

Sanitary District No. 5 of Marin County

**Fiscal Year 2022-2023 Budget
June 16, 2022**

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Sanitary District No. 5 of Marin County

Consolidated Budget FY 2022-2023

Income	2021-2022 Budget	2021-2022 Actuals *	2022-2023 Budget	% Diff.	Tib Zone	Belv Zone
Property Taxes	981,933	1,441,632	1,185,133	21%	1,185,133	0
Tib Sewer Service Charge Revenue	2,333,700	2,590,175	2,406,700	3%	2,406,700	0
Belv Sewer Service Charge Revenue	2,166,300	2,347,630	2,176,300	0%	0	2,176,300
Interest	100,000	36,253	100,000	0%	63,090	36,910
Treatment & Collection Fees	200,000	446,245	250,000	25%	148,625	101,375
Paradise Sewer Extension Fees	14,040	-	-	-100%	0	0
Other Income	100	-	100	0%	63	37
Connection & Inpsection Permit Fees	27,000	23,500	20,000	-26%	12,618	7,382
SASM Expense Reimbursement	100,000	104,044	100,000	0%	58,501	41,499
Total Budgeted Income	5,923,073	6,989,479	6,238,233	5%	3,874,730	2,363,503
Expense						
Operating Expenses	4,023,341	4,345,560	4,456,229 ***	11%	2,673,710	1,782,519
Capital Expenses	2,688,740	1,454,560	3,535,410	31%	2,209,430	1,325,980
Total Budgeted Expenses	6,712,081	5,800,120	7,991,639	19%	4,883,140	3,108,499
Net Ordinary Income	-789,008	1,189,359	-1,753,406	122%	-1,008,410	-744,996

* Actual numbers are based on estimates, as of 4.18.2022

*** Operating Expenses does not include CalPERS Reserve Funding for FY22-23

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

**Operating Budget
FY 2022- 2023**

Operating Assumptions

Operating Revenue Assumptions:

- Paradise Cove flow represents 2.5% 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)
- Belvedere Sewer Service Charge is \$1,985 per EDU. 76.361% 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 0.35% for FY 2022-2023
- “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 5.0% COLA increase
- PERS Classic Members’ Employer Contribution Retirement rate is 14.03%, and Employer-paid Employee Contribution rate is 7.96% for FY 2022-2023
- SD5 PERS Classic Members/Employees are scheduled for 5.00% reimbursement to the District for Employer-paid Employee Contribution rate
- Workers compensation premium based on 3.11% select combined rate (sanitation, clerical, sales (ie., management), and engineering), with an 0.88% experience modification factor
- Paradise Cove operating expense is 2.5% of operating expenses in applicable District-wide categories; this is based on Paradise Cove's average annual percentage of influent flow from the 2021 calendar year
- Belvedere operating expense is 41.5% of main plant-related categories, and 40.55% of expenses that pertain to all three zones; this is based on Belvedere's average annual percentage of influent flow from the 2021 calendar year
- CalPERS Reserve fully funded at 100.00% as of 6.30.2022

Formulas for Determining Percentage Breakdowns (Operating & Capital)

Belvedere only = 100% ❖ Tiburon only = 100% ❖ Paradise Cove only = 100%
Shared (3-way): Belvedere ❖ Tiburon ❖ Paradise Cove = 40.55% ❖ 56.95% ❖ 2.5%
Shared (2-way): Belvedere ❖ Tiburon = 41.50% ❖ 58.50%
Shared (2-way): Tiburon ❖ Paradise Cove = 95.73% ❖ 4.27%

2021-2022 Operations Budget	2021-2022 Estimated to Close	2022-2023 Operations Budget		Breakdown by Zone		
				Tib Ops	P.C. Ops	Belv Ops

