>16,596</b>
<b>Permits/Fees</b>							
Main Plant NPDES Renewal	45,000	45,000	0	-100%	0	0	0
Permits/Fees - General	37,000	36,000	40,000	8%	25,248	0	14,752
Paradise Cove Permits/Fees	8,000	8,000	0	-100%	0	0	0
Paradise Cove NPDES Renewal	0	0	0	0%	0	0	0
<b>Total Permits/Fees</b>	<b>90,000</b>	<b>89,000</b>	<b>40,000</b>	<b>-56%</b>	<b>25,248</b>	<b>0</b>	<b>14,752</b>
<b>Truck Maintenance</b>							
Fuel	7,000	6,930	8,000	14%	4,942	171	2,887
Truck Maintenance	4,000	7,200	4,000	0%	2,471	86	1,444
<b>Total Truck Maintenance</b>	<b>11,000</b>	<b>14,130</b>	<b>12,000</b>	<b>9%</b>	<b>7,412</b>	<b>257</b>	<b>4,331</b>
<b>Total Ops &amp; Maintenance Expenses</b>	<b>653,000</b>	<b>622,210</b>	<b>593,000</b>	<b>-9%</b>	<b>345,312</b>	<b>35,537</b>	<b>212,151</b>

**Sanitary District No. 5 of Marin County  
Operating Budget  
FY 2018-2019**

	2017-2018 Budget	2017-2018* Estimated to Close	2018-2019 Operations Budget	% Budget Diff	Breakdown by Zone		
					Tib Ops	P.C. Ops	Belv Ops
<b>Salaries &amp; Benefits</b>							
Salaries	939,564	939,564	996,691	6%	615,656	21,329	359,706
Overtime	100,000	100,000	100,000	0%	61,770	2,140	36,090
Standby Pay	65,000	65,000	67,080	3%	41,435	1,436	24,209
Employee Incentives	0	0	40,000	100%	24,708	856	14,436
Vacation Buyout	20,000	21,000	25,000	25%	15,443	535	9,023
Payroll Taxes	80,000	87,800	88,000	10%	54,358	1,883	31,759
Payroll/Bank Fees	5,500	5,500	5,500	0%	3,397	118	1,985
Car Allowance	6,000	6,000	6,000	0%	3,706	128	2,165
<b>PERS Retirement</b>							
PERS Monthly Contributions	185,212	177,658	201,134	9%	124,241	4,304	72,589
PERS UAL Payment	0	740,733	20,000	N/A	12,354	428	7,218
PERS Retirement Asset Gains/Loss Trust	42,300	93,955	294,400	596%	181,851	6,300	106,249
Employee Health, Dental, Vision, Life Ins., & LTDI	161,227	165,338	166,283	3%	102,713	3,558	60,012
Retiree Health	57,120	53,500	58,627	3%	36,214	1,255	21,158
CERBT/OPEB Current Employee Contributions	38,598	65,700	67,900	76%	41,942	1,453	24,505
Workers Comp Insurance	22,059	21,035	23,139	5%	14,293	495	8,351
<b>Total Salaries &amp; Benefits</b>	<b>1,722,580</b>	<b>2,542,782</b>	<b>2,159,754</b>	<b>25%</b>	<b>1,334,080</b>	<b>46,219</b>	<b>779,455</b>
<b>Other Operating Expenses</b>							
Data/Alarms/IT Support & Licensing	50,000	100,000	75,000	50%	46,328	1,605	27,068
Safety	20,000	20,000	20,000	0%	12,354	428	7,218
Personal Protection Equipment/Uniforms	11,000	11,000	15,000	36%	9,266	321	5,414
<b>Telephone</b>							
Main Plant Telephones	11,000	10,000	11,000	0%	6,943	0	4,057
Paradise Cove Telephones	3,000	4,000	4,000	33%	0	4,000	0
Pumps & Lines Telephones	5,000	7,000	7,000	40%	6,766	235	0
<b>Total Telephone</b>	<b>19,000</b>	<b>21,000</b>	<b>22,000</b>	<b>16%</b>	<b>13,709</b>	<b>4,235</b>	<b>4,057</b>
<b>Utilities</b>							
Water	3,500	3,500	3,500	0%	2,209	0	1,291
Main Plant Utilities	155,000	180,000	180,000	16%	113,616	0	66,384
Paradise Cove Utilities	13,000	13,500	13,500	4%	0	13,500	0
Pump Station Utilities	35,000	35,000	35,000	0%	21,620	749	12,632
<b>Total Utilities</b>	<b>206,500</b>	<b>232,000</b>	<b>232,000</b>	<b>12%</b>	<b>137,445</b>	<b>14,249</b>	<b>80,306</b>
<b>Total Other Operating Expenses</b>	<b>306,500</b>	<b>384,000</b>	<b>364,000</b>	<b>19%</b>	<b>219,100</b>	<b>20,838</b>	<b>124,062</b>
<b>Total Operating Expense</b>	<b>2,986,410</b>	<b>3,877,940</b>	<b>3,467,068</b>	<b>16%</b>	<b>2,114,880</b>	<b>110,090</b>	<b>1,242,097</b>
<b>Net Ordinary Income</b>	<b>585,250</b>	<b>(571,479)</b>	<b>204,560</b>	<b>-65%</b>	<b>98,738</b>	<b>(35,646)</b>	<b>141,469</b>



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

**FY 2018 - 2019  
Capital Budget**

# Capital Assumptions

## Capital Revenue Assumptions

Secured property tax is a general revenue of the District (Tiburon zone only) and is subject to state tax shifts.

Supplemental property tax applies (Tiburon zone only) as homes are re-valued and sold.

Excess ERAF (Educational Revenue Augmentation Fund) reimbursement will be announced in mid-year.

HOPTR = Home Owner Property Tax Relief.

Belvedere capital income is set at 60.6% of its sewer service charge revenue to meet reserve/fund policy requirements.

Paradise Drive Sewer Line Extension Fee income estimated: 1 homes @ \$12,838.01 (3.0% CPI Increase) each.

## Capital Expense Assumptions

New capital projects are indicated in notes.

Belvedere capital expense is 36.88% of total main plant-related expenditures; this is based on Belvedere's average annual percentage of influent flow from the 2017 calendar year.

Tiburon capital expense is 63.12% of total main plant-related expenditures; this is based on Tiburon's average annual percentage of influent flow from the 2017 calendar year.

The remaining (bond payments only) Tiburon Main Plant Rehabilitation expense is 64.78% of the total project-related expenditures; this is based on the MPR Bond split.

The remaining (bond payments only) Belvedere Main Plant Rehabilitation expense is 35.22% of the total project-related expenditures; this is based on the MPR Bond split.

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

**Sanitary District No. 5 of Marin County**  
**Capital Budget**  
**FY 2018-2019**

	2017-2018 Capital Budget	2017-2018* Estimated to Close	2018-2019 Capital Budget	% Bud. Diff	Breakdown by Zone		
					Tib Cap	P.C. Cap	Belv. Cap
<b>Capital Income</b>							
<b>Property Taxes</b>							
Property Tax Current Secured - Capital	652,697	747,672	700,000	7%	676,550	23,450	0
Prop Tax Current Unsecured	12,120	13,400	13,000	7%	12,565	436	0
Supplemental Assessment Current	5,151	17,313	15,000	191%	14,498	503	0
Supplemental Assessment Redm	404	500	500	24%	483	17	0
Supplemental Unsecured	101	915	100	0%	97	3	0
Prop Tax Prior Unsecured	0	791	0	0%	0	0	0
Excess ERAF	227,250	322,494	250,000	10%	241,625	8,375	0
HOPTR	3,333	3,774	3,333	0%	3,221	112	0
<b>Total Property Taxes</b>	<b>901,056</b>	<b>1,106,859</b>	<b>981,933</b>	<b>9%</b>	<b>949,038</b>	<b>32,895</b>	<b>0</b>
Tiburon Sewer Service Charge - Capital	342,590	945,755	507,742	48%	490,733	17,009	0
Belvedere Sewer Service Charge - Capital	1,215,478	1,308,682	950,357	-22%	0	0	950,357
<b>Connection Fees</b>							
Collection	50,000	200,000	80,000	60%	49,416	1,712	28,872
Treatment	50,000	200,000	80,000	60%	49,416	1,712	28,872
<b>Total Connection Fees</b>	<b>100,000</b>	<b>400,000</b>	<b>160,000</b>	<b>60%</b>	<b>98,832</b>	<b>3,424</b>	<b>57,744</b>
Paradise Drive Sewer Line Extension Fees	12,464	0	12,863	3%	0	12,863	0
<b>Total Capital Income</b>	<b>2,571,587</b>	<b>3,761,296</b>	<b>2,612,895</b>	<b>2%</b>	<b>1,538,603</b>	<b>66,191</b>	<b>1,008,101</b>

\*Estimates to close are based off current balances as of 6.17.18

**Sanitary District No. 5 of Marin County**  
**Capital Budget**  
**FY 2018-2019**

	2017-2018 Capital Budget	2017-2018* Estimated to Close	2018-2019 Capital Budget	% Bud. Diff	Breakdown by Zone		
					Tib Cap	P.C. Cap	Belv. Cap
<b>Capital Expenditures</b>							
<b>Main Plant Equip Capital Expense</b>							
Sludge Box Replacement	15,000	15,442	0	-100%	0	0	0
Boiler Replacement	50,000	48,500	0	-100%	0	0	0
Screw Press Poly Blend Redundancy	0	0	15,000	100%	9,468	0	5,532
Odor Control Upgrades	0	0	50,000	100%	31,560	0	18,440
Headworks Grinder Replacement	0	0	20,000	100%	12,624	0	7,376
Vehicle Replacement	30,000	21,785	0	-100%	0	0	0
<b>Total Main Plant Equip Capital Expense</b>	<b>95,000</b>	<b>85,727</b>	<b>85,000</b>	<b>-11%</b>	<b>53,650</b>	<b>0</b>	<b>31,350</b>
<b>Pumps &amp; Lines Capital</b>							
Tiburon Sewer Line Rehab	325,000	296,960	325,000	0%	325,000	0	0
Pump Station Control Panel Upgrades	75,000	79,600	60,000	-20%	0	0	60,000
Lateral Camera	0	0	25,000	100%	12,500	0	12,500
Belvedere Sewer Line Rehab	250,000	223,447	250,000	0%	0	0	250,000
Pump Station Pump & Valve Replacement Program	50,000	0	75,000	50%	25,000	25,000	25,000
Tiburon Pump Station Generator Replacement (TPS#6 & TPS#7)	40,000	47,352	0	-100%	0	0	0
Mar West PS#5, Phase II Construction	804,700	790,300	0	-100%	0	0	0
Cove Rd. Generator Replacement	0	0	100,000	100%	0	0	100,000
Belvedere Pump Station #13 & #14, Communication Project	15,000	0	20,000	33%	0	0	20,000
Cove Rd. Force Main Replacement	0	0	100,000	100%	0	0	100,000
Man Hole Rehabilitation	20,000	0	50,000	150%	50,000	0	0
Belvedere Portable Generator Replacement	40,000	11,793	0	-100%			
Tiburon Pump Station Communications (Radio) Upgrade Project	20,000	0	20,000	0%	20,000	0	0
<b>Total Pumps &amp; Lines Capital</b>	<b>1,639,700</b>	<b>1,449,452</b>	<b>1,025,000</b>	<b>-37%</b>	<b>432,500</b>	<b>25,000</b>	<b>567,500</b>
<b>Paradise Cove Capital</b>							
P.C. Generator Replacement	0	0	0	0%	0	0	0
P.C. Painting at Plant	75,000	0	0	-100%		0	
P.C. UV Disinfection	0	0	0	0%	0	0	0
<b>Total Paradise Cove Capital</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>-100%</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Undesignated Capital</b>							
Undesignated Cap - Main Plant	25,000	33,817	25,000	0%	15,780	0	9,220
Undesignated Cap - Paradise Cove Plant	10,000	0	10,000	0%	0	10,000	0
Undesignated Cap - P&L	25,000	0	50,000	100%	30,885	1,070	18,045
<b>Total Undesignated Capital</b>	<b>60,000</b>	<b>33,817</b>	<b>85,000</b>	<b>42%</b>	<b>46,665</b>	<b>11,070</b>	<b>27,265</b>

\*Estimates to close are based off current balances as of 6.17.18

**Sanitary District No. 5 of Marin County  
Capital Budget  
FY 2018-2019**

2017-2018 Capital Budget	2017-2018* Estimated to Close	2018-2019 Capital Budget	% Bud. Diff	Breakdown by Zone		
				Tib Cap	P.C. Cap	Belv. Cap

**Debt Service**

Debt Service - MPR Bond Principal	450,000	450,000	460,000	2%	297,988	0	162,012
Debt Service - MPR Bond Interest	349,050	349,050	339,950	-3%	220,220	0	119,730
<b>Total Debt Service</b>	<b>799,050</b>	<b>799,050</b>	<b>801,000</b>	<b>0%</b>	<b>518,888</b>	<b>0</b>	<b>282,112</b>

<b>Total Capital Expenditures</b>	<b>2,733,750</b>	<b>2,368,046</b>	<b>1,996,000</b>	<b>-27%</b>	<b>1,051,700</b>	<b>36,070</b>	<b>908,230</b>
-----------------------------------	------------------	------------------	------------------	-------------	------------------	---------------	----------------

<b>Net Capital Income</b>	<b>(162,160)</b>	<b>1,393,250</b>	<b>616,900</b>	<b>-480%</b>	<b>486,903</b>	<b>30,121</b>	<b>99,867</b>
---------------------------	------------------	------------------	----------------	--------------	----------------	---------------	---------------

