

Sanitary District No. 5 of Marin County

FY 2019 - 2020 Budget

June 20, 2019

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Sanitary District No. 5 of Marin County

Consolidated Budget FY 2019-2020

Income	2018-2019 Budget	2018-2019 Actuals *	2019-2020 Budget	% Diff.	Tib Zone	Belv Zone
Property Taxes	981,933	1,169,227	981,933	0%	981,933	0
Tib Sewer Service Charge Revenue	2,730,745	2,691,531	2,710,600	1%	2,710,600	0
Belv Sewer Service Charge Revenue	2,296,381	2,312,310	2,319,969	1%	0	2,319,969
Interest	25,000	214,668	25,000	0%	15,788	9,213
Treatment & Collection Fees	160,000	596,330	200,000	22%	128,080	71,920
Paradise Sewer Extension Fees	12,863	-	13,365	4%	13,365	0
Other Income	100	-	100	0%	63	37
Connection & Inpsection Permit Fees	12,500	30,640	20,000	46%	12,630	7,370
SASM Expense Reimbursement	65,000	87,910	65,000	0%	41,049	23,952
Total Budgeted Income	6,284,522	7,102,616	6,335,966	0.8%	3,903,506	2,432,460
Expense						
Operating Expenses	3,467,068	3,393,660	3,716,406 ***	7%	2,393,610	1,322,796
Capital Expenses	1,996,000	2,145,010	3,891,700	64%	2,081,930	1,809,770
Total Budgeted Expenses	5,463,068	5,538,670	7,608,106	32.7%	4,475,540	3,132,566
Net Ordinary Income	821,453	1,563,947	-1,272,140	-154.0%	-572,034	-700,107

* Actual numbers are based on estimates, as of 6.17.19

*** Operating Expenses include Increased CalPERS Reserve Funding

Sanitary District No. 5 of Marin County

Operating Budget

FY 2019 - 2020

Operating Assumptions

Operating Revenue Assumptions:

- Paradise Cove flow represents 2.42% of total flow for District. This percentage reflects Paradise Cove's share of the District-wide revenues
- Tiburon Sewer Service (including Paradise Cove) Charge is \$1,034 per EDU (Equivalent Dwelling Unit). 91.4% Of this revenue is allocated for operational needs to meet SD5's FY19-20 Reserve Fund Policy requirements
- Belvedere Sewer Service Charge is \$1,985 per EDU. 60.2% Of this revenue is allocated for operational needs to meet SD5's FY19-20 Reserve Fund Policy requirements
- Interest revenue for LAIF (Local Agency Investment Fund) accounts is estimated at 1.5% for FY 2019-2020
- "Other Income" account reflects 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) fees
- Salary categories include 3.5% COLA increase
- PERS Classic Members' Employer Contribution Retirement rate is 13.182%, and Employer-paid Employee Contribution rate is 8.64% for FY 2019-2020
- SD5 PERS Classic Members/Employees are scheduled for 3.00% reimbursement to the District for Employer-paid Employee Contribution rate
- Workers compensation premium based on 4.581% composite rate, with an 0.81% experience modification factor
- Paradise Cove operating expense is 2.42% of operating expenses in applicable District-wide categories; this is based on Paradise Cove's average annual percentage of influent flow from the 2018 calendar year
- Belvedere operating expense is 36.85% of main plant-related categories, and 35.96% of expenses that pertain to all three zones; this is based on Belvedere's average annual percentage of influent flow from the 2018 calendar year
- CalPERS Reserve Funding set at 3.5% of CalPERS Market Value Assets, as of 6.30.17

Formulas for Determining Percentage Breakdowns (Operating & Capital)

Belvedere only = 100%

Tiburon only = 100%

Paradise Cove only = 100%

Shared Belvedere : Tiburon = 63.85% : 63.15%

Shared Tiburon : Paradise Cove = 96.22% : 3.78%

Shared Belvedere : Tiburon : Paradise Cove = 35.96% : 61.62% : 2.42%

	2018-2019 Operations Budget	2018-2019 Estimated to Close	2019-2020 Operations Budget		Breakdown by Zone		
					Tib Ops	P.C. Ops	Belv Ops
Operating Income							
Tiburon Sewer Service Charge - Ops	2,198,177	2,172,552	2,454,797	11%	2,362,006	92,791	
Belvedere Sewer Service Charge - Ops	1,346,024	1,355,361	1,396,621	4%	0	0	1,396,621
Other User Fees	24,826	20,235	24,826		24,826	0	0
Interest Earnings	25,000	214,668	25,000		15,405	605	8,990
Connection & Inspection Permit Fees	12,500	30,640	20,000	46%	12,324	484	7,192
SASM Expense Reimbursement	65,000	87,910	65,000		41,049	0	23,952
Other Income	100	100	100		62	2	36
Total Operating Income	3,671,630	3,881,466	3,986,340	8.2%	2,455,671	93,883	1,436,791

	2018-2019 Operations Budget	2018-2019 Estimated to Close	2019-2020 Operations Budget		Breakdown by Zone		
					Tib Ops	P.C. Ops	Belv Ops
Operating Expense							
Administrative Expenses							
Advertising	1,000	1,000	1,000		616	24	360
Outreach & Newsletter	1,000	0	1,000		616	24	360
Audit & Accounting	32,500	32,500	33,700	4%	20,766	816	12,119
Consulting Fees	100,000	68,550	100,000		61,620	2,420	35,960
Travel & Meetings	15,000	15,000	15,000		9,243	363	5,394
Continuing Education	10,000	2,000	10,000		6,162	242	3,596
County Fees	16,500	17,500	16,500		10,167	399	5,933
Directors Fees	9,000	7,000	9,000		5,546	218	3,236
Dues & Subscriptions	12,000	10,900	25,000	70%	15,405	605	8,990
Elections	7,000	2,200	0		0	0	0
Insurance PLP General Liability	47,966	40,800	42,840	-11%	26,398	1,037	15,405
PLP Dividend (FY86/87 - FY10/11)	0	-8,500	0				
Insurance APIP (Real) Property	14,980	13,000	17,377	15%	10,708	421	6,249
Insurance Damage - Auto	1,368	1,350	1,435	5%	884	35	516
Legal	70,000	50,000	70,000		43,134	1,694	25,172
Office Supplies	7,000	4,500	7,000		4,313	169	2,517
Postage	1,000	800	1,000		616	24	360
Pollution Prevention	4,000	4,000	4,000		2,465	97	1,438
Miscellaneous Expense	0	0	0		0	0	0
Total Administrative	350,315	262,600	354,852	1.3%	218,660	8,587	127,605
Ops & Maintenance Expenses							
Pumps & Lines Maintenance							
Pumps & Lines Maintenance	200,000	200,000	200,000		123,240	4,840	71,920
Emergency Line Repairs	50,000	50,000	50,000		25,000	0	25,000
Total Pumps & Lines Maintenance	250,000	250,000	250,000	0%	148,240	4,840	96,920
Main Plant Maintenance							
Plant Maintenance Supplies	10,000	10,000	10,000		6,315	0	3,685
Plant Maint. Parts & Service	50,000	50,000	50,000		31,575	0	18,425
Janitorial Supplies & Service	5,000	6,000	6,000	18%	3,789	0	2,211
Main Plant Chemicals	100,000	100,000	105,000	5%	66,308	0	38,693
Lab Supplies & Chemicals	10,000	10,000	15,000	40%	9,473	0	5,528
Electrical & Instrument	5,000	5,000	5,000		3,158	0	1,843
Grounds Maintenance	5,000	5,000	8,000	46%	5,052	0	2,948
Main Plant Sludge Disposal	30,000	30,000	30,000		18,945	0	11,055
Main Plant Outfall: SASM	0	0	0		0	0	0
Total Main Plant Maintenance	215,000	216,000	229,000	6.3%	144,614	0	84,387

	2018-2019 Operations Budget	2018-2019 Estimated to Close	2019-2020 Operations Budget		Breakdown by Zone		
					Tib Ops	P.C. Ops	Belv Ops
Paradise Cove Plant Maintenance							
Paradise Parts & Service	10,000	10,000	10,000		0	10,000	0
Paradise Supplies & Chemicals	5,000	5,000	5,000		0	5,000	0
Paradise Sludge Disposal	6,000	7,000	8,000	29%	0	8,000	0
Total Paradise Cove Plant Maintenance	21,000	22,000	23,000	9.1%	0	23,000	0
Monitoring							
Main Plant Lab Monitoring	45,000	45,000	45,000		28,418	0	16,583
Paradise Cove Monitoring	10,000	17,000	15,000	40%	0	15,000	0
Dilution Study	0	2,000	20,000		12,630	0	7,370
Total Monitoring	55,000	64,000	80,000	37.0%	41,048	15,000	23,953
Permits/Fees							
Main Plant NPDES Renewal	0	4,350	0		0	0	0
Permits/Fees - General	40,000	40,000	40,000		25,260	0	14,740
Paradise Cove Permits/Fees	0	6,000	8,000		0	8,000	0
Paradise Cove NPDES Renewal	0	0	0		0	0	0
Total Permits/Fees	40,000	50,350	48,000	18.2%	25,260	8,000	14,740
Truck Maintenance							
Fuel	8,000	8,000	8,000		4,930	194	2,877
Truck Maintenance	4,000	5,000	5,000	22%	3,081	121	1,798
Total Truck Maintenance	12,000	13,000	13,000	8.0%	8,011	315	4,675
Total Ops & Maintenance Expenses	593,000	615,350	643,000	8.1%	367,172	51,155	224,674
Salaries & Benefits							
Salaries	996,691	996,691	1,153,504	15%	710,789	27,915	414,800
Overtime	100,000	130,000	100,000		61,620	2,420	35,960
Standby Pay	67,080	67,080	69,428	3%	42,781	1,680	24,966
Employee Incentives	40,000	5,000	40,000		24,648	968	14,384
Vacation Buyout	25,000	40,000	25,000		15,405	605	8,990
Payroll Taxes	88,000	88,000	94,891	8%	58,472	2,296	34,123
Payroll/Bank Fees	5,500	5,500	5,500		3,389	133	1,978
Car Allowance	6,000	6,000	6,000		3,697	145	2,158
PERS Retirement							
PERS Monthly Contributions	201,134	184,018	147,885	31%	91,127	3,579	53,179
PERS Replacement Benefit Fund (RLL)	0	-8,557	0		0	0	0
PERS UAL Payment	20,000	20,000	20,000		12,324	484	7,192
PERS Asset Gains/Loss	0	0	0		0	0	0
SD5 Retirement Trust	294,400	294,400	286,555	3%	176,575	6,935	103,045
Total PERS Retirement	515,534	489,861	454,440	12.6%	280,026	10,997	163,417