Operating Income

Tiburon Sewer Service Charge - Ops	2,283,000	2,548,463	2,368,000	3.7%	2,266,886	101,114	
Belvedere Sewer Service Charge - Ops	1,300,000	1,447,173	1,570,581	20.8%			1,570,581
Other User Fees	38,700	41,712	38,700	0.0%	38,700		
Interest Earnings	100,000	36,253	100,000	0.0%	56,950	2,500	40,550
Connection & Inspection Permit Fees	27,000	23,500	20,000	-25.9%	11,390	500	8,110
SASM Expense Reimbursement	100,000	104,044	100,000	0.0%	58,501		41,499
Other Income	100	0	100	0.0%	57	3	41
Total Income	3,848,800	4,201,145	4,197,380	9.1%	2,432,484	104,116	1,660,781

2021-2022 Operations Budget	2021-2022 Estimated to Close	2022-2023 Operations Budget		Breakdown by Zone		
				Tib Ops	P.C. Ops	Belv Ops

Expense

Administrative Expenses

Advertising	1,000	1,250	1,000	0.0%	570	25	406
Audit & Accounting	40,000	29,155	40,000	0.0%	22,780	1,000	16,220
Consulting Fees	100,000	40,000	100,000	0.0%	56,950	2,500	40,550
Travel & Meetings	15,000	20,000	17,000	13.3%	9,682	425	6,894
Continuing Education	10,000	3,500	10,000	0.0%	5,695	250	4,055
County Fees	0	16,250	16,590	100.0%	15,882	708	0
Directors Fees	9,000	7,300	9,000	0.0%	5,126	225	3,650
Dues & Subscriptions	31,000	25,000	31,000	0.0%	17,655	775	12,571
Elections	0	0	9,000	0.0%	5,126	225	3,650
Insurance PLP General Liability	45,000	49,073	85,000	88.9%	48,408	2,125	34,468
PLP (GL) Rating Adjustments							
PLP (GL) Dividends							
Insurance APIP (Real) Property	25,000	36,699	25,000	0.0%	14,238	625	10,138
Insurance Damage - Auto	4,000	9,578	4,500	11.1%	2,563	113	1,825
Legal	50,000	27,500	50,000	0.0%	28,475	1,250	20,275
Office Supplies	10,000	8,000	10,000	0.0%	5,695	250	4,055
Postage	1,000	900	1,200	16.7%	683	30	487
Pollution Prevention	5,000	2,500	5,000	0.0%	2,848	125	2,028
Miscellaneous Expense	0	0	0				
Total Administrative	346,000	276,705	414,290	16.5%	242,372	10,651	161,267

Ops & Maintenance Expenses

Pumps & Lines Maintenance

Pumps & Lines Maintenance	75,000	199,000	100,000	25.0%	56,950	2,500	40,550
Emergency Line Repairs	50,000	34,000	50,000	0.0%	25,000		25,000
Total Pumps & Lines Maintenance	125,000	233,000	150,000	16.7%	81,950	2,500	65,550

2021-2022 Operations Budget	2021-2022 Estimated to Close	2022-2023 Operations Budget		Breakdown by Zone		
				Tib Ops	P.C. Ops	Belv Ops

Main Plant Maintenance

Plant Maintenance Supplies	25,000	48,500	27,000	7.4%	15,795		11,205
Plant Maint. Parts & Service	130,000	268,000	150,000	13.3%	87,750		62,250
Janitorial Supplies & Service	9,000	6,700	9,000	0.0%	5,265		3,735
Main Plant Chemicals	111,000	148,500	120,000	7.5%	70,200		49,800
Lab Supplies & Chemicals	20,000	20,000	21,000	4.8%	12,285		8,715
Electrical & Instrument	15,000	24,500	15,000	0.0%	8,775		6,225
Grounds Maintenance	5,000	7,700	5,000	0.0%	2,925		2,075
Main Plant Sludge Disposal	41,000	44,700	50,000	18.0%	29,250		20,750
Main Plant Outfall	6,000	6,000	0	0.0%			
Total Main Plant Maintenance	362,000	574,600	397,000	8.8%	232,245	0	164,755