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

**FY 2018/2019 - 2027/2028  
Capital Improvement Program**

**MAIN PLANT CAPITAL IMPROVEMENT PROGRAM**

<b>M.P. Project Description</b>	<b>2018/2019</b>	<b>2019/2020</b>	<b>2020/2021</b>	<b>2021/2022</b>	<b>2022/2023</b>	<b>2023/2024</b>	<b>2024/2025</b>	<b>2025/2026</b>	<b>2026/2027</b>	<b>TOTAL</b>
Screw Press Poly Blend Redundancy	15,000		15,000							30,000
Dry Weather Influent Pump									35,000	35,000
Wet Weather Influent Pump								60,000		60,000
Odor Control Upgrades	50,000									50,000
Flare Rehabilitation		50,000								50,000
Headworks Grinder Replacement	20,000	15,000	15,000	15,000						65,000
Maintenance Shop Replacement/Ops Control					500,000					500,000
Underground Pipe and Valve Replacement						100,000				100,000
Truck Purchase					50,000					50,000
Outfall Difuser Upgrades				100,000						100,000
Emergency Generator Replacement							200,000			200,000
MPR Bond Payment	801,000	802,000	800,000	800,000	794,000	792,000	794,000	790,000	789,000	7,162,000
Undesignated Capital Projects	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
<b>Treatment Plant Total</b>	<b>911,000</b>	<b>892,000</b>	<b>855,000</b>	<b>940,000</b>	<b>1,369,000</b>	<b>917,000</b>	<b>1,019,000</b>	<b>875,000</b>	<b>849,000</b>	<b>8,627,000</b>

**MAIN PLANT CAPITAL IMPROVEMENT PROJECTS**

<b>Main Plant Project Name</b>	<b>DESCRIPTION</b>
Odor Control Upgrade	This Project will evaluate current odor control system and vulnerabilities and also provide for options to replace, add to or enhance the current system
Dry Weather Influent Pump	These funds will be used to purchase one new dry weather influent pump. These were not part of the MPR project
Wet Weather Influent Pump	These funds will be used to purchase one new Wet Weather Influent Pump. These were not part of the MPR project
Headworks Grinder Replacement	These funds will be used to replace grinders that have a usefule life of 5-10 years. Grinders were not replaced during MPR Project only the cutting cartridges were replaced
Truck Purchase	These funds will be used to replace the Utility truck from the current fleet of vehicles
Screw Press Poly Blend Redundancy Q MTR	This project will be to install/replace a redundant unit for screw press operations
Waste Gas Burner Rehabilitation	Tiger mag flow meters with Krohne flow meters. These were not part of the MPR project. This project will evaluate current waste gas burner system and will be enhanced or replaced, dependent on evaluation report
Slurry Seal and Parking ID	This project will consist of slurry sealing the parking spaces and properly marking parking lines and non-parking areas for chemical deliveries and sludge hauling
Underground Pipe and Valve Rehabilitation	These funds will be used for the replacement of non-working valves and rusted-out pipes in the shipping/receiving area, as well as next to the secondary clarifiers, as identified during the MPR Project
Maint Shop/Replacement/Ops Control Room	This project will consist of replacing a 35+ y.o. corrugated metal maintenance shop, not rehabbed during the MPR Project. Consideration will be given to making the building 2 stories for a a new operator/maintenance control room
Sludge Box Replacement	Replacement of Biosolids container, used for hauling bio-solids to Redwood landfill
Emergency Generator Replacement	This project will consist of replacing the Main Plant Emergency Generator. These were not part of the MPR project. Generator is currently serviceable but planning and budgeting needs to be in line for 2024/25



Outfall Difuser Upgrades		Current condition of outfall is serviceable. Outfall is inspected every 5 years and must budget a reasonable amount for repairs or upgrades, as determined by future reports
Undesignated Capital Projects		These funds will be used for unforeseen project which may come up before the MPR project is
MPR Bond		Main Plant Rehabilitation Completed in 2014 - Bond Payments to show true annual CIP projections

**TIBURON CAPITAL IMPROVEMENT PROGRAM**

<b><i>Tiburon Project Description</i></b>	<b>2018/2019</b>	<b>2019/2020</b>	<b>2020/2021</b>	<b>2021/2022</b>	<b>2022/2023</b>	<b>2023/2024</b>	<b>2024/2025</b>	<b>2025/2026</b>	<b>2026/2027</b>	<b>TOTAL</b>
Sewer Line Rehabilitation Program	325,000	325,000	325,000	325,000	325,000	325,000	325,000	325,000	325,000	2,925,000
Pump and Valve Replacement Program	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
Communications Upgrade Project	20,000									20,000
Force Main Rehabilitation- Multiple Sites							250,000	250,000	250,000	750,000
Man Hole Rehabilitation	50,000	50,000	50,000							150,000
Flow Meter Upgrade Project				50,000	50,000	50,000				150,000
Vactor Truck			150,000							150,000
Lateral Camera	12,500									12,500
Undesignated Capital Projects	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
<b><i>Tiburon Total</i></b>	<b>457,500</b>	<b>425,000</b>	<b>575,000</b>	<b>425,000</b>	<b>425,000</b>	<b>425,000</b>	<b>625,000</b>	<b>625,000</b>	<b>625,000</b>	<b>4,607,500</b>

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

<b><i>Tiburon Zone Pumps &amp; Line Project Name</i></b>	<b><i>DESCRIPTION</i></b>
Sewer Line Rehabilitation Program	These fund will be used for the ongoing Board approved 10 year sewer rehabilitation program. 10,137 lf of pipe remain to be rehabbed/replaced from the Harris Report
Pump Station Pump and Valve Replacement Program	The District has 24 pump stations with 2-3 pumps in each station. The life expectancy for these pumps are 7-10 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 generators were installed between 1980 - 1983. These generators (in most cases) are located along the waterfront. The salt air has wreaked havoc on some of these generators; most have been replaced, with the exception of #6 and #7 Pump Stations.
Pump Station Control Panel - Upgrade	These funds will be used for replacement of control panels at the District Pump Stations. The control panels are of various ages, of which most are extremely old/obsolete. With the exception of stations #6 & #7, which are furthest away from marine conditions, all SD5 generators have been replaced.
Man Hole Rehabilitation	This project will consist of rehabilitating or replacing man holes in the Tiburon area that have have defeciciencies due to hydrogen sulfide deterioration.
Lateral Camera	This will replace the current lateral camera (2010) used for line locating USA and SSO response
Station No.5 Replacement	<p>This is a phased project of upgrading the main pump station in the Tiburon Zone. Phase I has been completed, which replaced the motor control center/electrical controls and the installation of a diesel powered standby emergency generator.</p> <p>Phase II has also been completed, which converted the dry-pit configuration into a wet-pit configuration, thus eliminating the need for dry-pit centrifugal pumps (which are now obsolete). The old pumps were replaced with 2 new submersible flygt pumps for standarization with District requirements. This also eliminated a confined-space entry situation.</p>
Flow Meter Installation Project	This project will consist of installing flow meters at certain corresponding pump stations to record flows from each site. This will assist with flow monitoring and assist in the District's continued effort to reduce I&I
Vactor Truck Purchase	This purchase will allow the District to clean sewer lines more frequently at typical "hot spot" areas (e.g., downtown area, Pt. Tiburon, Tiburon Blvd., Peninsula, San Rafael Ave., etc.). SD5 will also to perform more frequent cleaning at the Main Plant grit chamber, headworks and split box, as well as pump and transport solids from Paradise Cove back to the Main Plant.

Force Main Rehabilitation Project	This project will consist of evaluating the condition of SD5 force mains in the Tiburon Zone and make recommendations for rehab and replacement as required. SD5 must begin funding now if needed.
Pump Station Communications Project	Phase I completed. Master radio at the Main Plant has been upgraded, as well as the radio at Station #5. As new control panels come on-line in the Tiburon Zone, funds will be needed to bring the remaining 8 sites into the Main Plant communication network.
Undesignated Capital Projects	These funds are for unforeseen problems within the collection system

**BELVEDERE CAPITAL IMPROVEMENT PROGRAM**

<b>Belvedere Project Description</b>	<b>2018/2019</b>	<b>2019/2020</b>	<b>2020/2021</b>	<b>2021/2022</b>	<b>2022/2023</b>	<b>2023/2024</b>	<b>2024/2025</b>	<b>2025/2026</b>	<b>2026/2027</b>	<b>TOTAL</b>
Sewer Line Rehabilitation Program	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,250,000
Pump and Valve Replacement Program	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
Pump Station Control Panel - Upgrade	60,000									60,000
Pump Station -Generator Replacement				45,000						45,000
Station 13, 14 Communication Project	20,000									20,000
Cove Rd. Force Main Replacement	100,000	900,000								1,000,000
Lagoon Rd. install Generator/conduit/control panel					250,000					250,000
Cove Rd. Generator replacement	100,000									100,000
Vactor Purchase			150,000							150,000
San Rafael Ave Diverter Line Install						100,000				100,000
Lateral Camera	12,500									12,500
Flow Meter Install Project							15,000	15,000	15,000	45,000
Man Hole Rehabilitation			20,000	20,000	20,000	20,000	20,000	20,000	20,000	140,000
Undesignated Capital Projects	25,000	25,000	25,000	25,000	25,000					125,000
<b>Belvedere Total</b>	<b>592,500</b>	<b>1,200,000</b>	<b>470,000</b>	<b>365,000</b>	<b>570,000</b>	<b>395,000</b>	<b>310,000</b>	<b>310,000</b>	<b>310,000</b>	<b>4,522,500</b>

**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 ongoing Board approved 10-year sewer rehabilitation program. 7,644 lf of pipe remain to be rehabbed/replaced from the Harris Reports
Pump Station Pump and Valve Replacement Program		The District has 24 pump stations with 2-3 pumps in each station. The life expectancy for these pumps are 7-10 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 capacitors installed in the panel to generate three-phase power. The District is converting these stations to VFD (single-phase to three-phase power)
Pump Station Generator Replacement		Standby generators at the Tiburon pump station were installed in the early 1980. It is therefore time to consider replacing them, or at less setting aside funds for replacement
Pump Station #13 and #14 Communications Project		These funds will be used to provide alarming and communication back to BPS#1 and back to the Main Plant SCADA system, These pump stations currently have no alarming
Cove Rd. Force Main Replacement		These fund will be used to replace 2107 lf of 10' force main. The force main has blown out on two occasions prior to 2005. According to previous Staff, it was difficult to find good pipe material to connect to, when making the repair.
Lagoon Rd. Install Generator/Conduit		Lagoon Rd. has 3 pump stations which pump sewage to one another. These station have no back-up power. These funds would be available to purchase a generator and connect all three stations and improve SSMP and contingency compliance
Flow Meter Installation Project		This project will consist of installing flow meters at certain corresponding pump stations to record flows from each site. This will assist with flow monitoring and assist in the District's continued effort to reduce I&I
San Rafael Ave. Diverter Project		This project will consist of evaluating current flows and collection system capacity at the intersection of Westshore and San Rafael Ave., feeding into TPS #3
Manhole Rehabilitation Project		This Project will consist of rehabilitating or replacing man holes in the Tiburon area that have have defeciencies due to hydrogen sulfide detoriation

Portable Emergency Generator Replacment	the replacement of a 20+ year old portable emergency generator that is nearing it useful life
Undesignated Capital Projects	These monies are for unforeseen problems within the collection system

**PARADISE COVE PLANT CAPITAL IMPROVEMENT PROGRAM**

<b>Project Description</b>	<b>2018/2019</b>	<b>2019/2020</b>	<b>2020/2021</b>	<b>2021/2022</b>	<b>2022/2023</b>	<b>2023/2024</b>	<b>2024/2025</b>	<b>2025/2026</b>	<b>2026/2027</b>	<b>TOTAL</b>
Grit Removal Project			50,000							50,000
Plant Grating Replacement- Fiberglass						15,000				15,000
Influent Wet Well Access Replacement					15,000					15,000
UV Disinfection		60,000								60,000
Pump Replacement Program	25,000			25,000				25,000		75,000
Paint Treatment Plant			75,000							75,000
Undesignated Capital Projects	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	90,000
<b><i>Paradise Cove Total</i></b>	<b>35,000</b>	<b>70,000</b>	<b>135,000</b>	<b>35,000</b>	<b>25,000</b>	<b>25,000</b>	<b>10,000</b>	<b>35,000</b>	<b>10,000</b>	<b>380,000</b>



**PARADISE COVE ZONE PUMPS & LINES CAPITAL IMPROVEMENT PROJECTS**

<b><i>Paradise Cove Project Name</i></b>	<b><i>DESCRIPTION</i></b>
Influent Pump Replacement Program	Currently there are 6 grinder-style pumps in service at ParadiseCove. Each has a usefule life of 7-10 years. This program is established to replace pumps as needed; not all at once
Package Plant Coating	Due to its close proximty to the bay, the metal package-plants require marine coatings every 7-10 years
Influent Well Access Cover Replacement	This project consists of replacing the current access covers with fixed, mounted, flush-to-the-ground, traffic-rated, as ther is limited space at the Paradise Cove Plant
Blower Replacement	The current blowers were installed as part of the 2009 start-up of the upgraded plant. They have a useful life of 7-15 years. SD5 must begin to replace them soon
Plant Grating Replacement	This project will consist of replacing the current grating with non-rusting fiberglass grating
Grit Removal Project	This project will consist of evaluating the Paradise Cove Plant for possible grit removal systems in order to prolong the life of the pumps.
UV Disinfection	Possible installation of UV disinfection, which would eliminate the transportation of chemicals to the Paradise Cove plant. Will need a feasibility study. Language included in current permit for future installation date, if feasible.
Undesignated Capital Projects	These funds will be used for unforeseen projects