	2018-2019 Operations Budget	2018-2019 Estimated to Close	2019-2020 Operations Budget		Breakdown by Zone		
					Tib Ops	P.C. Ops	Belv Ops
Salaries & Benefits (Cont'd)							
Employee Health, Dental, Vision, Life Ins., & LTDI	166,283	172,765	221,176	28%	136,289	5,352	79,535
Retiree Health	58,627	52,700	79,551	30%	49,019	1,925	28,606
CERBT/OPEB Current Employee Contributions	67,900	68,000	70,200	3%	43,257	1,699	25,244
Workers Comp Insurance	23,139	19,613	29,365	24%	18,094	711	10,559
Total Salaries & Benefits	2,159,754	2,141,210	2,349,054	8.4%	1,447,489	56,847	844,720
Other Operating Expenses							
Data/Alarms/IT Support & Licensing	75,000	85,000	80,000	6%	49,296	1,936	28,768
Safety	20,000	20,000	20,000		12,324	484	7,192
Personal Protection Equipment/Uniforms	15,000	15,000	15,000		9,243	363	5,394
Telephone							
Main Plant Telephones	11,000	11,000	11,000		6,947	0	4,054
Paradise Cove Telephones	4,000	4,000	4,000		0	4,000	0
Pumps & Lines Telephones	7,000	7,000	7,000		6,735	265	0
Total Telephone	22,000	22,000	22,000	0%	13,682	4,265	4,054
Utilities							
Water	3,500	4,000	4,000	13%	2,526	0	1,474
Main Plant Utilities	180,000	180,000	180,000		113,670	0	66,330
Paradise Cove Utilities	13,500	13,500	13,500		0	13,500	0
Pump Station Utilities	35,000	35,000	35,000		21,567	847	12,586
Total Utilities	232,000	232,500	232,500	0.2%	137,763	14,347	80,390
Total Other Operating Expenses	364,000	374,500	369,500	1.5%	222,308	21,395	125,798
Total Operating Expenses	3,467,068	3,393,660	3,716,406	6.8%	2,255,630	137,980	1,322,796
Net Ordinary Income	204,560	487,810	269,930	-27.5%	200,041	-44,097	113,994

Sanitary District No. 5 of Marin County

Capital Budget

FY 2019 - 2020

Capital Assumptions

Capital Revenue Assumptions:

- Secured Property Tax (TEETER) is a general revenue of the District (Tiburon zone only) and is subject to CA State tax shifts
- Supplemental property tax applies (Tiburon zone only) as homes are re-valued and sold
- Excess ERAF (Educational Revenue Augmentation Fund) reimbursement is announced mid-year
- HOPTR = Home Owner Property Tax Relief
- Belvedere capital income is set at 39.8% of its sewer service charge revenue to meet SD5's FY19-20 Reserve Fund Policy requirements
- Tiburon capital income is set at 8.6% of its sewer service charge revenue to meet SD5's FY19-20 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
- Supplemental property tax applies (Tiburon zone only) as homes are re-valued and sold
- Excess ERAF (Educational Revenue Augmentation Fund) reimbursement is announced mid-year
- HOPTR = Home Owner Property Tax Relief
- Paradise Drive Sewer Line Extension Fee income estimated: 1 homes @ \$13,364.59 (3.9% CPI Increase) each
- Belvedere capital expense is 36.85% of total main plant-related expenditures, based on Belvedere's average annual percentage of influent flow from the 2018 calendar year
- Tiburon capital expense is 63.15% of total main plant-related expenditures, based on Tiburon's average annual percentage of influent flow from the 2018 calendar year
- The remaining (bond payments only) Tiburon Main Plant Rehabilitation (MPR) expense is 64.78% of the total project-related expenditures, 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, based on the MPR Bond split

	2018-2019 Capital Budget	2018-2019* Estimated to Close	2019-2020 Capital Budget		Breakdown by Zone		
					Tib Cap	P.C. Cap	Belv. Cap
Capital Income							
Property Taxes							
Property Tax Current Secured - Capital	700,000	792,082	700,000		673,540	26,460	0
Prop Tax Current Unsecured	13,000	14,602	13,000		12,509	491	0
Supplemental Assessment Current	15,000	15,760	15,000		14,433	567	0
Supplemental Assessment Redm	500	476	500		481	19	0
Supplemental Unsecured	100	154	100		96	4	0
Prop Tax Prior Unsecured	0	577	0		0	0	0
Excess ERAF	250,000	335,598	250,000		240,550	9,450	0
HOPTR	3,333	3,186	3,333		3,207	126	0
Other Tax (Unitary, RR, Misc.)	0	6,792	0		0	0	0
Total Property Taxes	981,933	1,169,227	981,933	0%	944,816	37,117	0
Tiburon Sewer Service Charge - Capital	507,742	498,744	230,977	75%	222,246	8,731	0
Belvedere Sewer Service Charge - Capital	950,357	956,950	923,348	3%	0	0	923,348
Connection Fees							
Collection	80,000	238,491	100,000	22%	61,620	2,420	35,960
Treatment	80,000	357,839	100,000	22%	61,620	2,420	35,960
Total Connection Fees	160,000	596,330	200,000	22.2%	123,240	4,840	71,920
Paradise Drive Sewer Line Extension Fees	12,863	0	13,365	4%	0	13,365	0
Total Capital Income	2,612,895	3,221,250	2,349,622	10.6%	1,290,302	64,053	995,268

Capital Expenditures

2018-2019 Capital Budget	2018-2019* Estimated to Close	2019-2020 Capital Budget		Breakdown by Zone		
				Tib Cap	P.C. Cap	Belv. Cap

Main Plant Equip Capital Expense

LED Lighting Upgrades	0	25,571	0		0	0	0
Boiler Replacement	0	5,551	0		0	0	0
Screw Press Poly Blend Redundancy	15,000	15,734	0		0	0	0
Odor Control Upgrades	50,000	20,000	0		0	0	0
Headworks Grinder Replacement	20,000	18,830	15,000	-29%	9,473	0	5,528
Flare Rehabilitation	0	0	50,000		31,575	0	18,425
Underground Pipe & Valve Replacement	0	0	200,000		126,300		73,700
Total Main Plant Equip Capital Expense	85,000	85,686	265,000	102.9%	167,350	0	97,650

Pumps & Lines Capital

Tiburon Sewer Line Rehab	325,000	450,000	600,000	59%	600,000	0	0
Pump Station Control Panel Upgrades	60,000	60,000	40,000	-40%	0	0	40,000
Lateral Camera	25,000	15,000	0		0	0	0
Belvedere Sewer Line Rehab	250,000	500,000	600,000	82%	0	0	600,000
PS Pump & Valve Replacement Program	75,000	75,000	50,000	-40%	25,000	0	25,000
PS Generator Replacement	0	0	20,000		0	0	20,000
Force Main Rehab - Multiple Sites	0	0	400,000		400,000		
Belvedere Pump Station #13 & #14, Communication Project	20,000	47,000	0		0	0	0
Cove Rd. Force Main Replacement - Engineering	100,000	31,450	0		0	0	0
Cove Rd. Force Main Replacement - Construction, Ph. I	100,000	0	600,000	143%	0	0	600,000
Man Hole Rehabilitation	50,000	0	0		0	0	0
Vactor Truck	0	0	300,000		189,450	0	110,550
Tiburon Pump Station Communications (Radio) Upgrade Project	20,000	42,000	0		0	0	0
Total Pumps & Lines Capital	1,025,000	1,220,450	2,610,000	87.2%	1,214,450	0	1,395,550

Paradise Cove Capital

P.C. Communications Upgrade	0	0	20,000		0	20,000	0
P.C. Influent Wet Well Access Replacement	0	0	25,000		0	25,000	
P.C. Flow Meter Replacement	0	0	10,000		0	10,000	
P.C. Painting at Plant	0	0	75,000		0	75,000	
P.C. UV Disinfection	0	0	0		0	0	0
Total Paradise Cove Capital	0	0	130,000		0	130,000	0

	2018-2019 Capital Budget	2018-2019* Estimated to Close	2019-2020 Capital Budget		Breakdown by Zone		
					Tib Cap	P.C. Cap	Belv. Cap

Undesignated Capital

Undesignated Cap - Main Plant	25,000	0	25,000		15,788	0	9,213
Undesignated Cap - Paradise Cove	10,000	8,900	10,000		0	10,000	0
Undesignated Cap - Tiburon	25,000	0	25,000		25,000	0	0
Undesignated Cap - Belvedere	25,000	23,578	25,000		0	0	25,000
Total Undesignated Capital	85,000	32,478	85,000	0%	40,788	10,000	34,213

Debt Service

Debt Service - MPR Bond Principal	460,000	470,000	470,000	2%	304,466	0	165,534
Debt Service - MPR Bond Interest	339,950	335,350	330,650	-3%	214,195	0	116,455
Total Debt Service	801,000	806,400	801,700	0.1%	519,341	0	282,359

Total Capital Expenditures	1,996,000	2,145,010	3,891,700	64.4%	1,941,930	140,000	1,809,770
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Net Capital Income	616,900	1,076,240	-1,542,080	-250.0%	-651,630	-75,950	-814,500
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**Sanitary District No. 5
of Marin County**