Paradise Cove Plant Maintenance

Paradise Parts & Service	10,000	14,000	15,000	33.3%		15,000	
Paradise Supplies & Chemicals	5,000	9,300	6,500	23.1%		6,500	
Paradise Sludge Disposal	3,000	4,100	3,000	0.0%		3,000	
Total Paradise Cove Plant Maintenance	18,000	27,400	24,500	26.5%	0	24,500	0

Monitoring

Main Plant Lab Monitoring	45,000	46,700	45,000	0.0%	26,325		18,675
Paradise Cove Monitoring	15,000	12,500	12,500	-20.0%		12,500	
Main Plant Outfall: SASM	0	0	0	0.0%	0		0
Total Monitoring	60,000	59,200	57,500	-4.3%	26,325	12,500	18,675

	2021-2022 Operations Budget	2021-2022 Estimated to Close	2022-20223 Operations Budget		Breakdown by Zone		
					Tib Ops	P.C. Ops	Belv Ops
Permits/Fees							
Main Plant NPDES Renewal	0	850	40,000	100.0%	23,400		16,600
Permits/Fees - General	50,000	46,400	50,000	0.0%	29,250		20,750
Paradise Cove Permits/Fees	9,000	4,600	9,000	0.0%		9,000	
Paradise Cove NPDES Renewal	40,000	0	0	0.0%			
Total Permits/Fees	99,000	51,850	99,000	0.0%	52,650	9,000	37,350
Truck Maintenance							
Fuel	10,000	0	15,000	33.3%	8,543	375	6,083
Truck Maintenance	15,000	0	20,000	25.0%	11,390	500	8,110
Total Truck Maintenance	25,000	0	35,000	28.6%	19,933	875	14,193
Total Ops & Maintenance Expenses	689,000	946,050	763,000	9.7%	413,103	49,375	300,523
Salaries & Benefits							
Salaries	1,353,783	1,186,800	1,504,000	10.0%	856,528	37,600	609,872
Overtime	100,000	220,000	125,000	20.0%	71,188	3,125	50,688
Standby Pay	74,261	78,000	80,000	7.2%	45,560	2,000	32,440
Employee Incentives	70,000	54,500	60,000	-16.7%	34,170	1,500	24,330
Vacation Buyout	30,000	44,000	65,000	53.8%	37,018	1,625	26,358
Payroll Taxes	101,047	106,000	155,965	35.2%	88,822	3,899	63,244
Deffered Comp Match	0	0	78,000	100.0%	44,421	1,950	31,629
Payroll fees	6,250	6,700	7,000	10.7%	3,987	175	2,839
Car Allowance	6,000	6,000	6,000	0.0%	3,417	150	2,433
PERS Retirement							
PERS Monthly Contributions	304,705	132,000	262,992	-15.9%	149,774	6,575	106,643
PERS Replacement Benefit Fund (RLL)	350	0	350	0.0%	199	9	142
PERS UAL Payment	20,000	9,187	0	0.0%	0	0	0
SD5 Retirement Trust		0	0	0.0%	0	0	0
Total PERS Retirement	325,055	141,187	263,342	-23.4%	149,973	6,584	106,785
Employee Health, Dental, Vision, Life Ins., & LTDI	223,418	196,000	319,272	30.0%	181,825	7,982	129,465
Retiree Health	77,127	378,400	91,592	15.8%	52,162	2,290	37,141
CERBT/OPEB Current Employee Contributions	118,400	268,400	0	0.0%	0	0	0
Workers Comp Insurance	55,000	42,618	57,268	4.0%	32,614	1,432	23,222
Total Salaries & Benefits	2,540,341	2,728,605	2,812,439	9.7%	1,601,684	70,311	1,140,444

2021-2022 Operations Budget	2021-2022 Estimated to Close	2022-2023 Operations Budget		Breakdown by Zone		
				Tib Ops	P.C. Ops	Belv Ops