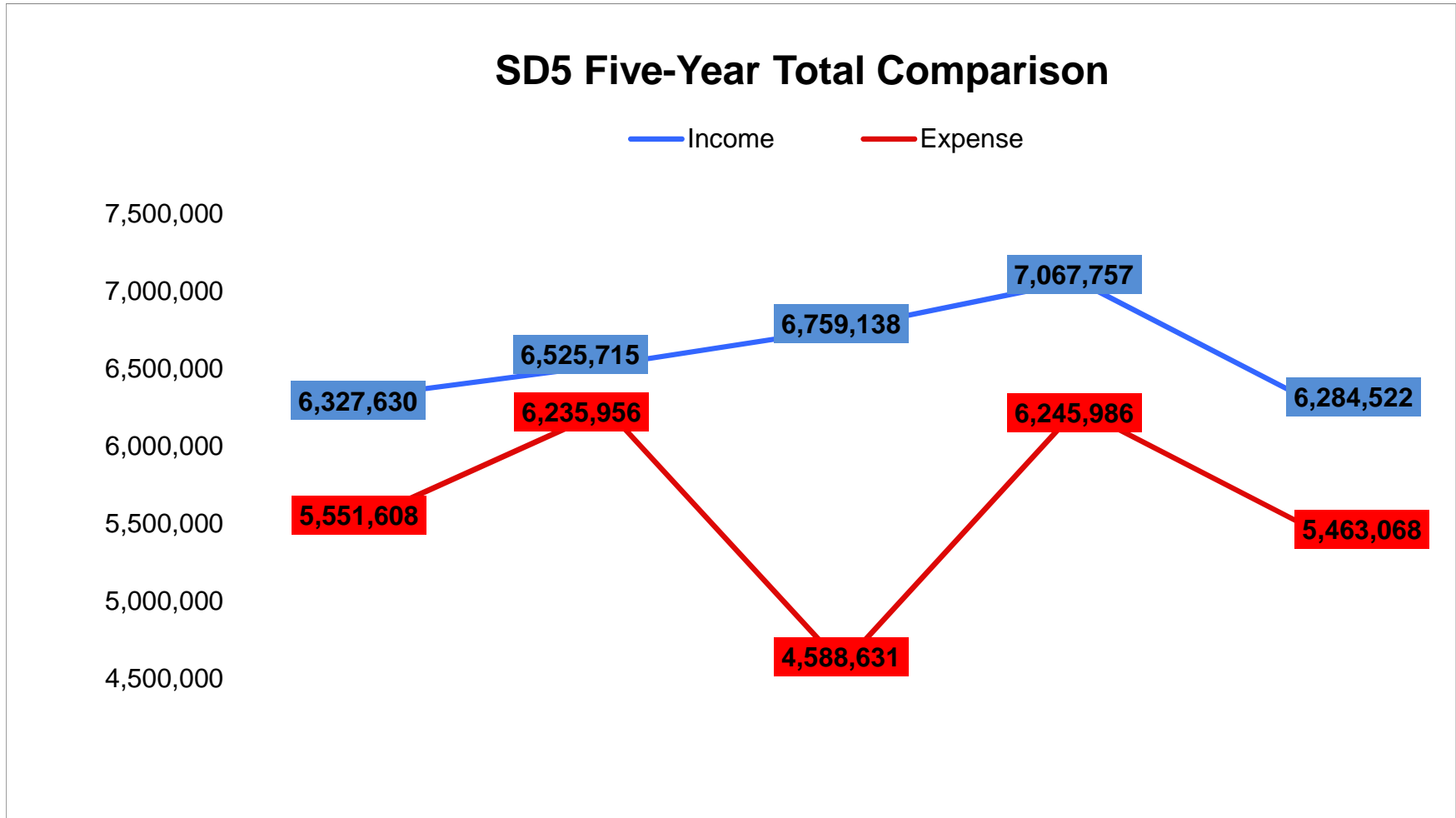
## SUMMARY OF CAPITAL IMPROVEMENT PROGRAM

Project Descriptions	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	TOTAL
Main Plant	911,000	892,000	855,000	940,000	1,369,000	917,000	1,019,000	875,000	849,000	8,627,000
Tiburon Pumps & Lines	457,500	425,000	575,000	425,000	425,000	425,000	625,000	625,000	625,000	4,607,500
Belvedere Pumps & Lines	592,500	1,200,000	470,000	365,000	570,000	395,000	310,000	310,000	310,000	4,522,500
Paradise Cove	35,000	70,000	135,000	35,000	25,000	25,000	10,000	35,000	10,000	380,000
<b>TOTAL</b>	<b>1,996,000</b>	<b>2,587,000</b>	<b>2,035,000</b>	<b>1,765,000</b>	<b>2,389,000</b>	<b>1,762,000</b>	<b>1,964,000</b>	<b>1,845,000</b>	<b>1,794,000</b>	<b>18,137,000</b>

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

**FY 2014/2015 - 2018/2019  
Five - Year Total Comparison**

	FY 2014-15*	FY 2015-16**	FY 2016-17**	FY 2017-18**	FY 2018-19
	Actuals	Actuals	Actuals	Estimate	Budget
<b>Income</b>	<b>6,327,630</b>	<b>6,525,715</b>	<b>6,759,138</b>	<b>7,067,757</b>	<b>6,284,522</b>
<b>Expense</b>	<b>5,551,608</b>	<b>6,235,956</b>	<b>4,588,631</b>	<b>6,245,986</b>	<b>5,463,068</b>



\* Includes CalPERS Side Fund Payment

\*\* Includes CalPERS UAL Payment

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

Ordinary Income/Expense	Actuals FY14-15	Actuals FY15-16	Actuals FY16-17	Estimate FY17-18	Budget FY18-19
<b>Income</b>					
<b>5000 · Property Taxes</b>					
5001.2 · Prop Tax Current Secured - Cap	639,281.33	703,836.84	692,382.26	747,672.00	700,000.00
5002 · Prop Tax Current Unsecured	13,468.34	13,588.06	13,791.23	13,400.00	13,000.00
5003 · Prop Tax Prior Unsecured	1,605.25	506.72	557.01	791.00	0.00
5006 · Suppl Unsecured	580.04	215.73	226.61	915.00	100.00
5041 · Suppl Assessment - Current	15,163.69	836.53	15,480.13	17,313.00	15,000.00
5043 · Suppl Assessment - Redemption	1,326.78	-554.64	3,757.96	500.00	500.00
5046 · Excess ERAF	266,147.82	260,418.38	317,953.45	322,494.00	250,000.00
5280 · HOPTR	3,911.86	3,886.46	3,802.18	3,774.00	3,333.00
<b>Total 5000 · Property Taxes</b>	941,485.11	982,734.08	1,047,950.83	1,106,859.00	981,933.00
		0%		4%	
<b>5007 · Sewer Service Charge</b>					
5007.1 · Sewer Service - Tiburon Ops	2,385,629.65	2,370,931.70	2,130,009.00	1,931,557.78	2,198,176.68
5007.5 · Sewer Service - Tiburon Cap	347,846.77	343,327.50	674,081.48	945,754.81	507,742.01
5007.2 · Sewer Service-Belv Ops	1,094,512.43	1,073,486.00	997,893.32	1,146,960.18	1,346,023.72
5007.3 · Sewer Service-Belv Cap	1,234,567.45	1,260,179.00	1,344,579.28	1,308,682.04	950,357.28
5007.4 · Other User Fees	28,145.48	25,022.80	26,067.14	24,826.00	24,826.00
<b>Total 5007 · Sewer Service Charge</b>	5,090,701.78	5,072,947.00	5,172,630.22	5,357,780.81	5,027,125.69
<b>5201 · Interest</b>					
5201.1 · Interest County of Marin	0.00	0.00	65.95	325.00	0.00
5201.2 · Interest LAIF	17,964.90	34,201.85	74,341.81	98,022.00	25,000.00
<b>Total 5201 · Interest</b>	17,964.90	34,201.85	74,407.76	98,347.00	25,000.00
<b>5900.3 · Connection Fees</b>					
5900.30 · Connection Fee Permits	400.00	2,400.00	7,800.00	8,600.00	5,000.00
5900.31 · Collection	36,672.21	35,293.00	154,615.00	200,000.00	80,000.00
5900.34 · Treatment	159,038.79	47,623.00	181,317.00	200,000.00	80,000.00
<b>Total 5900.3 · Connection Fees</b>	196,111.00	85,316.00	343,732.00	408,600.00	165,000.00
5900.4 · Inspection Fees	6,463.00	8,520.00	17,150.00	16,200.00	7,500.00
5900.5 · SASM Expense Reimb.	48,673.00	78,280.00	102,988.24	79,970.00	65,000.00
5900.7 · Nextel Lease	2,642.65	0.00	0.00	0.00	0.00
5900.9 · Other Income	12,405.73	241,038.00	279.17	0.00	100.00
5900.10 · Paradise Sewer Line Ext. Fees	11,182.41	22,678.00	0.00	0.00	12,863.00
<b>Total Ops &amp; Capital Income</b>	<b>6,327,630.00</b>	<b>6,525,715.00</b>	<b>6,759,138.00</b>	<b>7,067,757.00</b>	<b>6,284,522.00</b>
		4%		3%	
			4%		5%

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

	<b>Actuals FY14-15</b>	<b>Actuals FY15-16</b>	<b>Actuals FY16-17</b>	<b>Estimate FY17-18</b>	<b>Budget FY18-19</b>
<b>Expense</b>					
<b>6000 · Administrative Expenses</b>					
6001 · Advertising	1,709.94	625.00	65.00	130.00	1,000.00
6002 · Outreach & Newsletter	46.06	0.00	0.00	0.00	1,000.00
6008 · Audit & Accounting	38,483.09	27,745.00	30,548.58	30,000.00	32,500.00
6017 · Consulting Fees	34,512.16	75,530.00	94,145.84	126,825.08	100,000.00
<b>6018 · Travel &amp; Meetings</b>					
6018.2 · Standby Mileage Expense Reimb	7,478.02	6,779.35	5,516.77	7,000.00	7,000.00
6018 · Travel & Meetings - Other	5,582.80	5,221.14	6,786.64	5,700.00	8,000.00
<b>Total 6018 · Travel &amp; Meetings</b>	<b>13,060.82</b>	<b>12,000.49</b>	<b>12,303.41</b>	<b>12,700.00</b>	<b>15,000.00</b>
6020 · Continuing Education	1,304.16	8,060.27	3,744.23	5,200.00	10,000.00
6021 · County Fees	12,930.08	12,460.94	15,690.49	16,700.00	16,500.00
6024 · Director Fees	6,964.16	6,800.00	6,700.00	5,300.00	9,000.00
6025 · Dues & Subscriptions	10,546.50	7,622.67	10,993.46	10,500.00	12,000.00
6026 · Elections	0.00	8,253.75	230.24	250.00	7,000.00
6033 · Insurance Property & Liability	54,137.51	71,925.78	36,999.82	35,000.00	64,314.57
6039 · Legal	104,428.64	65,300.99	75,666.07	60,000.00	70,000.00
6047 · Office Supplies	5,285.16	6,989.46	6,015.77	8,500.00	7,000.00
6056 · Postage	474.76	587.30	863.93	400.00	1,000.00
6059 · Pollution Prevention/Public Edu	1,941.75	3,374.18	2,863.31	5,485.00	4,000.00
6065 · Miscellaneous Expense	73.22	0.00	1,554.05	0.00	0.00
<b>Total 6000 · Administrative Expenses</b>	<b>285,898.00</b>	<b>307,276.00</b>	<b>298,384.00</b>	<b>316,990.00</b>	<b>350,315.00</b>
<b>7000 · Ops &amp; Maintenance Expenses</b>					
<b>7010 · Pumps &amp; Lines Maintenance</b>					
7011 · Pumps & Lines Maintenance	148,760.01	190,845.79	248,143.93	183,165.00	200,000.00
7013 · Emergency Line Cleaning	514.13	0.00	50,644.22	65,000.00	50,000.00
7015 · Inflow & Infiltration Study	0.00	0.00	0.00	0.00	0.00
<b>Total 7010 · Pumps &amp; Lines Maintenance</b>	<b>149,274.14</b>	<b>190,845.79</b>	<b>298,788.15</b>	<b>248,165.00</b>	<b>250,000.00</b>
<b>7020 · Main Plant Maintenance</b>					
7021 · Plant Maintenance Supplies	6,244.00	8,182.08	5,718.58	10,000.00	10,000.00
7022 · Plant Maint. Parts & Service	49,355.44	56,253.76	54,136.10	58,000.00	50,000.00
7023 · Janitorial Supplies & Service	3,729.56	6,782.15	5,430.65	4,000.00	5,000.00
7024 · Main Plant Chemicals	98,410.51	94,877.34	75,920.48	95,000.00	100,000.00
7025 · Lab Supplies & Chemicals	39,040.69	44,137.12	65,830.16	16,940.00	10,000.00
7027 · Electrical & Instrument	184.85	1,883.75	88.24	2,000.00	5,000.00
7028 · Grounds Maintenance	2,938.57	3,344.55	2,919.87	2,000.00	5,000.00
7029 · Main Plant Sludge Disposal	22,996.84	30,433.07	24,122.52	27,675.00	30,000.00
7030 · Main Plant Outfall	0.00	12,512.44	0.00	0.00	0.00
<b>Total 7020 · Main Plant Maintenance</b>	<b>222,900.00</b>	<b>258,406.26</b>	<b>234,166.60</b>	<b>215,615.00</b>	<b>215,000.00</b>