Capital Improvement Program

FY 2019/2020 – FY2028/2029

SUMMARY OF CAPITAL IMPROVEMENT PROGRAM

Project Descriptions	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	TOTAL
Main Plant	265,000	230,000	65,000	50,000	275,000	515,000	515,000	15,000	215,000	185,000	2,330,000
Tiburon Pumps & Lines	1,239,450	200,000	375,000	625,000	625,000	775,000	1,125,000	425,000	375,000	425,000	6,189,450
Belvedere Pumps & Lines	1,420,550	770,000	700,000	320,000	300,000	535,000	550,000	535,000	1,050,000	315,000	6,495,550
Paradise Cove	140,000	275,000	285,000	60,000	10,000	70,000	35,000	10,000	110,000	10,000	1,005,000
MPR Debt Service	825,650	825,970	824,000	824,075	818,500	816,875	818,875	814,500	813,750	816,375	8,198,570
TOTAL	3,890,650	2,300,970	2,249,000	1,879,075	2,028,500	2,711,875	3,043,875	1,799,500	2,563,750	1,751,375	24,218,570

MAIN PLANT CAPITAL IMPROVEMENT PROGRAM

M.P. Project Description	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	TOTAL
Screw Press Poly Blend Redundancy		15,000									15,000
Dry Weather Influent Pump				35,000						35,000	70,000
Wet Weather Influent Pump					60,000					60,000	120,000
Flare Rehabilitation	50,000										50,000
Headworks Grinder Replacement	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Maintenance Shop Replacement/Ops Control						500,000	500,000				1,000,000
Underground Pipe and Valve Replacement	200,000										200,000
(Utility) Truck Purchase			50,000							75,000	125,000
Emergency Outfall Replacement		200,000									200,000
Aeration Basin Diffuser Upgrade									200,000		200,000
Emergency Generator Replacement					200,000						200,000
MPR Bond Payment	800,650	800,970	799,000	799,075	793,500	791,875	793,875	789,500	788,750	791,375	7,948,570
Undesignated Capital Projects	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Treatment Plant Total	1,090,650	1,055,970	889,000	874,075	1,093,500	1,331,875	1,333,875	829,500	1,028,750	1,001,375	10,528,570

MAIN PLANT CAPITAL IMPROVEMENT PROJECTS

Main Plant Project Name	DESCRIPTION
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.
Emergency Outfall Rehabilitation	This project will consist of rehabilitating the abandoned effluent outfall pipe in order to have it available for use during emergency situations. Emergency Preparedness
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.
Aeration Basin Diffuser Upgrade	This project consists of replacing the current diffusers in the off line aeration basin with new style diaphragm type diffusers like the online aeration basin this did not get upgraded during the MPR project
Underground Pipe & 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 projects, which may come up after the MPR project is complete.
MPR Bond	Main Plant Rehabilitation Completed in 2014 - Bond Payments to show true annual CIP projections.

TIBURON CAPITAL IMPROVEMENT PROGRAM

Tiburon Project Description	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	TOTAL
Sewer Line Rehabilitation Program	600,000		325,000	325,000	325,000	325,000	325,000	325,000	325,000	325,000	3,200,000
Pump and Valve Replacement Program	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Communications Upgrade Project											0
Force Main Rehabilitation- Multiple Sites	400,000			200,000	200,000	350,000	700,000				1,850,000
Man Hole Rehabilitation		50,000		50,000		50,000		50,000		50,000	250,000
Flow Meter Upgrade Project					50,000		50,000				100,000
CCTV Sewer System w/ New PACP Data		100,000									100,000
Vactor Truck	189,450										189,450
Undesignated Capital Projects	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
<i>Tiburon Total</i>	1,239,450	200,000	375,000	625,000	625,000	775,000	1,125,000	425,000	375,000	425,000	6,189,450

TIBURON ZONE PUMPS & LINES CAPITAL IMPROVEMENT PROJECTS

Tiburon Zone Pumps & Line Project Name	DESCRIPTION
Sewer Line Rehabilitation Program	These funds 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; All have been replaced as of 7/1/2018
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 tiburon control panels have been replaced as of 7/1/2018
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.
CCTV Sewer System New PACP Data	This project will consist of retelevising the entire collection system in order to provide updated information regarding the condition of the system and to assist in establishing a new CIP project regarding sewer line rehabilitation
Station No.5 Replacement	<p>This is a phased project of upgrading the main pump station in the Tiburon Zone:</p> <p><i>Phase I</i> has been completed, which replaced the motor control center/electrical controls and the installation of a diesel powered standby emergency generator.</p> <p><i>Phase II</i> 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> <p><i>Phase III</i> consists of rehabilitating the force main servicing this site. It is the last phase of this project anticipated around 2024</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. Recycle Water will be used for sewer cleaning activities
Force Main Rehabilitation Project	This project will consist of rehabilitating several force mains in the Tiburon Zone. Station #2, #3, #6 & #7
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

Belvedere Project Description	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	TOTAL
Sewer Line Rehabilitation Program	600,000	0	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,600,000
Pump and Valve Replacement Program	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Pump Station Control Panel - Upgrade	40,000						150,000				190,000
Pump Station - Generator Replacement #1 & #2	20,000		100,000								120,000
Cove Rd. Force Main Rehabilitation Project	600,000	600,000									1,200,000
Force Main Replacement (multiple sites)						200,000		200,000	750,000		1,150,000
Power Feed Improvement Project (BPS #9, #10, #11)			300,000								300,000
CCTV Sewer System w/ New PACP Data		100,000									100,000
Vactor Truck	110,550										110,550
San Rafael Ave Diverter Line Install							100,000				100,000
Flow Meter Install Project						15,000		15,000		15,000	45,000
Man Hole Rehabilitation		20,000		20,000		20,000		20,000			80,000
Undesignated Capital Projects	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Belvedere Total	1,420,550	770,000	700,000	320,000	300,000	535,000	550,000	535,000	1,050,000	315,000	6,495,550

BELVEDERE ZONE PUMPS & LINES CAPITAL IMPROVEMENT PROJECTS

Belvedere Zone Pumps & Line Project Name	DESCRIPTION
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.
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 replacing the generators to new standardized control panels. To date - station #15, 14,13,12,5 & 3 control panels have been replaced. Need to purchase panels for #2
Pump Station Generator Replacement	Standby generators at the Belvedere pump stations were installed in the early 1980. Station #3 Generator recently replaced need to replace station #1 & #2 Generators
Pump Station Comm. Upgrade Project	These funds will be used to provide alarming and communication back to the Main Plant SCADA system, The new communication equipment will be standardized
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. Recently the forcemain was compromised as a result of a 3rd party. Same issue was encountered when repairing. The current pipe size also lacks capacity during major wet weather events.
Lagoon Rd. Power Feed Improvement Project	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 install power conduits to connect all three stations in order to provide immediate back up power to these sites and it also reduce staff overtime. Emergency preparedness
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 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 defeciciencies due to hydrogen sulfide deterioration.
CCTV Sewer System	This project will consist of retelivziing the belvedere collection system in order to get an updated condition of the sewer system and to assist in establishing an updated CIP program for sewer rehabilitation projects.
Undesignated Capital Projects	These monies are for unforeseen problems within the collection system.

PARADISE COVE PLANT CAPITAL IMPROVEMENT PROGRAM

Paradise Cove Project Description	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	TOTAL
Paradise Sewer Line Rehab Project		250,000	250,000								500,000
Grit Removal Project				50,000							50,000
Plant Grating Replacement- Fiberglass		15,000									15,000
Communications Upgrade	20,000										20,000
Influent Wet Well Access Replacement	25,000										25,000
Flow Meter Replacement	10,000										10,000
UV Disinfection						60,000					60,000
Pump Replacement Program			25,000				25,000				50,000
Paint Treatment Plant	75,000								100,000		175,000
Undesignated Capital Projects	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Paradise Cove Total	140,000	275,000	285,000	60,000	10,000	70,000	35,000	10,000	110,000	10,000	1,005,000

PARADISE COVE ZONE PUMPS & LINES CAPITAL IMPROVEMENT PROJECTS

Paradise Cove Project Name	DESCRIPTION
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 there 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.