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

	Actuals FY14-15	Actuals FY15-16	Actuals FY16-17	Estimate FY17-18	Budget FY18-19
<b>7040 · Paradise Cove Plant Maint</b>					
7041 · Paradise Parts & Service	7,428.14	3,653.52	11,209.84	5,500.00	10,000.00
7042 · Paradise Supplies & Chemicals	4,065.35	4,369.49	10,982.53	4,000.00	5,000.00
7043 · Paradise Sludge Disposal	6,192.78	9,490.22	8,104.67	6,000.00	6,000.00
<b>Total 7040 · Paradise Cove Plant Maint</b>	<b>17,686.27</b>	<b>17,513.23</b>	<b>30,297.04</b>	<b>15,500.00</b>	<b>21,000.00</b>
<b>7050 · Monitoring</b>					
7051 · Main Plant Lab Monitoring	45,122.79	42,281.40	39,731.06	40,600.00	45,000.00
7052 · Paradise Cove Monitoring	10,043.07	11,669.35	8,136.00	14,200.00	10,000.00
7053 · Chronic Toxicity Program Eval	0.00	0.00	0.00	0.00	0.00
<b>Total 7050 · Monitoring</b>	<b>55,165.86</b>	<b>53,950.75</b>	<b>47,867.06</b>	<b>54,800.00</b>	<b>55,000.00</b>
<b>7060 · Permits/Fees</b>					
7061 · Main Plant NPDES Renewal	0.00	-293.75	0.00	45,000.00	0.00
7062 · Permits/Fees - General	21,327.74	32,230.40	44,287.15	36,000.00	40,000.00
7063 · Paradise Cove Permits/Fees	6,481.40	9,166.42	4,085.47	8,000.00	0.00
7064 · Paradise Cove NPDES Renewal	0.00	6,743.75	7,994.50	0.00	0.00
<b>Total 7060 · Permits/Fees</b>	<b>27,809.14</b>	<b>47,846.82</b>	<b>56,367.12</b>	<b>89,000.00</b>	<b>40,000.00</b>
<b>7070 · Truck Maintenance</b>					
7071 · Fuel	6,219.38	7,479.25	6,519.78	6,930.00	8,000.00
7072 · Truck Maintenance	2,453.40	4,347.29	4,090.32	7,200.00	4,000.00
<b>Total 7070 · Truck Maintenance</b>	<b>8,672.78</b>	<b>11,826.54</b>	<b>10,610.10</b>	<b>14,130.00</b>	<b>12,000.00</b>
<b>Total 7000 · Ops &amp; Maintenance Expenses</b>	<b>481,508.00</b>	<b>580,389.00</b>	<b>678,096.00</b>	<b>637,210.00</b>	<b>593,000.00</b>
<b>8000 · Salaries and Benefits Expenses</b>					
8001 · Salaries	772,069.21	837,580.38	918,069.30	939,564.00	996,691.40
8003 · Overtime	92,965.11	100,582.04	138,034.13	100,000.00	100,000.00
8004 · Standby Pay	41,454.30	44,877.45	46,537.03	65,000.00	67,080.00
8005 · Employee Incentives	0.00	0.00	0.00	0.00	40,000.00
8006 · Vacation Buyout	19,322.92	18,316.25	22,318.11	21,000.00	25,000.00
8013 · Payroll Taxes	70,261.73	85,338.23	92,848.33	87,800.00	88,000.00
8015 · Payroll/Bank Fees	5,313.92	5,527.56	5,110.12	5,500.00	5,500.00
8016 · Car Allowance	6,500.00	5,500.00	6,000.00	6,000.00	6,000.00
8019 · PERS Retirement Monthly Contributions	274,162.15	210,264.18	146,366.21	177,657.71	201,134.11
PERS UAL (SD5) Trust Fund	0.00	0.00	40,195.00	93,955.00	294,400.00
PERS Side Fund/UAL Payment	1,326,675.00	1,708,377.00	254,448.00	740,733.00	20,000.00
8020 · Employee Health					
8021 · Employee Health Deductions	-4,896.80	-3,762.24	-8,943.46	-9,500.00	-8,000.00
8020.05 · Employee Health	137,956.67	147,498.75	153,587.55	165,337.60	174,282.98
<b>Total 8020 · Employee Health</b>	<b>133,059.87</b>	<b>143,736.51</b>	<b>144,644.09</b>	<b>155,837.60</b>	<b>166,282.98</b>
8022 · Retiree Health	47,141.16	64,314.95	56,322.48	53,500.00	58,626.86
CERBT/OPEB Retiree Annual Arc Contribution	56,466.91	27,662.00	37,096.83	65,700.00	67,900.00
8023 · Workers Comp Insurance	20,505.00	31,286.00	14,711.00	21,035.00	23,138.50
<b>Total 8000 · Salaries and Benefits Expenses</b>	<b>2,865,877.00</b>	<b>3,283,363.00</b>	<b>1,922,800.00</b>	<b>2,533,282.00</b>	<b>2,159,754.00</b>

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

	<b>Actuals FY14-15</b>	<b>Actuals FY15-16</b>	<b>Actuals FY16-17</b>	<b>Estimate FY17-18</b>	<b>Budget FY18-19</b>
<b>8500 - Other Operating Expenses</b>					
8510 - Data/Alarms/IT Supp & Licensing	35,639.68	34,494.85	43,893.01	100,000.00	75,000.00
8515 - Safety	25,254.55	13,245.60	13,619.19	20,000.00	20,000.00
8520 - Personal Protection/Safety Wear	9,142.33	7,557.24	10,965.86	11,000.00	15,000.00
<b>8530 - Telephone</b>					
8531 - Main Plant Telephones	12,879.51	13,979.71	8,806.47	10,000.00	11,000.00
8532 - Paradise Cove Telephones	3,516.90	3,593.77	2,496.15	4,000.00	4,000.00
8533 - Pumps & Lines Telephones	5,518.36	6,136.59	3,677.57	7,000.00	7,000.00
<b>Total 8530 - Telephone</b>	<b>21,914.77</b>	<b>23,710.07</b>	<b>14,980.19</b>	<b>21,000.00</b>	<b>22,000.00</b>
<b>8540 - Utilities</b>					
8541 - Water	3,791.73	2,815.10	3,618.35	3,500.00	3,500.00
8542 - Main Plant Utilities	160,515.29	158,504.14	179,694.22	180,000.00	180,000.00
8543 - Paradise Cove Utilities	12,857.43	13,782.11	13,814.41	13,500.00	13,500.00
8544 - Pump Station Utilities	45,172.60	32,630.06	42,120.85	35,000.00	35,000.00
<b>Total 8540 - Utilities</b>	<b>222,337.05</b>	<b>207,731.41</b>	<b>239,247.83</b>	<b>232,000.00</b>	<b>232,000.00</b>
<b>8570 - Belvedere WestAm Loan Int</b>	<b>11,845.55</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Total 8500 - Other Operating Expenses</b>	<b>326,134.00</b>	<b>286,739.00</b>	<b>322,706.08</b>	<b>384,000.00</b>	<b>364,000.00</b>
<b>Total OPERATING Expenses</b>	<b>3,959,417.00</b>	<b>4,457,767.00</b>	<b>3,221,987.00</b>	<b>3,877,940.00</b>	<b>3,467,068.00</b>



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

	Actuals FY14-15	Actuals FY15-16	Actuals FY16-17	Estimate FY17-18	Budget FY18-19
<b>9100 - Capital Expenditures</b>					
<b>9200 - Main Plant Equipment Capital</b>					
9204 - M.P. Boiler Replacement	0.00	0.00	0.00	62,855.00	0.00
9205 - Influent Sumps/RAS Cover Rplcmt	0.00	26,744.58	0.00	0.00	0.00
9206 - Infl Dry Weather Pump Rplcmt	0.00	0.00	32,163.94	0.00	0.00
9207 - Infl Wet Weather Pump Rplcmt	0.00	0.00	56,927.58	0.00	0.00
9208 - Sodium Hypochlorite Feed Pump Rplcmt	0.00	0.00	8,643.46	0.00	0.00
9209 - Screw Press Blend Redundancy	0.00	0.00	0.00	0.00	15,000.00
9210 - Sludge Box Replacement	0.00	13,621.09	0.00	15,442.00	0.00
9211 - Odor Control Upgrades	0.00	0.00	0.00	0.00	50,000.00
9212 - Headworks Grinder Replacement	0.00	0.00	0.00	0.00	20,000.00
9215 - M.P. Restroom Remodels (2)	33,454.18	360.50	0.00	0.00	0.00
9229.8 - Vehicle Replacement	0.00	44,044.40	0.00	21,785.00	0.00
<b>Total 9200 - Main Plant Equipment Capital</b>	<b>33,454.00</b>	<b>84,770.57</b>	<b>97,734.98</b>	<b>100,082.00</b>	<b>85,000.00</b>
<b>9300 - Pumps &amp; Lines Capital</b>					
9301 - Tiburon Sewer Line Rehab Prog	26,015.18	5,922.00	120,306.13	296,960.00	325,000.00
9302 - Pump Station Control Panel Upgr	60,132.00	2,849.95	62,832.36	90,000.00	60,000.00
9303 - Lateral Camera	0.00	0.00	0.00	0.00	25,000.00
9304 - Belvedere Sewer Line Rehab Prog	49,538.37	37,247.19	78,578.93	223,447.00	250,000.00
9306 - Pump Station Pump & Valve Rplcmnt	0.00	26,847.24	50,938.12	0.00	75,000.00
9307 - Pump Station Generator Replacem	27,378.89	0.00	24,529.79	59,625.00	0.00
9308 - Station #5 Rebuild/4 Pumps/Gen				0.00	0.00
9308.1 - Mar West PS#5, Phase I-Design	22,178.83	0.00	0.00	0.00	0.00
9308 - Station #5 Rebuild/4 Pumps/Gen - Other	10,446.59	0.00	0.00	0.00	0.00
9308.11 - Mar West PS#5, Phase I-Constr	223,211.50	546,311.76	0.00	0.00	0.00
9308.2 - Mar West PS#5, Phase II-Constr	0.00	0.00	0.00	790,300.00	0.00
<b>Total 9308 - Station #5 Rebuild</b>	<b>255,837.00</b>	<b>546,311.76</b>	<b>0.00</b>	<b>790,300.00</b>	<b>0.00</b>
9309 - Cove Rd. BPS #1 Generator Replacement	0.00	0.00	0.00	0.00	100,000.00
9310 - Belv Station #13 & # 14 Comm. Project	0.00	5,134.90	0.00	0.00	20,000.00
9311 - Cove Road Force Main Replacem	0.00	27,972.25	0.00	0.00	100,000.00
9313 - Man Hole Rehabilitation	0.00	0.00	0.00	0.00	50,000.00
9314 - Belv Portable Emergency Generators	0.00	0.00	0.00	12,274.00	0.00
9315 - TPS Comm/Radio Upgrade Project	0.00	0.00	33,465.60	0.00	20,000.00
<b>Total 9300 - Pumps &amp; Lines Capital</b>	<b>418,901.00</b>	<b>652,285.29</b>	<b>370,650.93</b>	<b>1,472,606.00</b>	<b>1,025,000.00</b>
<b>9400 - Paradise Cove Capital</b>					
9405 - P.C. Generator Replacement	0.00	9,090.07	49,903.24	899.22	0.00
9410 - P.C. U.V. Disinfection	0.00	5,935.88	0.00	0.00	0.00
<b>Total 9400 - Paradise Cove Capital</b>	<b>0.00</b>	<b>15,025.95</b>	<b>49,903.24</b>	<b>899.22</b>	<b>0.00</b>

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

	Actuals FY14-15	Actuals FY15-16	Actuals FY16-17	Estimate FY17-18	Budget FY18-19
<b>9500 · Undesignated Capital</b>					
9510 · Undesignated Cap - M.P.	10,063.03	15,204.52	6,357.50	33,817.00	25,000.00
9520 · Undesignated Cap - P.C. Plant	0.00	11,827.00	0.00	0.00	10,000.00
9530 · Undesignated Cap - P&L	0.00	13,167.82	0.00	0.00	50,000.00
<b>Total 9500 · Undesignated Capital</b>	<b>10,063.03</b>	<b>40,199.34</b>	<b>6,357.50</b>	<b>33,817.00</b>	<b>85,000.00</b>
0224 · MPR Project	0.00	0.00	0.00	0.00	0.00
9612 · Office/Access - Construction	136,600.08	0.00	0.00	0.00	0.00
<b>Total 9600 · Main Plant Other Capital</b>	<b>136,600.08</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Total 9100 · Capital Expenditures</b>	<b>599,019.00</b>	<b>792,281.00</b>	<b>524,647.00</b>	<b>1,607,404.00</b>	<b>1,195,000.00</b>
<b>9700 · Debt Service</b>					
9720 · Belvedere Loan					
9723 · Belvedere WestAm Loan Prin	128,000.00	131,429.26	0.00	0.00	0.00
<b>Total 9720 · Belvedere Loan</b>	<b>128,000.00</b>	<b>131,429.26</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
9730 · Debt Service - MPR Project					
9731 · Debt Service MPR Bond Principal	440,000.00	445,000.00	450,000.00	450,000.00	460,000.00
9732 · Debt Service MPR Bond Interest	425,172.62	409,479.10	391,996.84	349,050.00	339,950.00
<b>Total 9730 · Debt Service - MPR Project</b>	<b>865,172.62</b>	<b>854,479.10</b>	<b>841,996.84</b>	<b>799,050.00</b>	<b>801,000.00</b>
<b>Total 9700 · Debt Service</b>	<b>993,172.62</b>	<b>985,908.00</b>	<b>841,996.84</b>	<b>799,050.00</b>	<b>801,000.00</b>
<b>Total CAPITAL Expense</b>	<b>1,592,191.00</b>	<b>1,778,189.00</b>	<b>1,366,644.00</b>	<b>2,368,046.00</b>	<b>1,996,000.00</b>

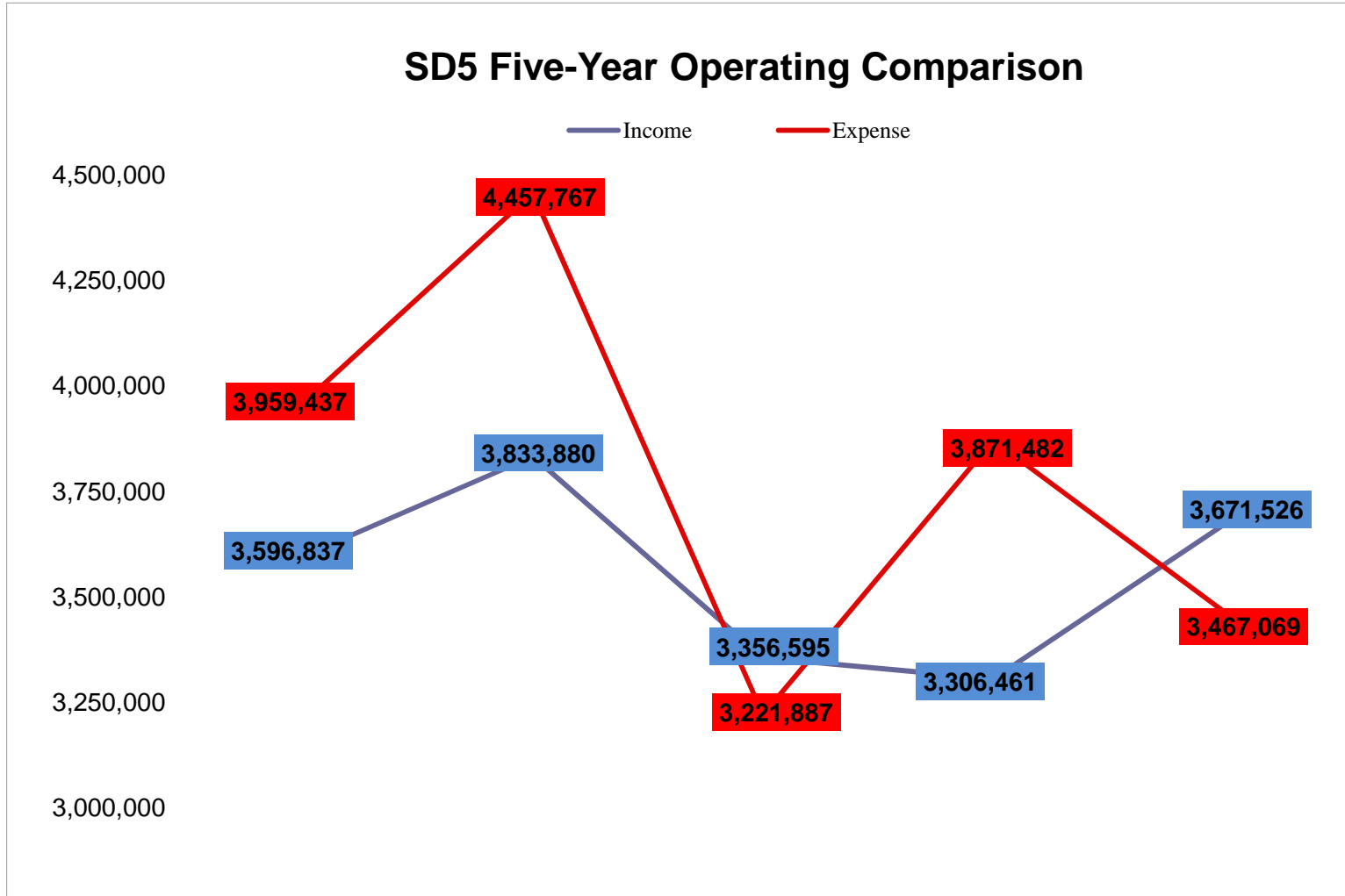
<b>Total Ops &amp; Capital Expense</b>	<b>5,551,608.00</b>	<b>-35%</b>	<b>6,235,956.00</b>	<b>12%</b>	<b>4,588,631.00</b>	<b>-31%</b>	<b>6,245,986.00</b>	<b>-31%</b>	<b>5,463,068.00</b>
--	---------------------	-------------	---------------------	------------	---------------------	-------------	---------------------	-------------	---------------------

<b>Total Ops &amp; Capital Net Income</b>	<b>776,022.00</b>	<b>-133%</b>	<b>289,759.00</b>	<b>-78%</b>	<b>2,170,506.19</b>	<b>749%</b>	<b>821,771.00</b>	<b>38%</b>	<b>821,454.00</b>
---	-------------------	--------------	-------------------	-------------	---------------------	-------------	-------------------	------------	-------------------

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

**FY 2014/2015 - 2018/2019  
Five - Year Operating Comparison**

	FY 2014-2015*	FY 2015-16**	FY 2016-2017**	FY 2017-2018**	FY 2018-2019
	Actuals	Actuals	Actuals	Estimate	Budget
<b>Income</b>	<b>3,596,837</b>	<b>3,833,880</b>	<b>3,356,595</b>	<b>3,306,461</b>	<b>3,671,526</b>
<b>Expense</b>	<b>3,959,437</b>	<b>4,457,767</b>	<b>3,221,887</b>	<b>3,871,482</b>	<b>3,467,069</b>



\* Includes CalPERS Side Fund Payment

\*\* Includes CalPERS UAL Payment

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

	<b>Actuals FY14-15</b>		<b>Actuals FY15-16</b>		<b>Actuals FY16-17</b>		<b>Estimate FY17-18</b>		<b>Budget FY18-19</b>
<b>Ordinary Income/Expense</b>									
<b>Income</b>									
5007.1 · Sewer Service - Tiburon Ops	2,385,629.65		2,370,931.70		2,130,009.00		1,931,557.78		2,198,176.68
5007.2 · Sewer Service-Belv Ops	1,094,512.43		1,073,486.00		997,893.32		1,146,960.18		1,346,023.72
5007.4 · Other User Fees	28,145.48		25,022.80		26,067.14		24,826.00		24,826.00
5201.1 · Interest County of Marin	0.00		0.00		65.95		325.00		
5201.2 · Interest LAIF	17,964.90		34,201.85		74,341.81		98,022.00		25,000.00
5900.3 · Connection Fee Permits	400.00		2,400.00		7,800.00		8,600.00		5,000.00
5900.4 · Inspection Fees	6,463.00		8,520.00		17,150.00		16,200.00		7,500.00
5900.5 · SASM Expense Reimb.	48,673.00		78,280.00		102,988.24		79,970.00		65,000.00
5900.7 · Nextel Lease	2,642.65		0.00		0.00		0.00		0.00
5900.9 · Other Income	12,405.73		241,038.00		279.17		0.00		0.00
<b>Total Income</b>	<b>3,596,837.25</b>	<b>8%</b>	<b>3,833,880.00</b>	<b>7%</b>	<b>3,356,594.82</b>	<b>-12%</b>	<b>3,306,461.00</b>	<b>-1%</b>	<b>3,671,526.41</b>

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

Expense	Actuals FY14-15	Actuals FY15-16	Actuals FY16-17	Estimate FY17-18	Budget FY18-19
<b>6000 · Administrative Expenses</b>					
6001 · Advertising	1,709.94	625.00	65.00	130.00	1,000.00
6002 · Outreach & Newsletter	46.06	0.00	0.00	0.00	1,000.00
6008 · Audit & Accounting	38,483.09	27,745.00	30,548.58	30,000.00	32,500.00
6017 · Consulting Fees	34,512.16	75,530.00	94,145.84	126,825.08	100,000.00
6018 · Travel & Meetings					
6018.2 · Standby Mileage Expense Reimb	7,478.02	6,779.35	5,516.77	7,000.00	7,000.00
6018 · Travel & Meetings - Other	5,582.80	5,221.14	6,786.64	5,700.00	8,000.00
<b>Total 6018 · Travel &amp; Meetings</b>	<b>13,060.82</b>	<b>12,000.49</b>	<b>12,303.41</b>	<b>12,700.00</b>	<b>15,000.00</b>
6020 · Continuing Education	1,304.16	8,060.27	3,744.23	5,200.00	10,000.00
6021 · County Fees	12,930.08	12,460.94	15,690.49	16,700.00	16,500.00
6024 · Director Fees	6,964.16	6,800.00	6,700.00	5,300.00	9,000.00
6025 · Dues & Subscriptions	10,546.50	7,622.67	10,993.46	10,500.00	12,000.00
6026 · Elections	0.00	8,253.75	230.24	250.00	7,000.00
6033 · Insurance Property & Liability	54,137.51	71,925.78	36,999.82	35,000.00	64,314.57
6039 · Legal	104,428.64	65,300.99	75,666.07	60,000.00	70,000.00
6047 · Office Supplies	5,285.16	6,989.46	6,015.77	8,500.00	7,000.00
6056 · Postage	474.76	587.30	863.93	400.00	1,000.00
6059 · Pollution Prevention/Public Edu	1,941.75	3,374.18	2,863.31	5,485.00	4,000.00
6065 · Miscellaneous Expense	73.22	0.00	1,554.05	0.00	0.00
<b>Total 6000 · Administrative Expenses</b>	<b>285,898.00</b>	<b>307,275.83</b>	<b>298,384.24</b>	<b>316,990.00</b>	<b>350,315.00</b>
<b>7000 · Ops &amp; Maintenance Expenses</b>					
7010 · Pumps & Lines Maintenance					
7011 · Pumps & Lines Maintenance	148,760.01	190,845.79	248,143.93	183,165.00	200,000.00
7013 · Emergency Line Cleaning	514.13	0.00	50,644.22	65,000.00	50,000.00
7015 · Inflow & Infiltration Study	0.00	0.00	0.00	0.00	0.00
<b>Total 7010 · Pumps &amp; Lines Maintenance</b>	<b>149,274.14</b>	<b>190,845.79</b>	<b>298,788.15</b>	<b>248,165.00</b>	<b>250,000.00</b>
7020 · Main Plant Maintenance			0.00		
7021 · Plant Maintenance Supplies	6,244.00	8,182.08	5,718.58	10,000.00	10,000.00
7022 · Plant Maint. Parts & Service	49,355.44	56,253.76	54,136.10	58,000.00	50,000.00
7023 · Janitorial Supplies & Service	3,729.56	6,782.15	5,430.65	4,000.00	5,000.00
7024 · Main Plant Chemicals	98,410.51	94,877.34	75,920.48	95,000.00	100,000.00
7025 · Lab Supplies & Chemicals	39,040.69	44,137.12	65,830.16	16,940.00	10,000.00
7027 · Electrical & Instrument	184.85	1,883.75	88.24	2,000.00	5,000.00
7028 · Grounds Maintenance	2,938.57	3,344.55	2,919.87	2,000.00	5,000.00
7029 · Main Plant Sludge Disposal	22,996.84	30,433.07	24,122.52	27,675.00	30,000.00
7030 · Main Plant Outfall	0.00	12,512.44	0.00	0.00	0.00
<b>Total 7020 · Main Plant Maintenance</b>	<b>222,900.46</b>	<b>258,406.26</b>	<b>234,166.60</b>	<b>215,615.00</b>	<b>215,000.00</b>