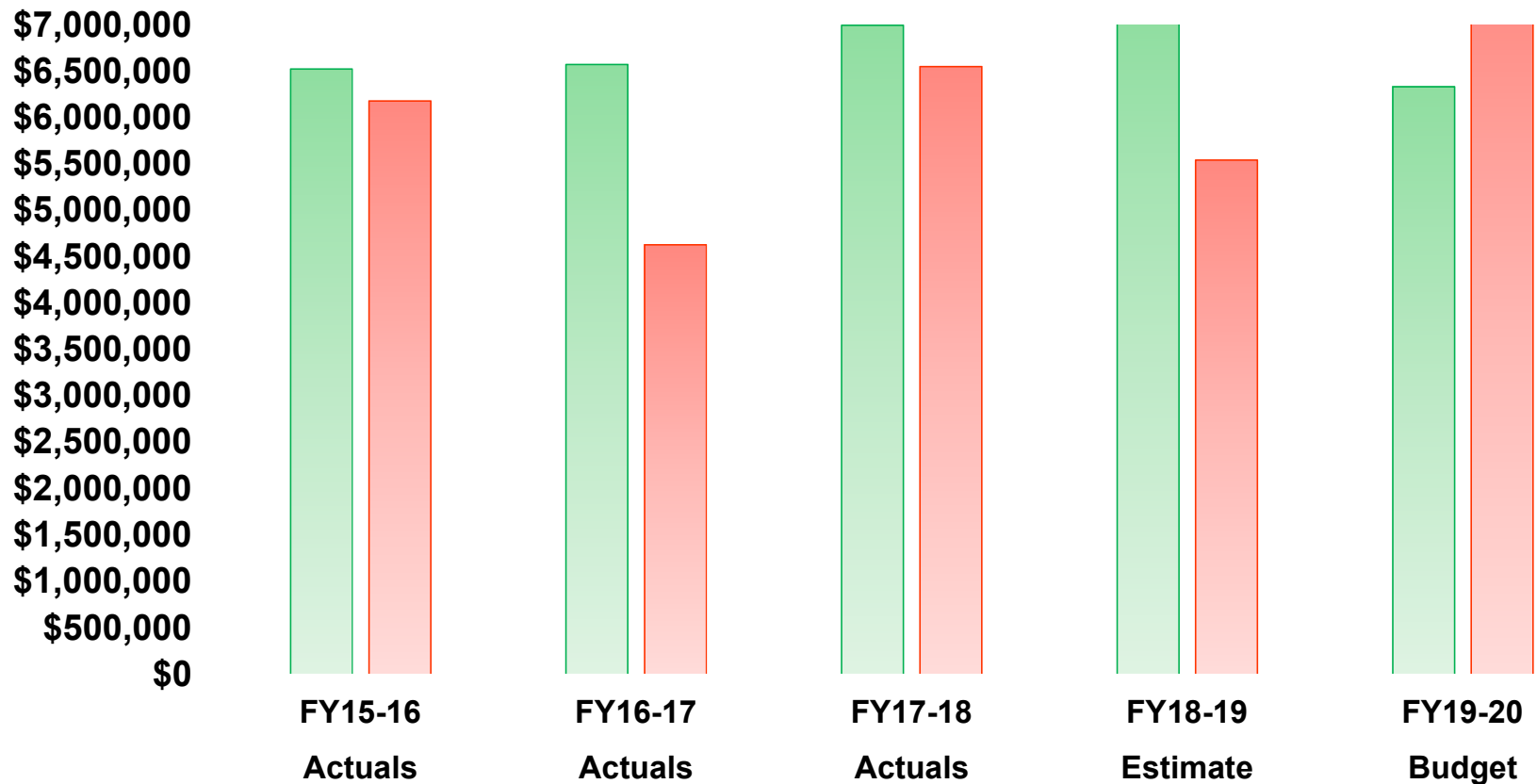
Sanitary District No. 5 of Marin County

Five-Year History: Detailed Comparison

FY 2015/2016 – FY2019/2020

	Actuals FY15-16	Actuals FY16-17	Actuals FY17-18	Estimate FY18-19	Budget FY19-20
Total Income	\$6,525,715	\$6,574,936	\$6,997,488	\$7,102,670	\$6,335,966
Total Expenses	\$6,183,400	\$4,632,360	\$6,553,260	\$5,544,107	\$7,604,106

SD5 Five-Year Total Comparison



Ordinary Income/Expense Income	Actuals FY15-16	Actuals FY16-17	Actuals FY17-18	Estimate FY18-19	Budget FY19-20
5000 · Property Taxes					
5001.2 · Prop Tax Current Secured - Cap	703,836.84	692,382.26	747,671.64	792,081.91	700,000.00
5002 · Prop Tax Current Unsecured	13,588.06	13,791.23	13,400.78	14,602.17	13,000.00
5003 · Prop Tax Prior Unsecured	506.72	557.01	790.81	577.23	0.00
5006 · Suppl Unsecured	215.73	226.61	914.69	153.53	100.00
5041 · Suppl Assessment - Current	836.53	15,480.13	18,450.91	15,760.00	15,000.00
5043 · Suppl Assessment - Redemption	-554.64	3,757.96	0.00	529.61	500.00
5046 · Excess ERAF	260,418.38	317,953.45	322,493.70	335,598.25	250,000.00
5280 · HOPTR	3,886.46	3,802.18	3,773.58	3,186.12	3,333.00
5483 · Other Tax (Unitary, RR, Misc.)			5,970.54	6,791.66	
Total 5000 · Property Taxes	982,734.08	1,047,950.83	1,113,466.65	1,169,280.48	981,933.00
5007 · Sewer Service Charge					
5007.1 · Sewer Service - Tiburon Ops	2,370,931.70	2,130,009.00	1,782,023.48	2,172,551.71	2,454,797.11
5007.5 · Sewer Service - Tiburon Cap	343,327.50	674,081.48	945,393.11	498,743.98	230,976.53
5007.2 · Sewer Service-Belv Ops	1,073,486.00	997,893.32	1,102,361.07	1,355,360.53	1,396,621.19
5007.3 · Sewer Service-Belv Cap	1,260,179.00	1,344,579.28	1,258,777.49	956,949.52	923,347.56
5007.4 · Other User Fees	25,022.80	26,067.14	24,826.00	20,235.38	24,826.00
Total 5007 · Sewer Service Charge	5,072,947.00	5,172,630.22	5,113,381.15	5,003,841.12	5,030,568.39
5201 · Interest					
5201.1 · Interest County of Marin	0.00	65.95	323.86	508.57	0.00
5201.2 · Interest LAIF	34,201.85	74,341.81	156,338.13	214,159.43	25,000.00
Total 5201 · Interest	34,201.85	74,407.76	156,661.99	214,668.00	25,000.00
5900.3 · Connection Fees					
5900.30 · Connection Permit Fees	2,400.00	4,400.00	9,500.00	7,550.00	10,000.00
5900.31 · Collection	35,293.00	68,448.00	248,652.00	238,491.00	100,000.00
5900.34 · Treatment	47,623.00	86,682.00	257,826.00	357,839.00	100,000.00
Total 5900.3 · Connection Fees	85,316.00	159,530.00	515,978.00	603,880.00	210,000.00
5900.4 · Inspection Permit Fees	8,520.00	17,150.00	16,700.00	23,090.00	10,000.00
5900.5 · SASM Expense Reimb.	78,280.00	102,988.24	83,300.61	87,910.00	65,000.00
5900.7 · Nextel Lease	0.00	0.00	0.00	0.00	0.00
5900.9 · Other Income	241,038.00	279.17	0.00	0.00	100.00
5900.10 · Paradise Sewer Line Ext. Fees	22,678.00	0.00	0.00	0.00	13,364.59
Total Ops & Capital Income	6,525,715.00	6,574,936.00	6,997,488.00	7,102,670.00	6,335,966.00

Expense	Actuals FY15-16	Actuals FY16-17	Estimate FY17-18	Estimate FY18-19	Budget FY18-19
6000 · Administrative Expenses					
6001 · Advertising	625.00	65.00	171.24	1,000.00	1,000.00
6002 · Outreach & Newsletter	0.00	0.00	0.00	0.00	1,000.00
6008 · Audit & Accounting	27,745.00	30,548.58	25,666.11	32,500.00	33,700.00
6017 · Consulting Fees*	75,529.55	94,145.84	130,145.58	68,550.00	100,000.00
6018 · Travel & Meetings					
6018 ·1 Travel & Meetings - Other	5,221.14	5,113.36	6,905.03	7,000.00	8,000.00
6018.2 · Standby Mileage Expense Reimb	6,779.65	6,786.64	6,377.62	8,000.00	7,000.00
Total 6018 · Travel & Meetings	12,000.79	11,900.00	13,282.65	15,000.00	15,000.00
6020 · Continuing Education	8,060.27	3,744.23	5,282.98	2,000.00	10,000.00
6021 · County Fees	12,460.94	15,690.49	16,702.69	17,500.00	16,500.00
6024 · Director Fees	6,800.00	6,700.00	6,500.00	7,000.00	9,000.00
6025 · Dues & Subscriptions	7,622.67	10,993.46	10,521.21	10,900.00	25,000.00
6026 · Elections	8,253.75	230.24	0.00	2,200.00	0.00
6033 ·1 PLP Public Entity Phys Damage	31,647.34	12,405.91	10,745.16	13,000.00	17,376.80
PLP Dividends			-8,567.00	-8,500.00	0.00
6033 ·2 General Liability	33,805.12	23,352.91	11,453.45	40,800.00	42,840.00
6033 ·3 Physical Property - Auto	7,192.58	1,241.00	2,395.00	1,350.00	1,435.00
6039 · Legal	65,300.99	75,666.07	54,668.73	50,000.00	70,000.00
6047 · Office Supplies	6,989.46	6,015.77	10,667.61	4,500.00	7,000.00
6056 · Postage	587.30	863.93	386.56	800.00	1,000.00
6059 · Pollution Prevention/Public Edu	3,374.18	2,863.31	2,346.80	4,000.00	4,000.00
6065 · Miscellaneous Expense	0.00	1,554.05	0.00	0.00	0.00
Total 6000 · Administrative Expenses	307,995.00	297,981.00	292,369.00	262,600.00	354,852.00
7000 · Ops & Maintenance Expenses					
7010 · Pumps & Lines Maintenance					
7011 · Pumps & Lines Maintenance	190,845.79	248,143.93	184,139.63	200,000.00	200,000.00
7013 · Emergency Line Cleaning	0.00	50,644.22	84,393.61	50,000.00	50,000.00
7015 · Inflow & Infiltration Study	0.00	0.00	0.00	0.00	0.00
Total 7010 · Pumps & Lines Maintenance	190,845.79	298,788.15	268,533.24	250,000.00	250,000.00
7020 · Main Plant Maintenance					
7021 · Plant Maintenance Supplies	8,182.08	5,718.58	9,408.58	10,000.00	10,000.00
7022 · Plant Maint. Parts & Service	49,162.51	40,448.84	58,224.01	50,000.00	50,000.00
7023 · Janitorial Supplies & Service	6,782.15	5,430.65	4,218.03	6,000.00	6,000.00
7024 · Main Plant Chemicals	94,877.34	75,920.48	102,771.14	100,000.00	105,000.00
7025 · Lab Supplies & Chemicals	44,137.12	65,830.16	56,438.21	10,000.00	15,000.00
7027 · Electrical & Instrument	1,883.75	88.24	1,373.17	5,000.00	5,000.00
7028 · Grounds Maintenance	3,344.55	2,919.87	2,162.32	5,000.00	8,000.00
7029 · Main Plant Sludge Disposal	30,433.07	24,122.52	26,949.06	30,000.00	30,000.00
7030 · Main Plant Outfall	12,512.44	0.00	0.00	0.00	0.00
Total 7020 · Main Plant Maintenance	251,315.01	220,479.34	261,544.52	216,000.00	229,000.00

	Actuals FY15-16	Actuals FY16-17	Estimate FY17-18	Budget FY18-19	Budget FY18-19
7040 · Paradise Cove Plant Maint					
7041 · Paradise Parts & Service	3,653.52	11,209.84	6,468.21	10,000.00	10,000.00
7042 · Paradise Supplies & Chemicals	4,369.49	10,982.53	3,464.33	5,000.00	5,000.00
7043 · Paradise Sludge Disposal	9,490.22	8,104.67	5,520.35	7,000.00	8,000.00
Total 7040 · Paradise Cove Plant Maint	17,513.23	30,297.04	15,452.89	22,000.00	23,000.00
7050 · Monitoring					
7051 · Main Plant Lab Monitoring	42,281.40	43,484.06	39,245.25	45,000.00	45,000.00
7052 · Paradise Cove Monitoring	11,669.35	12,783.00	9,755.86	17,000.00	15,000.00
7053 · Chronic Toxicity Program Eval	0.00	0.00	1,845.00	2,000.00	0.00
7065 · Dilution Study				0.00	20,000.00
Total 7050 · Monitoring	53,950.75	56,267.06	50,846.11	64,000.00	80,000.00
7060 · Permits/Fees					
7061 · Main Plant NPDES Renewal	-293.75	0.00	21,628.75	4,350.00	0.00
7062 · Permits/Fees - General	32,230.40	44,287.15	31,705.63	40,000.00	40,000.00
7063 · Paradise Cove Permits/Fees	9,166.42	4,085.47	5,913.63	6,000.00	8,000.00
7064 · Paradise Cove NPDES Renewal	6,743.75	7,994.50	0.00	0.00	0.00
Total 7060 · Permits/Fees	47,846.82	56,367.12	59,248.01	50,350.00	48,000.00
7070 · Truck Maintenance					
7071 · Fuel	7,479.25	6,519.78	6,947.07	8,000.00	8,000.00
7072 · Truck Maintenance	4,347.29	4,090.32	9,344.39	5,000.00	5,000.00
Total 7070 · Truck Maintenance	11,826.54	10,610.10	16,291.46	13,000.00	13,000.00
Total 7000 · Ops & Maintenance Expenses	573,297.75	672,808.74	671,916.23	615,350.00	643,000.00
8000 · Salaries and Benefits Expenses					
8001 · Salaries	703,144.51	876,077.32	969,329.98	996,691.00	1,153,504.00
8003 · Overtime	100,582.04	138,034.13	77,636.89	130,000.00	100,000.00
8004 · Standby Pay	44,877.45	46,537.03	66,746.35	67,080.00	69,427.80
8005 · Employee Incentives	0.00	0.00	0.00	5,000.00	40,000.00
8006 · Vacation Buyout	18,316.25	22,318.11	20,199.25	40,000.00	25,000.00
8013 · Payroll Taxes	85,291.68	92,848.33	90,835.07	88,000.00	94,891.00
8015 · Payroll/Bank Fees	5,527.56	5,110.12	7,990.68	5,500.00	5,500.00
8016 · Car Allowance	5,500.00	6,000.00	6,000.00	6,000.00	6,000.00
8019 · PERS Retirement					
PERS Monthly Contributions	203,682.63	143,748.80	157,286.99	184,017.79	147,885.00
PERS Replacement Benefit Fund (RLL)	6,581.55	2,617.41	20,370.72	4,280.00	0.00
PERS Side Fund/UAL Payment	1,708,377.00	254,448.00	740,733.00	20,000.00	20,000.00
PERS UAL (SD5) Trust Fund	0.00	40,195.00	93,955.00	294,400.00	286,554.77
Total 8019 · PERS Retirement	1,918,641.18	441,009.21	1,012,345.71	502,697.79	454,439.77
8020 · Employee Health					
8020.05 · Employee Health	147,498.75	153,584.98	165,321.18	177,015.00	221,176.00
8021 · Employee Health Deductions	-3,762.24	-8,943.46	-9,380.02	-4,250.00	-4,000.00
Total 8020 · Employee Health	143,736.51	144,641.52	155,941.16	172,765.00	217,176.00
8022 · Retiree Health	64,314.95	56,322.48	53,670.16	52,700.00	79,550.72
CERBT/OPEB Retiree Annual Arc Contribution	27,662.00	37,096.83	65,700.00	68,000.00	70,200.00
Total 8022 · Retiree Health	91,976.95	93,419.31	119,370.16	120,700.00	149,750.72
8023 · Workers Comp Insurance	27,606.00	12,711.00	10,484.00	19,613.00	29,364.53
W.C. Dividend +/- Rebate	-3,185.00	-2,000.00	-2,322.00	-2,000.00	-2,000.00
Total 8023 · Workers Comp Insurance	24,421.00	10,711.00	8,162.00	17,613.00	27,364.53
Total 8000 · Salaries and Benefits Expenses	3,237,177.53	1,972,224.76	2,656,249.10	2,152,047.00	2,345,053.81

	Actuals FY15-16	Actuals FY16-17	Estimate FY17-18	Budget FY18-19	Budget FY18-19
8500 · Other Operating Expenses					
8510 · Data/Alarms/IT Supp & Licensing	34,494.85	43,893.01	75,105.92	85,000.00	80,000.00
8515 · Safety	13,245.60	13,619.19	11,283.79	20,000.00	20,000.00
8520 · Personal Protection/Safety Wear	7,557.24	10,965.86	8,539.90	15,000.00	15,000.00
8530 · Telephone					
8531 · Main Plant Telephones	13,979.71	8,806.47	8,004.61	11,000.00	11,000.00
8532 · Paradise Cove Telephones	3,593.77	2,496.15	3,663.92	4,000.00	4,000.00
8533 · Pumps & Lines Telephones	6,136.59	3,677.57	6,533.07	7,000.00	7,000.00
Total 8530 · Telephone	23,710.07	14,980.19	18,201.60	22,000.00	22,000.00
8540 · Utilities					
8541 · Water	2,815.10	3,618.35	3,699.49	4,000.00	4,000.00
8542 · Main Plant Utilities	158,504.14	179,694.22	168,332.98	180,000.00	180,000.00
8543 · Paradise Cove Utilities	13,782.11	13,814.41	14,027.27	13,500.00	13,500.00
8544 · Pump Station Utilities	32,630.06	42,120.85	33,210.82	35,000.00	35,000.00
Total 8540 · Utilities	207,731.41	239,247.83	219,270.56	232,500.00	232,500.00
8570 · Belvedere WestAm Loan Int	0.00	0.00	0.00	0.00	0.00
Total 8500 · Other Operating Expenses	286,739.17	322,706.08	332,401.77	374,500.00	369,500.00
Total OPERATING Expenses	4,405,210.00	3,265,720.00	3,952,940.00	3,404,497.00	3,712,406.00

	Actuals FY15-16	Actuals FY16-17	Estimate FY17-18	Estimate FY18-19	Budget FY18-19
9100 · Capital Expenditures					
9200 · Main Plant Equipment Capital					
9201 · LED Lighting Upgrade	0.00	0.00	25,066.15	25,571.38	0.00
9203 · Slurry Seal & Parking Plan	0.00	0.00	0.00	0.00	0.00
9204 · M.P. Boiler Replacement	0.00	0.00	62,855.00	5,550.75	0.00
9205 · Influent Sumps/RAS Cover Rplcmt	26,744.58	0.00	0.00	0.00	0.00
9206 · Infl Dry Weather Pump Rplcmt	0.00	32,163.94	0.00	0.00	0.00
9207 · Infl Wet Weather Pump Rplcmt	0.00	56,927.58	0.00	0.00	0.00
9208 · Sodium Hypochlorite Feed Pump Rplcmt	0.00	8,643.46	0.00	0.00	0.00
9209 · Screw Press Blend Redundancy	0.00	0.00	0.00	15,733.84	0.00
9210 · Sludge Box Replacement	13,621.09	0.00	15,442.00	0.00	0.00
9211 · Odor Control Upgrades	0.00	0.00	0.00	20,000.00	0.00
9212 · Headworks Grinder Replacement	0.00	0.00	0.00	18,829.83	15,000.00
9213 · Flare Rehabilitation				0.00	50,000.00
9214 · Underground Pipe & Valve Replacement				0.00	200,000.00
9215 · M.P. Restroom Remodels (2)	360.50	0.00	0.00	0.00	0.00
9225.95 · SCADA Upgrade				0.00	
Total 9200 · Main Plant Equipment Capital	40,726.17	97,734.98	103,363.15	85,685.80	265,000.00
9300 · Pumps & Lines Capital					
9301 · Tiburon Sewer Line Rehab Prog	5,922.00	120,306.13	440,376.23	450,000.00	600,000.00
9302 · Pump Station Control Panel Upgr	2,849.95	62,832.36	85,524.81	60,000.00	40,000.00
9303 · Lateral Camera	0.00	0.00	0.00	15,000.00	0.00
9304 · Belvedere Sewer Line Rehab Prog	37,247.19	78,578.93	195,439.87	500,000.00	600,000.00
9305 · Valve/Wet Well Lid Cover Replac	0.00	0.00	0.00	0.00	0.00
9306 · PS Pump & Valve Replacement	26,847.24	50,938.12	48,660.54	75,000.00	50,000.00
9307 · PS Generator Replacement	0.00	24,529.79	60,284.50	0.00	20,000.00
9308 · Station #5 Rebuild/4 Pumps/Gen			0.00	0.00	0.00
9308.1 · Mar West PS#5, Phase I-Design	0.00	0.00	0.00	0.00	0.00
9308 · Station #5 Rebuild/4 Pumps/Gen - Other	0.00	0.00	0.00	0.00	0.00
9308.11 · Mar West PS#5, Phase I-Constr	546,311.76	0.00	0.00	0.00	0.00
9308.2 · Mar West PS#5, Phase II-Constr	0.00	0.00	790,046.72	0.00	0.00
Total 9308 · Station #5 Rebuild	546,311.76	0.00	790,046.72	0.00	0.00
9309 · Cove Rd. BPS #1 Generator Replacement	0.00	0.00	0.00	0.00	0.00
9310 · Belv Station #13 & # 14 Comm. Project	5,134.90	0.00	0.00	47,000.00	0.00
9311.1 · Cove Rd Force Main Rplcmnt - Engineering*	27,972.25	0.00	0.00	31,450.00	0.00
9311.2 · Cove Rd Force Main Rplcmnt - Constr., Ph I	0.00	0.00	0.00	0.00	600,000.00
9312 · Force Main Rehab - Multiple Sites				0.00	400,000.00
9313 · Man Hole Rehabilitation	0.00	0.00	0.00	0.00	0.00
9314 · Portable Emergency Generators	0.00	0.00	34,462.47	0.00	0.00
9227.8 · Vehicle	44,044.40	0.00	21,785.00	0.00	300,000.00
9315 · TPS Comm/Radio Upgrade Project	0.00	33,465.60	0.00	42,000.00	0.00
Total 9300 · Pumps & Lines Capital	696,329.69	370,650.93	1,676,580.14	1,220,450.00	2,610,000.00
9400 · Paradise Cove Capital					
9402 · P.C. Flow Meter Replacement	0.00	0.00	0.00	0.00	10,000.00
9403 · P.C. Influent Wet Well Access Rplcmnt	0.00	0.00	0.00	0.00	25,000.00
9404 · P.C. Communications Upgrade	0.00	0.00	0.00	0.00	20,000.00
9405 · P.C. Generator Replacement	9,090.07	49,903.24	899.22	0.00	0.00
9410 · P.C. U.V. Disinfection	5,935.88	0.00	0.00	0.00	0.00
9415 · P.C. Painting @ Plant	0.00	0.00	0.00	0.00	75,000.00
Total 9400 · Paradise Cove Capital	15,025.95	49,903.24	899.22	0.00	130,000.00