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

	Actuals FY14-15	Actuals FY15-16	Actuals FY16-17	Estimate FY17-18	Budget FY18-19
<b>7040 · Paradise Cove Plant Maint</b>					
7041 · Paradise Parts & Service	7,428.14	3,653.52	11,209.84	5,500.00	10,000.00
7042 · Paradise Supplies & Chemicals	4,065.35	4,369.49	10,982.53	4,000.00	5,000.00
7043 · Paradise Sludge Disposal	6,192.78	9,490.22	8,104.67	6,000.00	6,000.00
<b>Total 7040 · Paradise Cove Plant Maint</b>	<b>17,686.27</b>	<b>17,513.23</b>	<b>30,297.04</b>	<b>15,500.00</b>	<b>21,000.00</b>
<b>7050 · Monitoring</b>					
7051 · Main Plant Lab Monitoring	45,122.79	42,281.40	39,731.06	40,600.00	45,000.00
7052 · Paradise Cove Monitoring	10,043.07	11,669.35	8,136.00	14,200.00	10,000.00
7053 · Chronic Toxicity Program Eval	0.00	0.00	0.00	0.00	0.00
<b>Total 7050 · Monitoring</b>	<b>55,165.86</b>	<b>53,950.75</b>	<b>47,867.06</b>	<b>54,800.00</b>	<b>55,000.00</b>
<b>7060 · Permits/Fees</b>			0.00		
7061 · Main Plant NPDES Renewal	0.00	-293.75	0.00	45,000.00	0.00
7062 · Permits/Fees - General	21,327.74	32,230.40	44,287.15	36,000.00	40,000.00
7063 · Paradise Cove Permits/Fees	6,481.40	9,166.42	4,085.47	8,000.00	0.00
7064 · Paradise Cove NPDES Renewal	0.00	6,743.75	7,994.50	0.00	0.00
<b>Total 7060 · Permits/Fees</b>	<b>27,809.14</b>	<b>47,846.82</b>	<b>56,367.12</b>	<b>89,000.00</b>	<b>40,000.00</b>
<b>7070 · Truck Maintenance</b>			0.00		
7071 · Fuel	6,219.38	7,479.25	6,519.78	6,930.00	8,000.00
7072 · Truck Maintenance	2,453.40	4,347.29	4,090.32	7,200.00	4,000.00
<b>Total 7070 · Truck Maintenance</b>	<b>8,672.78</b>	<b>11,826.54</b>	<b>10,610.10</b>	<b>14,130.00</b>	<b>12,000.00</b>
<b>Total 7000 · Ops &amp; Maintenance Expenses</b>	<b>481,508.72</b>	<b>580,389.11</b>	<b>678,095.87</b>	<b>637,210.00</b>	<b>593,000.00</b>
<b>8000 · Salaries and Benefits Expenses</b>					
8001 · Salaries	772,069.21	837,580.38	918,069.30	939,564.00	996,691.40
8003 · Overtime	92,965.11	100,582.04	138,034.13	100,000.00	100,000.00
8004 · Standby Pay	41,454.30	44,877.45	46,537.03	65,000.00	67,080.00
8005 · Employee Incentives	0.00	0.00	0.00	0.00	40,000.00
8006 · Vacation Buyout	19,322.92	18,316.25	22,318.11	21,000.00	25,000.00
8013 · Payroll Taxes	70,261.73	85,338.23	92,848.33	87,800.00	88,000.00
8015 · Payroll/Bank Fees	5,313.92	5,527.56	5,110.12	5,500.00	5,500.00
8016 · Car Allowance	6,500.00	5,500.00	6,000.00	6,000.00	6,000.00
8019 · PERS Retirement Monthly Contributions	274,162.15	210,264.18	146,366.21	177,657.71	201,134.11
PERS UAL (SD5) Trust Fund	0.00	0.00	40,195.00	93,955.00	294,400.00
PERS Side Fund / UAL Payment	1,326,675.00	1,708,377.00	254,448.00	740,733.00	20,000.00
8020 · Employee Health					
8021 · Employee Health Deductions	-4,896.80	-3,762.24	-8,943.46	-9,500.00	-8,000.00
8020 · Employee Health - Other	137,956.67	147,498.75	153,587.55	165,337.60	174,282.98
<b>Total 8020 · Employee Health</b>	<b>133,059.87</b>	<b>143,736.51</b>	<b>144,644.09</b>	<b>155,837.60</b>	<b>166,282.98</b>
8022 · Retiree Health	47,141.16	64,314.95	56,322.48	53,500.00	58,626.86
CERBT/OPEB Retiree Annual Arc Contribution	56,466.91	27,662.00	37,096.83	65,700.00	67,900.00
8023 · Workers Comp Insurance	20,505.00	31,286.00	14,711.00	21,035.00	23,138.50
<b>Total 8000 · Salaries and Benefits Expenses</b>	<b>2,865,896.85</b>	<b>3,283,362.62</b>	<b>1,922,700.98</b>	<b>2,533,282.00</b>	<b>2,159,754.00</b>

\*\* Estimates to close are based off current balances as of 6.17.18

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

	<b>Actuals FY14-15</b>	<b>Actuals FY15-16</b>	<b>Actuals FY16-17</b>	<b>Estimate FY17-18</b>	<b>Budget FY18-19</b>
<b>8500 - Other Operating Expenses</b>					
8510 - Data/Alarms/IT Supp & Licensing	35,639.68	34,494.85	43,893.01	100,000.00	75,000.00
8515 - Safety	25,254.55	13,245.60	13,619.19	20,000.00	20,000.00
8520 - Uniforms	9,142.33	7,557.24	10,965.86	11,000.00	15,000.00
<b>8530 - Telephone</b>					
8531 - Main Plant Telephones	12,879.51	13,979.71	8,806.47	10,000.00	11,000.00
8532 - Paradise Cove Telephones	3,516.90	3,593.77	2,496.15	4,000.00	4,000.00
8533 - Pumps & Lines Telephones	5,518.36	6,136.59	3,677.57	7,000.00	7,000.00
<b>Total 8530 - Telephone</b>	<b>21,914.77</b>	<b>23,710.07</b>	<b>14,980.19</b>	<b>21,000.00</b>	<b>22,000.00</b>
<b>8540 - Utilities</b>					
8541 - Water	3,791.73	2,815.10	3,618.35	3,500.00	3,500.00
8542 - Main Plant Utilities	160,515.29	158,504.14	179,694.22	180,000.00	180,000.00
8543 - Paradise Cove Utilities	12,857.43	13,782.11	13,814.41	13,500.00	13,500.00
8544 - Pump Station Utilities	45,172.60	32,630.06	42,120.85	35,000.00	35,000.00
<b>Total 8540 - Utilities</b>	<b>222,337.05</b>	<b>207,731.41</b>	<b>239,247.83</b>	<b>232,000.00</b>	<b>232,000.00</b>
8570 - Belvedere WestAm Loan Int	11,845.55	0.00	0.00	0.00	0.00
<b>Total 8500 - Other Operating Expenses</b>	<b>326,133.69</b>	<b>286,739.00</b>	<b>322,706.00</b>	<b>384,000.00</b>	<b>364,000.00</b>

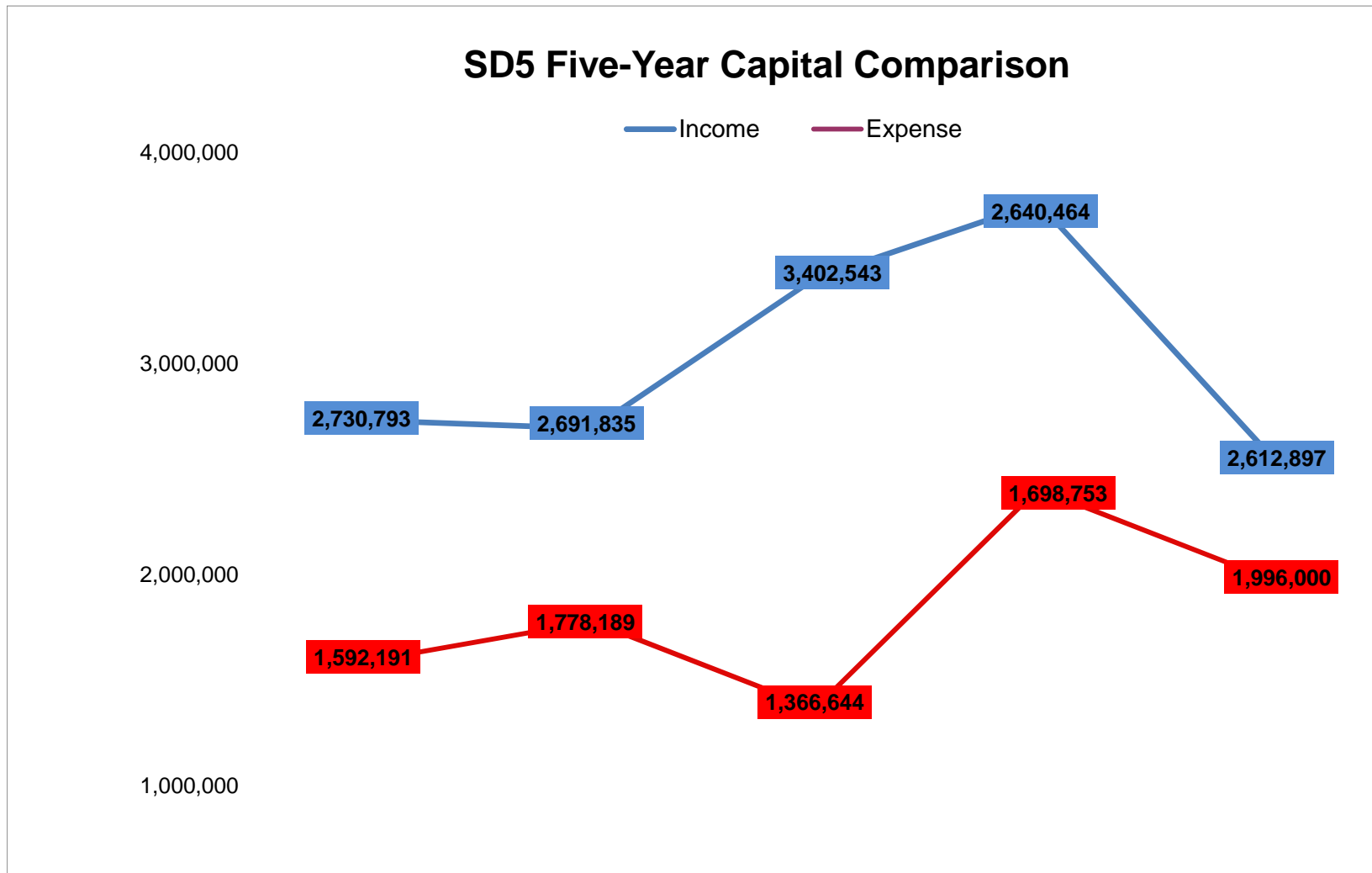
<b>Total OPERATING Expenses</b>	<b>3,959,437.26</b>	<b>24%</b>	<b>4,457,766.56</b>	<b>13%</b>	<b>3,221,887.09</b>	<b>-72%</b>	<b>3,871,482.00</b>	<b>-72%</b>	<b>3,467,069.00</b>
<b>Net Operating Income</b>	<b>-362,600.01</b>	<b>-240%</b>	<b>-623,886.56</b>	<b>306%</b>	<b>134,707.73</b>	<b>823%</b>	<b>-565,021.00</b>	<b>823%</b>	<b>204,457.40</b>



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

**FY 2014/2015 - 2018/2019  
Five - Year Capital Comparison**

	FY 2014-2015*	FY 2015-2016**	FY 2016-2017**	2017-2018**	2018-2019
	Actuals	Actuals	Actuals	Estimate	Budget
<b>Income</b>	<b>2,730,793</b>	<b>2,691,835</b>	<b>3,402,543</b>	<b>3,761,296</b>	<b>2,612,897</b>
<b>Expense</b>	<b>1,592,191</b>	<b>1,778,189</b>	<b>1,366,644</b>	<b>2,406,454</b>	<b>1,996,000</b>



\* Includes CalPERS Side Fund Payment

\*\* Includes CalPERS UAL Payment

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

	Actuals FY14-15		Actuals FY15-16		Actuals FY16-17		Estimate FY17-18		Budget FY18-19
<b>Ordinary Income/Expense</b>									
<b>Income</b>									
<b>5000 - Property Taxes</b>									
5001.2 - Prop Tax Current Secured - Cap	639,281.33		703,836.84		692,382.26		747,672.00		700,000.00
5002 - Prop Tax Current Unsec	13,468.34		13,588.06		13,791.23		13,400.00		13,000.00
5003 - Prop Tax Prior Unsec	1,605.25		506.72		557.01		791.00		0.00
5006 - Suppl Unsec	580.04		215.73		226.61		915.00		100.00
5041 - Suppl Assessment Curr	15,163.69		836.53		15,480.13		17,313.00		15,000.00
5043 - Suppl Assessment Redm	1,326.78		-554.64		3,757.96		500.00		500.00
5046 - Excess ERAF	266,147.82		260,418.38		317,953.45		322,494.00		250,000.00
5280 - HOPTR	3,911.86		3,886.46		3,802.18		3,774.00		3,333.00
<b>Total 5000 - Property Taxes</b>	941,485.11	<b>0%</b>	982,734.08	<b>4%</b>	1,047,950.83	<b>7%</b>	1,106,859.00	<b>6%</b>	981,933.00
<b>5007 - Sewer Service Charge</b>									
5007.5 - Sewer Service - Tiburon Cap	347,846.77		343,327.50		674,081.48		945,754.81		507,742.01
5007.3 - Sewer Service-Belv Cap	1,234,567.45		1,260,179.00		1,344,579.28		1,308,682.04		950,357.28
<b>Total 5007 - Sewer Service Charge</b>	1,582,414.22		1,603,506.50		2,018,660.76		2,254,436.85		1,458,099.28
<b>5900.3 - Connection Fees</b>									
5900.31 - Collection	36,672.21		35,293.00		154,615.00		200,000.00		80,000.00
5900.34 - Treatment	159,038.79		47,623.00		181,317.00		200,000.00		80,000.00
<b>Total 5900.3 - Connection Fees</b>	195,711.00		82,916.00		335,932.00		400,000.00		160,000.00
<b>5900.10 - Paradise Sewer Line Ext. Fees</b>	11,182.41		22,678.00		0.00		0.00		12,863.00
<b>Total Income</b>	<b>2,730,792.82</b>	<b>-1%</b>	<b>2,691,835.00</b>	<b>-1%</b>	<b>3,402,543.45</b>	<b>26%</b>	<b>3,761,296.00</b>	<b>11%</b>	<b>2,612,897.28</b>

\*\* Estimates to close are based off current balances as of 6.17.18

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

Expense	Actuals FY14-15	Actuals FY15-16	Estimate FY16-17	Estimate FY17-18	Budget FY18-19
<b>9100 - Capital Expenditures</b>					
<b>9200 - Main Plant Equipment Capital</b>					
9204 - M.P. Boiler Replacement	0.00	0.00	0.00	62,855.00	0.00
9205 - Influent Sumps/RAS Cover Rplcmt	0.00	26,744.58	0.00	0.00	0.00
9206 - Infl Dry Weather Pump Rplcmt	0.00	0.00	32,163.94	0.00	0.00
9207 - Infl Wet Weather Pump Rplcmt	0.00	0.00	56,927.58	0.00	0.00
9208 - Sodium Hypochlorite Feed Pump Rplcmt	0.00	0.00	8,643.46	0.00	0.00
9209 - Screw Press Blend Redundancy	0.00	0.00	0.00	0.00	15,000.00
9210 - Sludge Box Replacement	0.00	13,621.09	0.00	15,442.00	0.00
9211 - Odor Control Upgrades	0.00	0.00	0.00	0.00	50,000.00
9212 - Headworks Grinder Replacement	0.00	0.00	0.00	0.00	20,000.00
9215 - M.P. Restroom Remodels (2)	33,454.18	360.50	0.00	0.00	0.00
9229.8 - Vehicle Replacement	0.00	44,044.40	0.00	21,785.00	0.00
<b>Total 9200 - Main Plant Equipment Capital</b>	<b>33,454.00</b>	<b>84,771.00</b>	<b>97,735.00</b>	<b>100,082.00</b>	<b>85,000.00</b>
<b>9300 - Pumps &amp; Lines Capital</b>					
9301 - Tiburon Sewer Line Rehab Prog	26,015.18	5,922.00	120,306.13	296,960.00	325,000.00
9302 - Pump Station Control Panel Upgr	60,132.00	2,849.95	62,832.36	90,000.00	60,000.00
9303 - Lateral Camera	0.00	0.00	0.00	0.00	25,000.00
9304 - Belvedere Sewer Line Rehab Prog	49,538.37	37,247.19	78,578.93	223,447.00	250,000.00
9305 - Valve/Wet Well Lid Cover Replac	0.00	0.00	0.00	0.00	0.00
9306 - Pump Station Pump & Valve Rplcmnt	0.00	26,847.24	50,938.12	0.00	75,000.00
9307 - Pump Station Generator Replacem	27,378.89	0.00	24,529.79	59,625.00	0.00
9308 - Station #5 Rebuild/4 Pumps/Gen				0.00	0.00
9308.1 - Mar West PS#5, Phase I-Design	22,178.83	0.00	0.00	0.00	0.00
9308 - Station #5 Rebuild/4 Pumps/Gen - Other	10,446.59	0.00	0.00	0.00	0.00
9308.11 - Mar West PS#5, Phase I-Constr	223,211.50	546,311.76	0.00	0.00	0.00
9308.2 - Mar West PS#5, Phase II-Constr	0.00	0.00	0.00	790,300.00	0.00
<b>Total 9308 - Station #5 Rebuild</b>	<b>255,836.92</b>	<b>546,311.76</b>	<b>0.00</b>	<b>790,300.00</b>	<b>0.00</b>
9309 - Cove Rd BPS #1 Generator Replacement	0.00	0.00	0.00	0.00	100,000.00
9310 - Belv Station #13 & # 14 Comm. Project	0.00	5,134.90	0.00	0.00	20,000.00
9311 - Cove Road Force Main Replacem	0.00	27,972.25	0.00	0.00	100,000.00
9312 - Lagoon Rd - Install Gen/Conduit	0.00	0.00	0.00	0.00	0.00
9313 - Belvedere Manhole Rehabilitation	0.00	0.00	0.00	0.00	50,000.00
9314 - Belv Portable Emergency Generators	0.00	0.00	0.00	12,274.00	0.00
9315 - TPS Comm/Radio Upgrade Project	0.00	0.00	33,465.60	0.00	20,000.00
<b>Total 9300 - Pumps &amp; Lines Capital</b>	<b>418,901.00</b>	<b>652,285.00</b>	<b>370,651.00</b>	<b>1,472,606.00</b>	<b>1,025,000.00</b>

\*\* Estimates to close are based off current balances as of 6.17.18

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

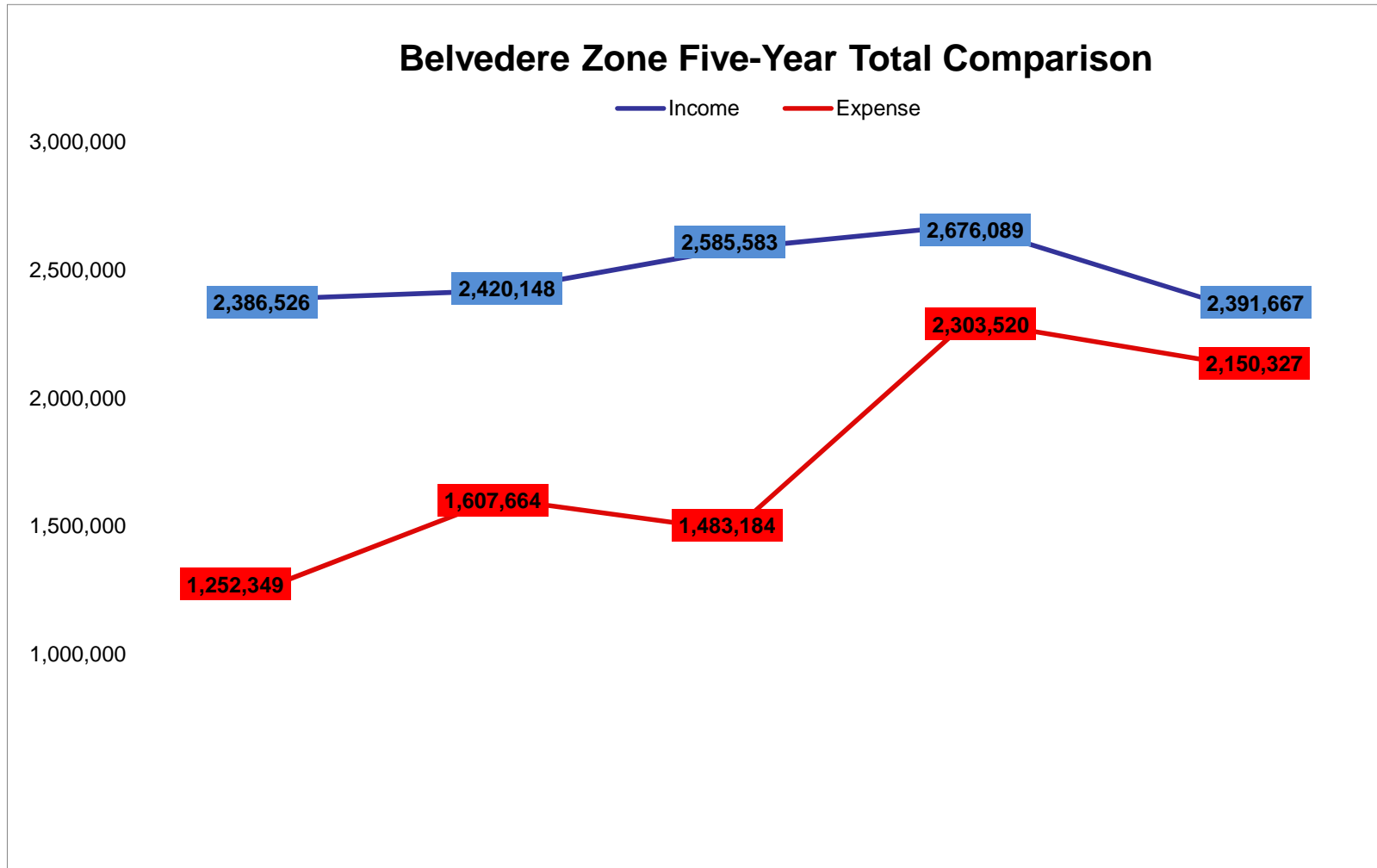
	<b>Actuals FY14-15</b>	<b>Actuals FY15-16</b>	<b>Estimate FY16-17</b>	<b>Estimate FY17-18</b>	<b>Budget FY18-19</b>
<b>9400 - Paradise Cove Capital</b>					
<b>9405 - P.C. Generator Replacement</b>	0.00	9,090.07	49,903.24	899.22	0.00
- P.C. Painting at Plant	0.00	0.00	0.00	0.00	0.00
<b>9410 - P.C. U.V. Disinfection</b>	0.00	5,935.88	0.00	0.00	0.00
<b>Total 9400 - Paradise Cove Capital</b>	0.00	15,026.00	49,903.00	899.00	0.00
<b>9500 - Undesignated Capital</b>			0.00		
<b>9510 - Undesignated Cap - M.P.</b>	10,063.03	15,204.52	6,357.50	33,817.00	25,000.00
<b>9520 - Undesignated Cap - P.C. Plant</b>	0.00	11,827.00	0.00	0.00	10,000.00
<b>9530 - Undesignated Cap - P&amp;L</b>	0.00	13,167.82	0.00	0.00	50,000.00
<b>Total 9500 - Undesignated Capital</b>	10,063.03	40,199.34	6,357.50	33,817.00	85,000.00
			0.00		
<b>- Main Plant Other Capital</b>			0.00		
<b>224 - MPR Project</b>	0.00	0.00	0.00	0.00	0.00
<b>9612 - Office/Access - Construction</b>	136,600.08	0.00	0.00	0.00	0.00
<b>- Main Plant Other Capital</b>	136,600.08	0.00	0.00	0.00	0.00
<b>Total 9100 - Capital Expenditures</b>	<b>599,018.00</b>	<b>792,281.00</b>	<b>524,647.00</b>	<b>1,607,404.00</b>	<b>1,195,000.00</b>
<b>9700 - Debt Service</b>					
<b>9720 - Belvedere Loan</b>					
<b>9723 - Belvedere WestAm Loan Prin</b>	128,000.00	131,429.26	0.00	0.00	0.00
<b>Total 9720 - Belvedere Loan</b>	128,000.00	131,429.26	0.00	0.00	0.00
<b>9730 - Debt Service - MPR Project</b>			0.00		
<b>9731 - Debt Service MPR Bond Principal</b>	440,000.00	445,000.00	450,000.00	450,000.00	460,000.00
<b>9732 - Debt Service MPR Bond Interest</b>	425,172.62	409,479.10	391,996.84	349,050.00	339,950.00
<b>Total 9730 - Debt Service - MPR Project</b>	865,172.62	854,479.10	841,996.84	799,050.00	801,000.00
<b>Total 9700 - Debt Service</b>	993,172.62	985,908.36	841,996.84	799,050.00	801,000.00
<b>Total CAPITAL Expense</b>	<b>1,592,191.00</b>	<b>1,778,189.00</b>	<b>1,366,644.00</b>	<b>2,406,454.00</b>	<b>1,996,000.00</b>
	-70%	12%	-23%	76%	
<b>Total Ops &amp; Capital Net Income</b>	<b>1,138,601.90</b>	<b>913,646.42</b>	<b>2,035,899.31</b>	<b>1,354,842.15</b>	<b>616,897.28</b>
	-145%	-20%	223%	67%	

\*\* Estimates to close are based off current balances as of 6.17.18

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

**FY 2014/2015 - 2018/2019  
Five - Year Zone Comparison**

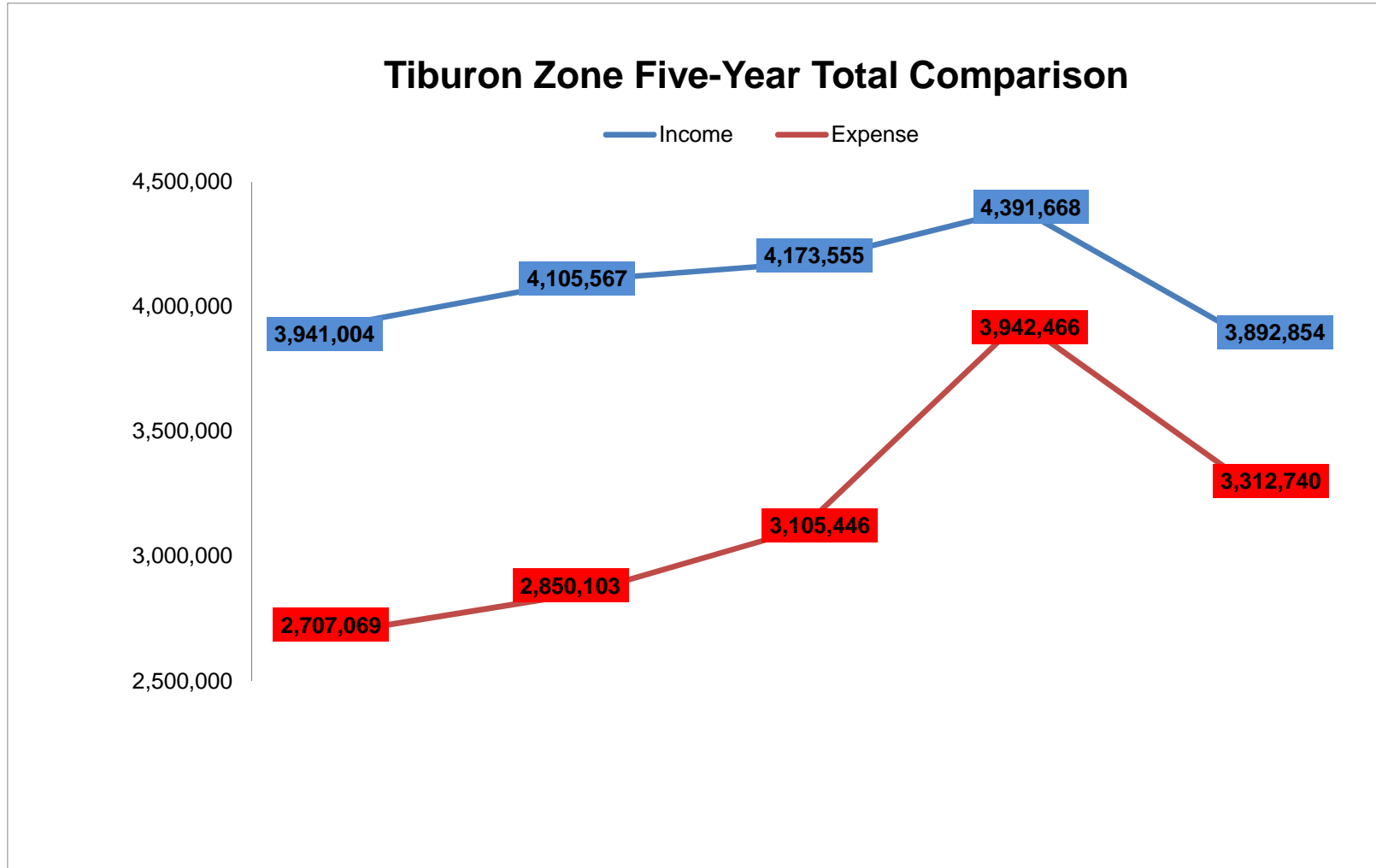
	FY 2014-2015*	FY 2015-2016**	FY 2016-2017**	FY 2017-2018**	FY 2018-2019
	Actuals	Actuals	Actuals	Estimate	Budget
<b>Income</b>	<b>2,386,526</b>	<b>2,420,148</b>	<b>2,585,583</b>	<b>2,676,089</b>	<b>2,391,667</b>
<b>Expense</b>	<b>1,252,349</b>	<b>1,607,664</b>	<b>1,483,184</b>	<b>2,303,520</b>	<b>2,150,327</b>