	Actuals FY15-16	Actuals FY16-17	Estimate FY17-18	Estimate FY18-19	Budget FY18-19
9500 · Undesignated Capital					
9510 · Undesignated Cap - M.P.	15,204.52	0.00	33,817.00	0.00	25,000.00
9520 · Undesignated Cap - P.C. Plant	11,827.00	6,357.50	0.00	0.00	10,000.00
9540 · Undesignated Cap -Tiburon	0.00	0.00	0.00	8,902.30	25,000.00
9550 · Undesignated Cap - Belvedere	13,167.82	0.00	0.00	23,577.60	25,000.00
Total 9500 · Undesignated Capital	40,199.34	6,357.50	33,817.00	32,479.90	85,000.00
0224 · MPR Project	0.00	0.00	0.00	0.00	0.00
9612 · Office/Access - Construction	0.00	0.00	0.00	0.00	0.00
Total 9600 · Main Plant Other Capital	0.00	0.00	0.00	0.00	0.00
Total 9100 · Capital Expenditures	792,281.15	524,646.65	1,814,659.51	1,338,615.70	3,090,000.00
9700 · Debt Service					
9720 · Belvedere Loan					
9723 · Belvedere WestAm Loan Prin	131,429.26	0.00	0.00	0.00	0.00
Total 9720 · Belvedere Loan	131,429.26	0.00	0.00	0.00	0.00
9730 · Debt Service - MPR Project					
9731 · Debt Service MPR Bond Principal	445,000.00	450,000.00	450,000.00	460,000.00	470,000.00
9732 · Debt Service MPR Bond Interest	409,479.10	391,996.84	374,067.94	339,950.00	330,650.00
Total 9730 · Debt Service - MPR Project	854,479.10	841,996.84	824,067.94	801,000.00	801,700.00
Total 9700 · Debt Service	985,908.36	841,996.84	824,067.94	801,000.00	801,700.00
Total CAPITAL Expense	1,778,190.00	1,366,640.00	2,600,320.00	2,139,610.00	3,891,700.00

Total Ops & Capital Expense	6,183,400.00	10%	4,632,360.00	75%	6,553,260.00	141%	5,544,107.00	85%	7,604,106.00
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Total Ops & Capital Net Income	342,315.00	-78%	1,942,575.19	567%	444,228.00	23%	1,558,563.00	351%	-1,268,140.00
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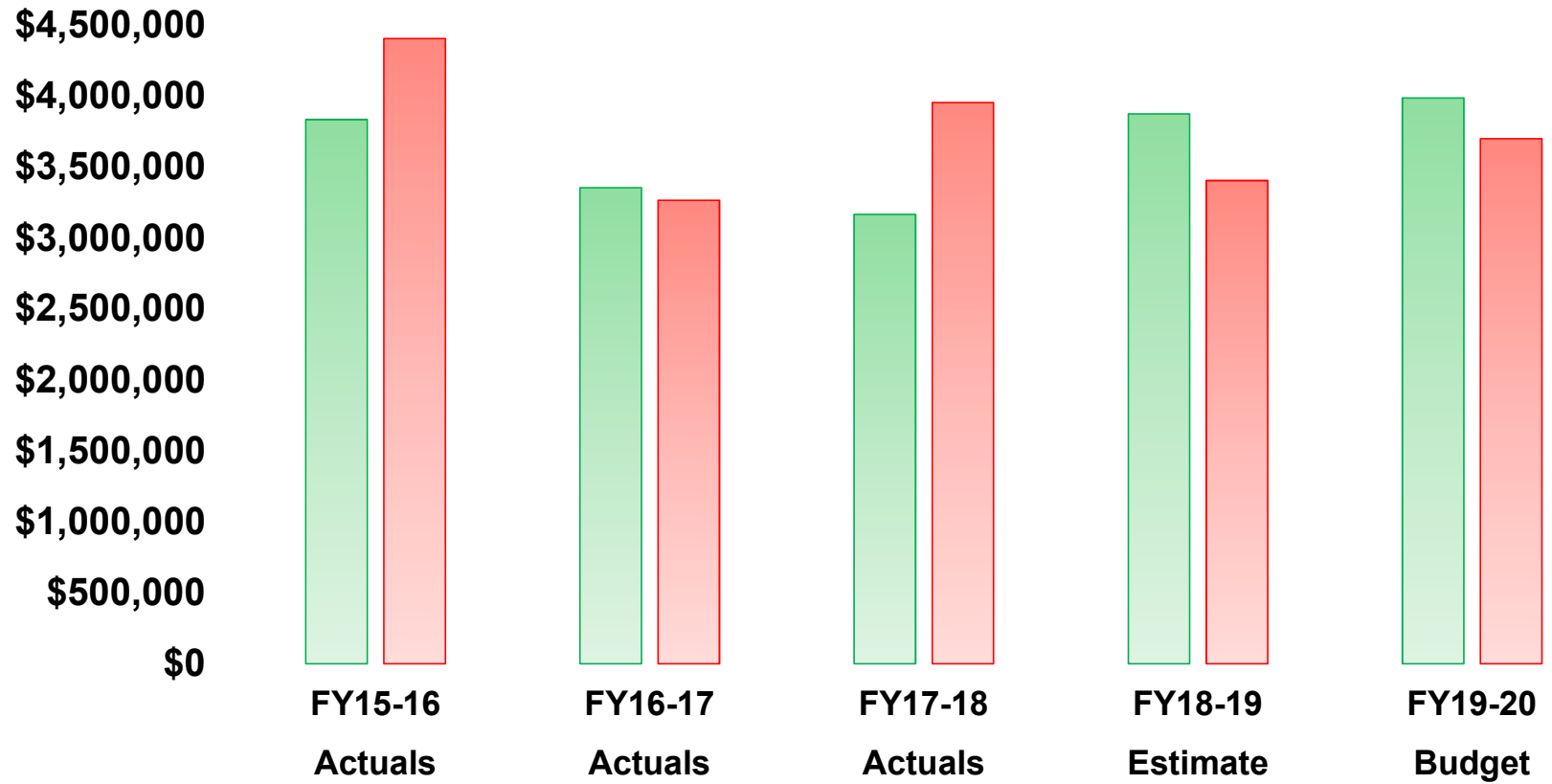
Sanitary District No. 5 of Marin County