\* Includes CalPERS Side Fund Payment

\*\* Includes CalPERS UAL Payment

	FY 2014-15*	FY 2015-16**	FY 2016-2017	FY 2017-2018	FY 2018-2019
	Actuals	Actuals	Actuals	Estimate	Budget
<b>Income</b>	<b>3,941,004</b>	<b>4,105,567</b>	<b>4,173,555</b>	<b>4,391,668</b>	<b>3,892,854</b>
<b>Expense</b>	<b>2,707,069</b>	<b>2,850,103</b>	<b>3,105,446</b>	<b>3,942,466</b>	<b>3,312,740</b>



\* Includes CalPERS Side Fund Payment

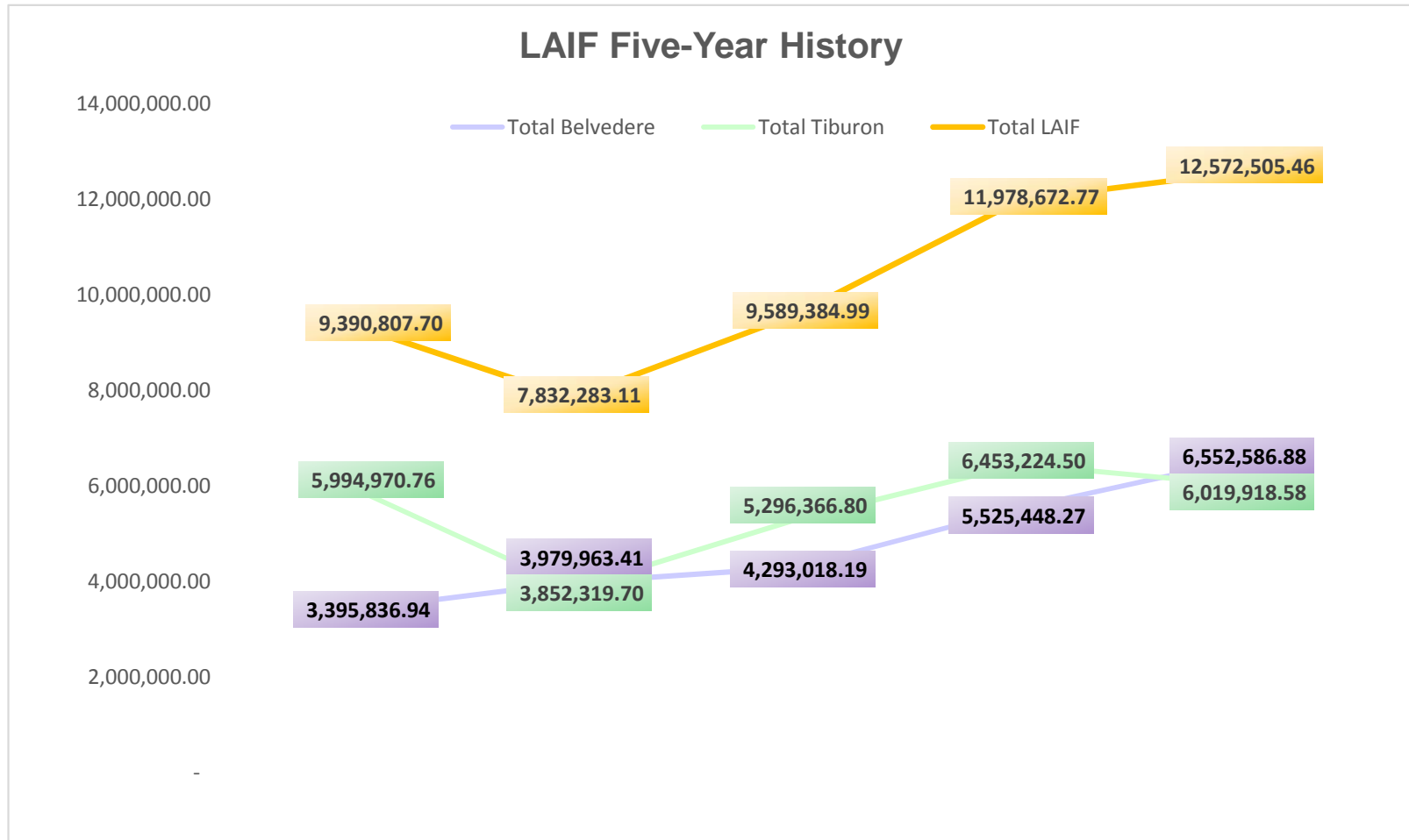
\*\* Includes CalPERS UAL Payment



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

**FY 2014/2015 - 2018/2019  
Local Agency Investment Fund (LAIF)  
Five-Year History**

	FY2013-2014	FY2014-2015	FY2015-2016	FY2016-2017	FY2017-2018
<b>Total Belvedere</b>	3,395,836.94	3,979,963.41	4,293,018.19	5,525,448.27	6,552,586.88
<b>Total Tiburon</b>	5,994,970.76	3,852,319.70	5,296,366.80	6,453,224.50	6,019,918.58
<b>Total LAIF</b>	9,390,807.70	7,832,283.11	9,589,384.99	11,978,672.77	12,572,505.46



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

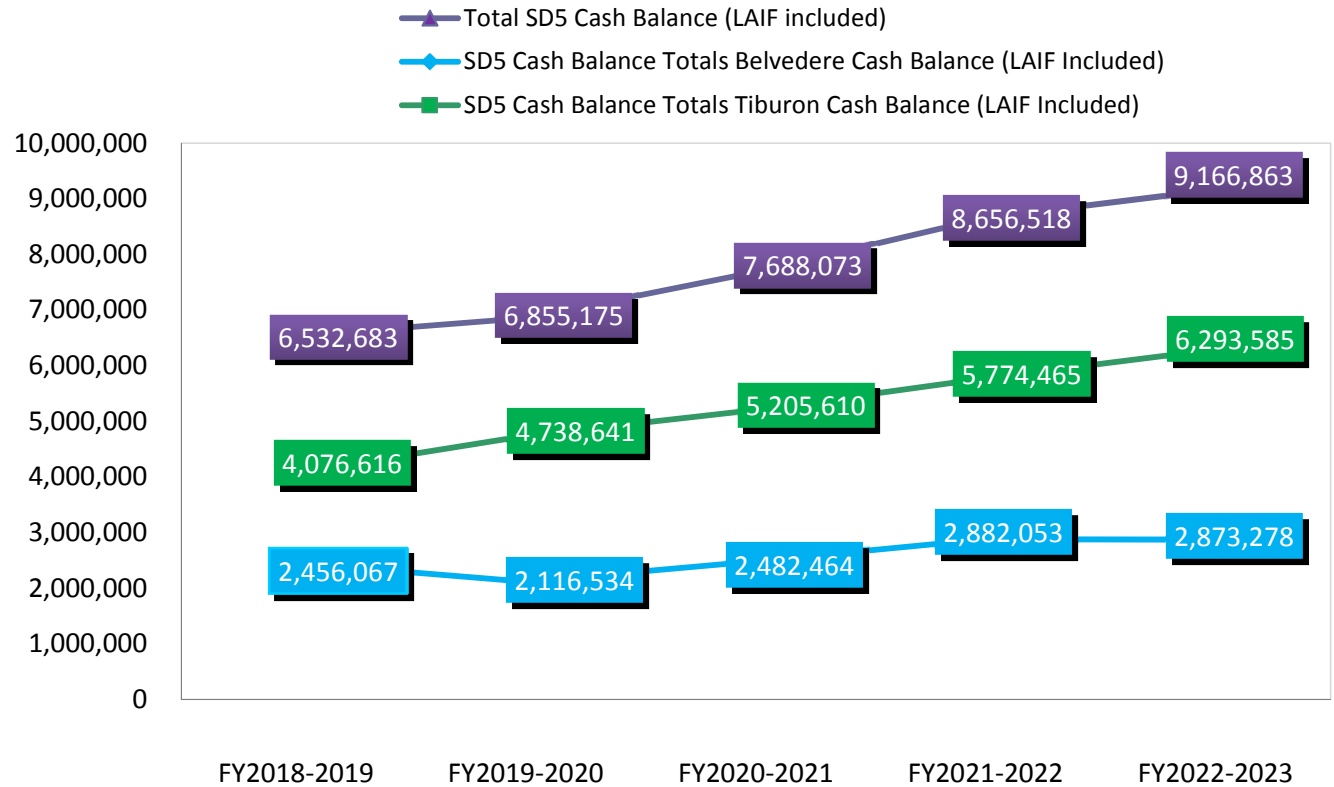
**FY 2018/2019 - 2022/2023  
Local Agency Investment Fund (LAIF)  
Five-Year Projection**

## SD5 CASH BALANCE PROJECTIONS

	<u>FY2018-2019</u>	<u>FY2019-2020</u>	<u>FY2020-2021</u>	<u>FY2021-2022</u>	<u>FY2022-2023</u>
Belvedere Property Tax Income	0	0	0	0	0
Tiburon Property Tax Income	1,093,274	1,115,139	1,137,442	1,160,191	1,183,395
Belvedere Sewer Service Charge Income	2,455,642	2,455,642	2,455,642	2,455,642	2,455,642
Tiburon Sewer Service Charge Income	2,782,590	2,782,590	2,782,590	2,782,590	2,782,590
Belvedere Operating Expense	1,242,097	1,279,359	1,317,740	1,357,272	1,397,991
Tiburon Operating Expense	2,224,970	2,291,719	2,360,471	2,431,285	2,504,223
Belvedere Capital Expense	592,500	1,200,000	470,000	365,000	570,000
Tiburon Capital Expense	457,500	425,000	575,000	425,000	425,000
Paradise Cove Capital Expense	35,000	70,000	135,000	35,000	25,000
Main Plant Capital Expense	110,000	90,000	55,000	140,000	575,000
Belvedere MPR DEBT CIP	281,989	282,165	281,408	281,434	281,434
Tiburon MPR DEBT CIP	518,661	518,985	517,592	517,641	517,641
<b>Belvedere Total Income</b>	<b>2,455,642</b>	<b>2,455,642</b>	<b>2,455,642</b>	<b>2,455,642</b>	<b>2,455,642</b>
<b>Belvedere Total Expense</b>	<b>2,157,715</b>	<b>2,795,176</b>	<b>2,089,713</b>	<b>2,056,053</b>	<b>2,464,417</b>
Belvedere Net Income	297,928	(339,533)	365,930	399,590	(8,775)
<b>Belvedere LAIF (Cash) + Net Income</b>	<b>2,456,067</b>	<b>2,116,534</b>	<b>2,482,464</b>	<b>2,882,053</b>	<b>2,873,278</b>
<b>Tiburon Total Income</b>	<b>3,875,864</b>	<b>3,897,729</b>	<b>3,920,032</b>	<b>3,942,781</b>	<b>3,965,985</b>
<b>Tiburon Total Expense</b>	<b>3,201,131</b>	<b>3,235,704</b>	<b>3,453,063</b>	<b>3,373,926</b>	<b>3,446,864</b>
Tiburon Net Income	674,733	662,025	466,969	568,855	519,120
<b>Tiburon LAIF (Cash) + Net Income</b>	<b>4,076,616</b>	<b>4,738,641</b>	<b>5,205,610</b>	<b>5,774,465</b>	<b>6,293,585</b>
<b>SD5 TOTAL CASH BALANCE</b>	<b>6,532,683</b>	<b>6,855,175</b>	<b>7,688,073</b>	<b>8,656,518</b>	<b>9,166,863</b>

	<b>FY2018-2019</b>	<b>FY2019-2020</b>	<b>FY2020-2021</b>	<b>FY2021-2022</b>	<b>FY2022-2023</b>
<b>SD5 Cash Balance Totals</b>					
Belvedere Cash Balance (LAIF Included)	2,456,067	2,116,534	2,482,464	2,882,053	2,873,278
Tiburon Cash Balance (LAIF Included)	4,076,616	4,738,641	5,205,610	5,774,465	6,293,585
<b>Total SD5 Cash Balance (LAIF included)</b>	<b>6,532,683</b>	<b>6,855,175</b>	<b>7,688,073</b>	<b>8,656,518</b>	<b>9,166,863</b>

### SD5 Detailed Cash Balance Projection



	FY2018-2019	FY2019-2020	FY2020-2021	FY2021-2022	FY2021-2022
<b>Total Projected Income</b>	<b>6,331,506</b>	<b>6,353,371</b>	<b>6,375,674</b>	<b>6,398,423</b>	<b>6,421,627</b>
<b>Total Projected Expense</b>	<b>5,358,846</b>	<b>6,030,880</b>	<b>5,542,775</b>	<b>5,429,978</b>	<b>5,911,281</b>

### SD5 Total Income vs. Total Expense Projections