Operating vs. Capital Comparisons

FY 2015/2016 – FY2019/2020

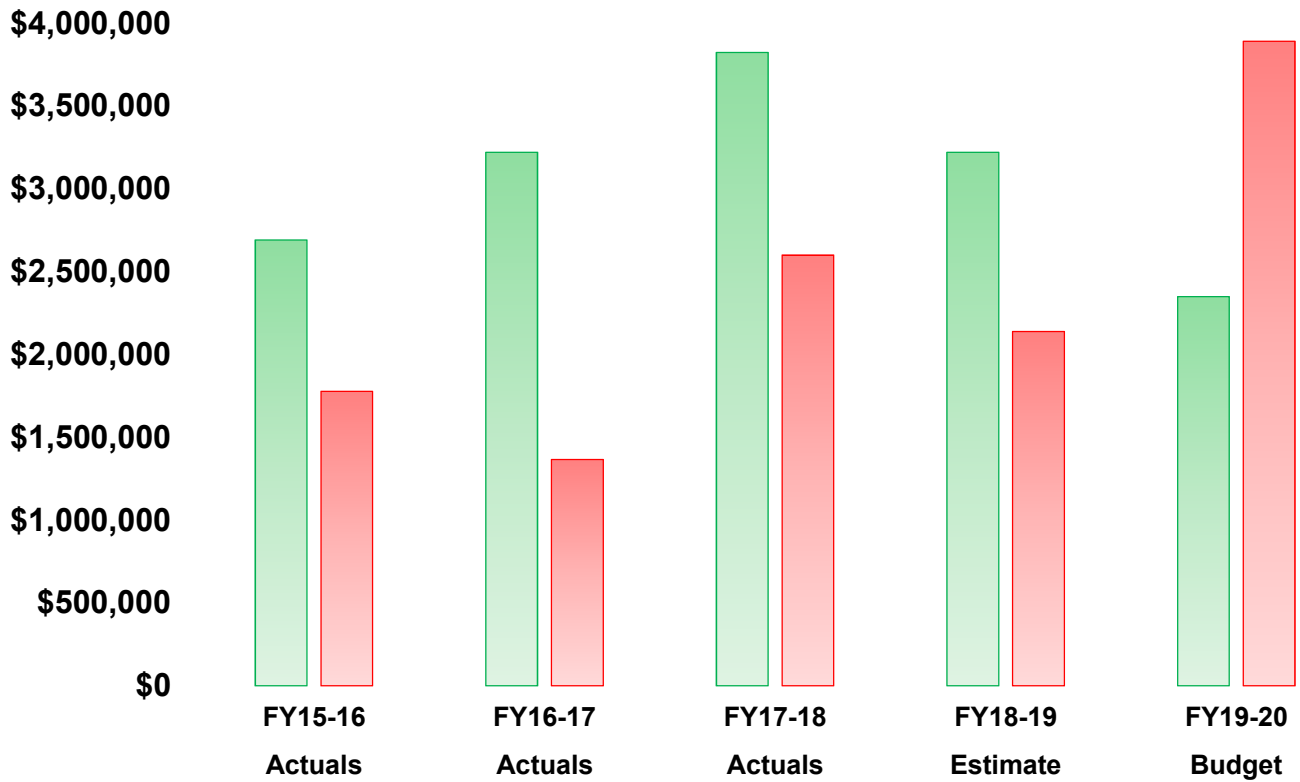
	Actuals FY15-16	Actuals FY16-17	Actuals FY17-18	Estimate FY18-19	Budget FY19-20
Total Ops Income	\$3,833,880	\$3,353,195	\$3,165,873	\$3,873,816	\$3,986,344
Total Ops Expenses	\$4,405,210	\$3,265,720	\$3,952,940	\$3,404,497	\$3,698,450

SD5 Five-Year Operating Comparison



	Actuals FY15-16	Actuals FY16-17	Actuals FY17-18	Estimate FY18-19	Budget FY19-20
Total Capital Income	\$2,691,835	\$3,221,742	\$3,824,115	\$3,221,304	\$2,349,622
Total Capital Expenses	\$1,778,190	\$1,366,640	\$2,600,320	\$2,139,610	\$3,891,700

SD5 Five-Year Capital Comparison



Sanitary District No. 5 of Marin County

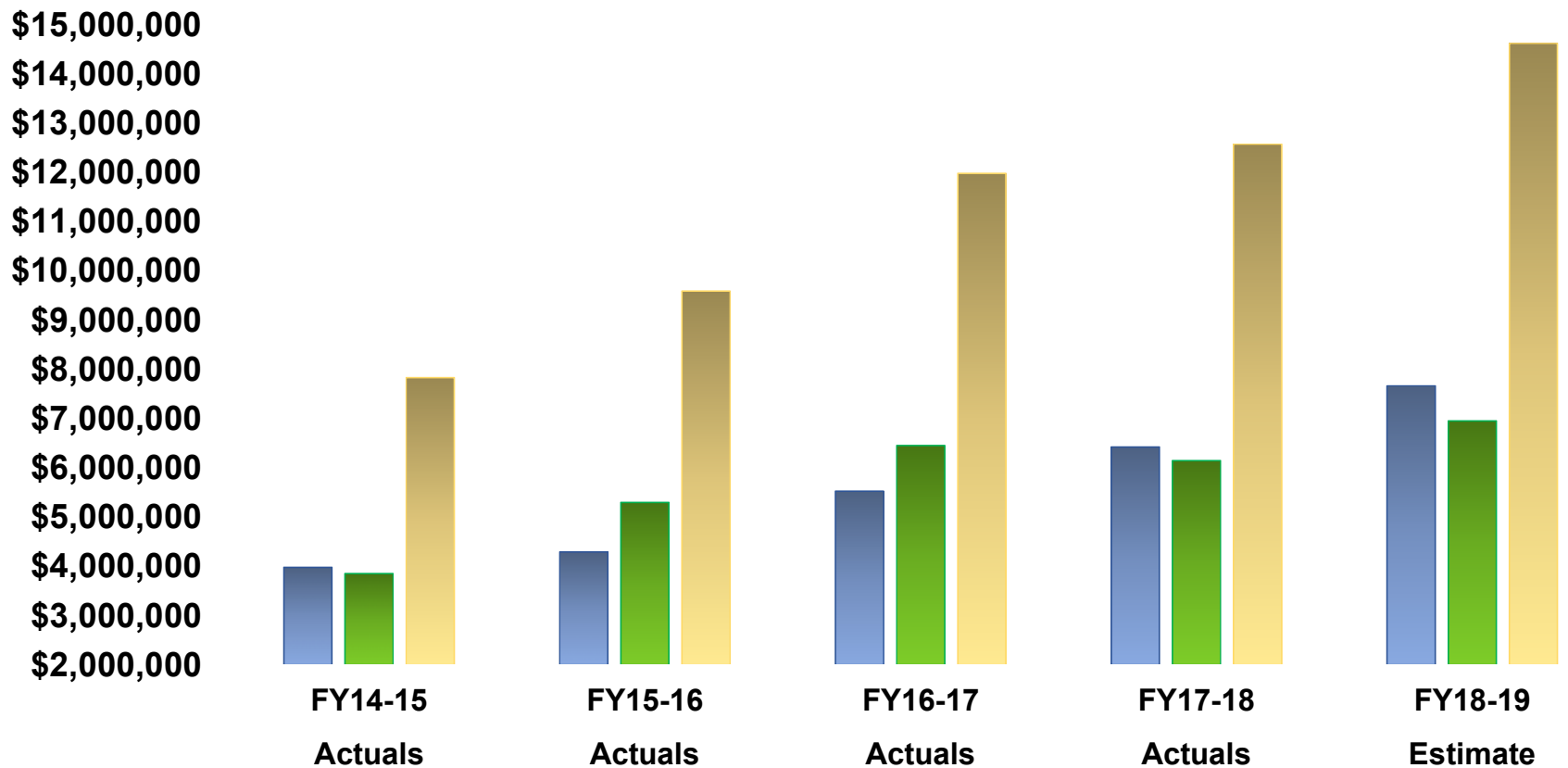
Five-Year History:

Local Agency Investment Fund (LAIF) Comparison

FY 2015/2016 – FY2019/2020

	Actuals FY14-15	Actuals FY15-16	Actuals FY16-17	Actuals FY17-18	Estimate FY18-19
Total LAIF - Belvedere	\$3,979,963	\$4,293,018	\$5,525,448	\$6,424,672	\$7,667,192
Total LAIF - Tiburon	\$3,852,320	\$5,296,367	\$6,453,225	\$6,147,834	\$6,951,789
SD5 LAIF Balance	\$7,832,283	\$9,589,385	\$11,978,673	\$12,572,505	\$14,618,981

SD5 LAIF Five-Year History



Sanitary District No. 5 of Marin County

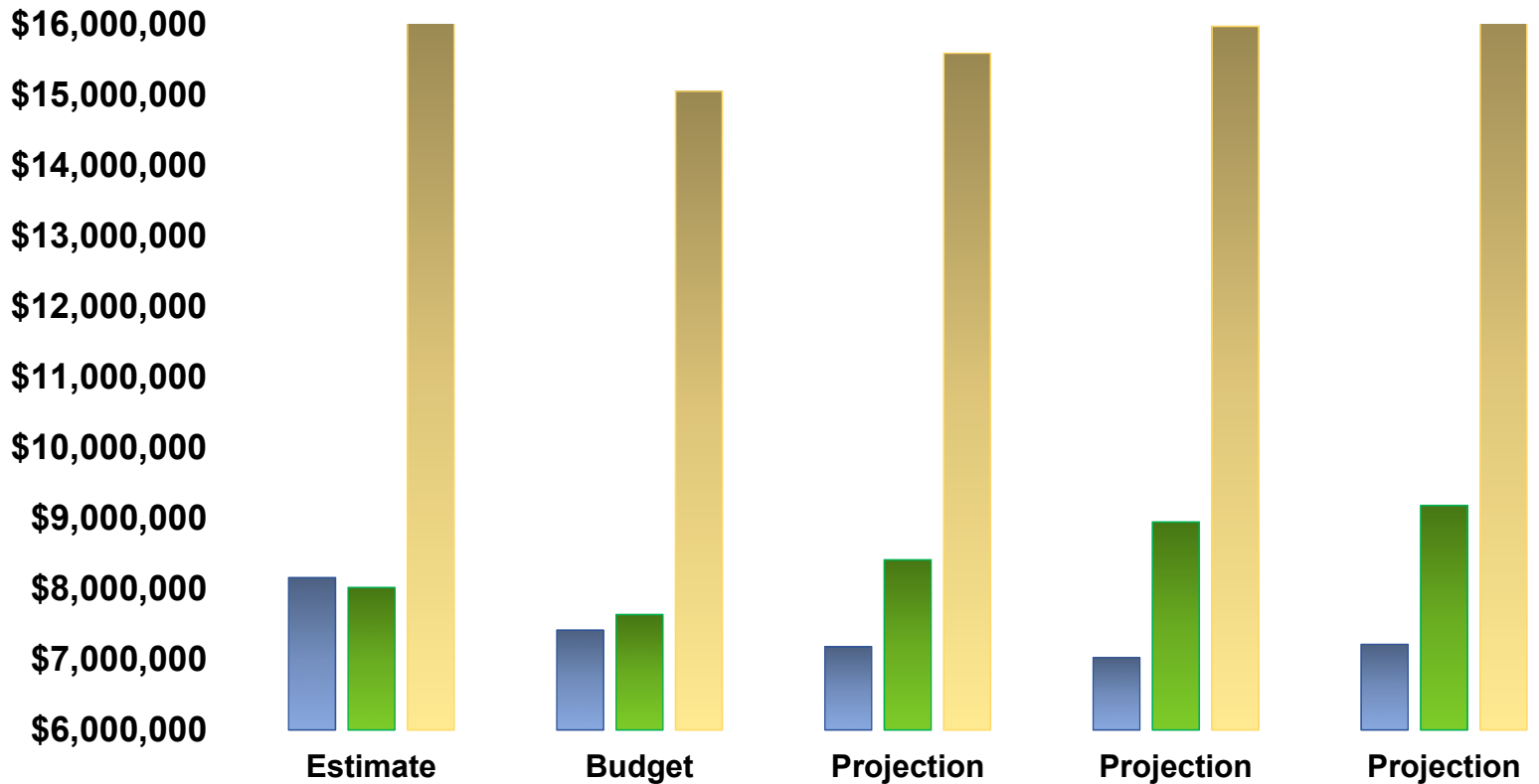
Five-Year Projection:

Local Agency Investment Fund (LAIF) & Cash Comparison

FY 2018/2019 – FY2023/2024

	Estimate FY18-19	Budget FY19-20	Projection FY17-18	Projection FY18-19	Projection FY19-20
Total Belvedere LAIF + Cash Balance	\$8,158,922	\$7,413,994	\$7,179,502	\$7,025,268	\$7,213,796
Total Tiburon LAIF + Cash Balance	\$8,018,621	\$7,635,409	\$8,410,536	\$8,945,696	\$9,182,335
Total SD5 LAIF + Cash Balance	\$16,177,543	\$15,049,403	\$15,590,039	\$15,970,964	\$16,396,131

SD5 Five-Year LAIF + Cash Projections



SD5 CASH BALANCE PROJECTIONS

	<u>Estimate</u> <u>FY2018-2019</u>	<u>Budget</u> <u>FY2019-2020</u>	<u>FY2020-2021</u>	<u>FY2021-2022</u>	<u>FY2022-2023</u>	<u>FY2023-2024</u>
Belvedere Property Tax Income	0.00	0.00	0.00	0.00	0.00	0.00
Tiburon Property Tax Income	1,169,280.48	1,192,666.09	1,216,519.41	1,240,849.80	1,265,666.80	1,290,980.13
Belvedere Sewer Service Charge Income	2,312,310.05	2,312,310.05	2,312,310.05	2,312,310.05	2,312,310.05	2,312,310.05
Tiburon Sewer Service Charge Income	2,691,531.07	2,691,531.07	2,691,531.07	2,691,531.07	2,691,531.07	2,691,531.07
Belvedere Operating Expense	1,192,340.15	1,368,021.61	1,409,062.26	1,451,334.13	1,494,874.15	1,539,720.38
Tiburon Operating Expense	2,212,157.29	2,344,384.39	2,414,715.92	2,487,157.40	2,561,772.12	2,638,625.28
Belvedere Capital Expense	657,344.60	1,420,550.00	770,000.00	700,000.00	320,000.00	300,000.00
Tiburon Capital Expense	595,580.00	1,239,450.00	200,000.00	375,000.00	625,000.00	625,000.00
Paradise Cove Capital Expense	0.00	140,000.00	275,000.00	285,000.00	60,000.00	10,000.00
Main Plant Capital Expense	85,685.80	265,000.00	230,000.00	65,000.00	50,000.00	275,000.00
Belvedere MPR DEBT CIP	282,112.20	291,163.74	281,742.39	290,906.63	290,212.80	288,275.70
Tiburon MPR DEBT CIP	518,887.80	535,536.26	518,207.61	535,063.37	533,787.20	530,224.30
Belvedere Total Income	2,655,127.05	2,432,460.05	2,312,310.05	2,312,310.05	2,312,310.05	2,312,310.05
Belvedere Total Expense	2,163,397.87	3,177,387.85	2,546,801.65	2,466,544.26	2,123,781.95	2,230,818.58
Belvedere Net Income	491,729.18	(744,927.80)	(234,491.60)	(154,234.21)	188,528.10	81,491.47
Belvedere LAIF (Cash) + Net Income	8,158,921.55	7,413,993.75	7,179,502.15	7,025,267.94	7,213,796.03	7,295,287.51
Tiburon Total Income	4,447,542.55	3,903,506.16	3,908,050.48	3,932,380.87	3,957,197.87	3,982,511.20
Tiburon Total Expense	3,380,709.97	4,286,718.15	3,132,923.53	3,397,220.76	3,720,559.32	3,793,849.58
Tiburon Net Income	1,066,832.58	(383,211.99)	775,126.95	535,160.11	236,638.55	188,661.62
Tiburon LAIF (Cash) + Net Income	8,018,621.39	7,635,409.40	8,410,536.35	8,945,696.46	9,182,335.01	9,370,996.62
SD5 TOTAL CASH BALANCE	16,177,542.94	15,049,403.15	15,590,038.50	15,970,964.40	16,396,131.04	16,666,284.13

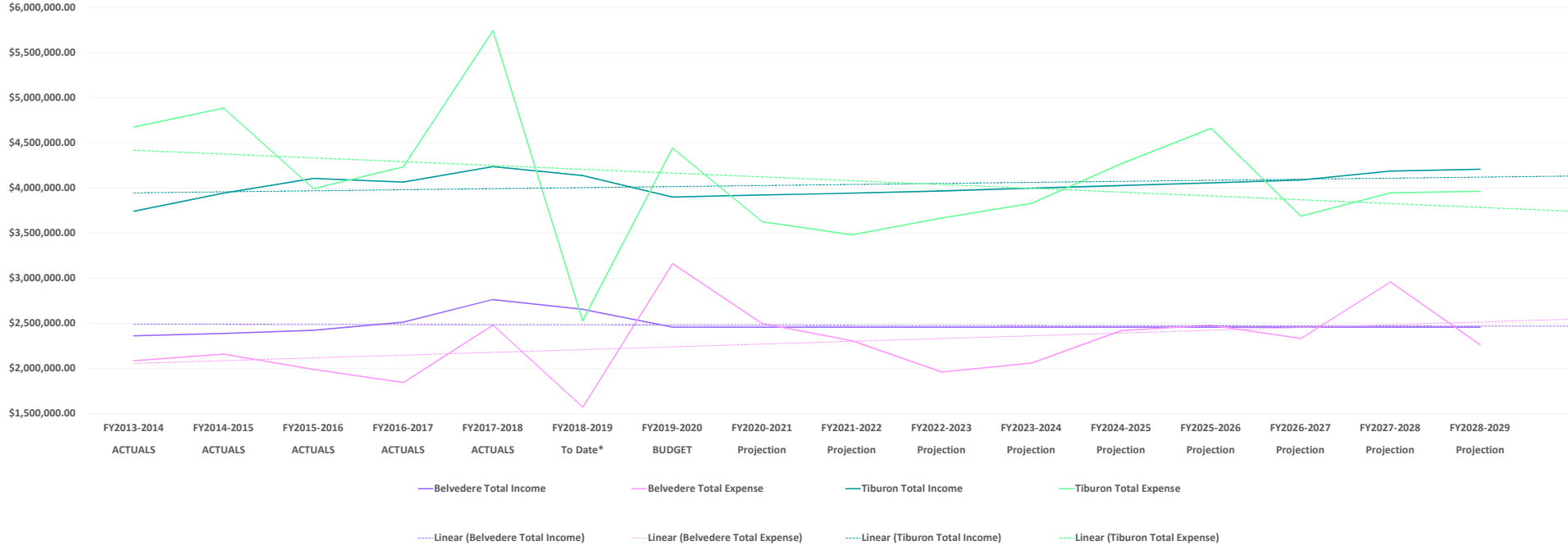
Sanitary District No. 5 of Marin County

**Income & Expense History & Projection:
Tiburon & Belvedere**

FY2013/2014 – FY2022/2023

	ACTUALS FY2013-2014	ACTUALS FY2014-2015	ACTUALS FY2015-2016	ACTUALS FY2016-2017	ACTUALS FY2017-2018	To Date*	BUDGET FY2019-2020	Projection FY2020-2021	Projection FY2021-2022	Projection FY2022-2023	Projection FY2023-2024	Projection FY2024-2025	Projection FY2025-2026	Projection FY2026-2027	Projection FY2027-2028	Projection FY2028-2029
Tiburon Total Inc	\$ 3,742,122.60	\$ 3,941,003.90	\$ 4,105,566.41	\$ 4,063,999.16	\$ 4,234,617.09	4,135,721.71	3,897,729.00	3,920,032.00	3,942,781.00	3,965,985.00	3,995,985.00	4,025,985.00	4,055,985.00	4,085,985.00	4,185,985.00	4,205,985.00
Tiburon Total Exp	\$ 4,675,011.26	\$ 4,882,234.47	\$ 3,992,175.94	\$ 4,232,123.97	\$ 5,744,543.40	2,526,254.68	4,440,260.00	3,624,511.00	3,479,122.00	3,664,643.00	3,827,620.00	4,266,466.00	4,660,172.00	3,684,803.00	3,945,430.00	3,962,372.00
Belvedere Total In	\$ 2,360,298.22	\$ 2,386,625.68	\$ 2,420,148.14	\$ 2,510,937.06	\$ 2,762,519.03	2,653,620.19	2,455,642.00	2,455,642.00	2,455,642.00	2,455,642.00	2,455,642.00	2,455,642.00	2,455,642.00	2,455,642.00	2,455,642.00	2,455,642.00
Belvedere Total E:	\$ 2,083,580.41	\$ 2,156,270.64	\$ 1,986,147.00	\$ 1,841,068.00	\$ 2,477,451.54	1,569,588.14	3,160,158.00	2,497,520.00	2,305,571.00	1,959,195.00	2,057,986.00	2,418,228.00	\$2,475,708.00	\$2,329,462.00	\$2,959,528.00	\$2,260,446.00

SD5 History & Projections



* FY18-19 Numbers as of 5.14.19