Other Operating Expenses

Data/Alarms/IT Support & Licensing	100,000	85,000	80,000	-25.0%	45,560	2,000	32,440
Safety	40,000	39,500	60,000	33.3%	34,170	1,500	24,330
Personal Protection Equipment/Uniforms	15,000	7,700	15,000	0.0%	8,543	375	6,083
Telephone							
Main Plant Telephones	11,000	6,600	11,000	0.0%	6,435	0	4,565
Paradise Cove Telephones	4,000	4,600	500	-700.0%	0	500	0
Pumps & Lines Telephones	7,000	6,000	7,000	0.0%	6,701	299	0
Total Telephone	22,000	17,200	18,500	-18.9%	13,136	799	4,565
Utilities							
Water	8,000	7,800	8,000	0.0%	4,680	0	3,320
Main Plant Utilities	200,000	175,000	220,000	9.1%	128,700	0	91,300
Paradise Cove Utilities	18,000	21,000	20,000	10.0%	0	20,000	0
Pump Station Utilities	45,000	41,000	45,000	0.0%	25,628	1,125	18,248
Total Utilities	271,000	244,800	293,000	7.5%	159,008	21,125	112,868
Total Other Operating Expenses	448,000	394,200	466,500	4.0%	260,416	25,799	180,285
Total Operating Expense	4,023,341	4,345,560	4,456,229	9.7%	2,517,570	156,140	1,782,519

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

**Capital Budget
FY 2022- 2023**

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 60.6% of its sewer service charge revenue to meet reserve/fund policy requirements
- Paradise Drive Sewer Line Extension Fee income estimated: 1 homes @ \$14,491.01 (3.21% 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
- Belvedere capital income is set at 23.639% of its sewer service charge revenue to meet reserve/fund policy requirements
- Paradise Drive Sewer Line Extension Fee income estimated: 1 home @ \$14,491.01 (3.21% CPI Increase) each; Vogt Extended Sewer Line Fee estimate is \$3,423.26 (5.0% negotiated annual increase) each
- Belvedere capital expense is 41.5% of total main plant-related expenditures, based on Belvedere's average annual percentage of influent flow from the 2021 calendar year
- Tiburon capital expense is 58.5% of total main plant-related expenditures, based on Tiburon's average annual percentage of influent flow from the 2021 calendar year
- The remaining (bond payments only) Tiburon Main Plant Rehabilitation (MPR) was refinanced in FY19-20. The new “MPR Refi Loan” amount for Tiburon remains at the same expense ratio (64.78%) of the total project-related expenditures, based on the MPR Bond split
- The remaining (bond payments only) Belvedere Main Plant Rehabilitation (MPR) was refinanced in FY19-20. The new “MPR Refi Loan” amount for Belvedere remains at the same expense ratio (35.22%) of the total project-related expenditures, based on the MPR Bond split

2021-2022 Capital Budget	2021-2022 Current (3/4 Thru FY)	2022-2023 Capital Budget		Breakdown by Zone		
				Tib Cap	P.C. Cap	Belv. Cap

Capital Income

Property Taxes

					Relevant Splits		
Property Tax Current Secured - Capital	825,000	904,885	875,000	6.1%	837,638	37,363	0
Prop Tax Current Unsecured	15,000	16,343	16,000	6.7%	15,317	683	0
Supplemental Assessment Current	12,000	29,327	15,000	25.0%	14,360	641	0
Supplemental Assessment Redm	0	410	0	0.0%	0	0	0
Supplemental Unsecured	300	1,007	300	0.0%	287	13	0
Prop Tax Prior Unsecured	500	954	500	0.0%	913	21	0
Excess ERAF (Educational Revenue Augmentation Fund)	300,000	476,384	275,000	-8.3%	263,258	11,743	0
HOPTR	3,333	3,675	3,333	0.0%	3,191	142	0
Other Tax (Unitary, RR, Misc.)	0	8,647	0	0.0%	0	0	0
Total Property Taxes	981,933	1,441,632	1,185,133	20.7%	1,134,528	50,605	0

Tiburon Sewer Service Charge - Capital

Tiburon Sewer Service Charge - Capital	12,000	0	0	0.0%	0	0	0
Belvedere Sewer Service Charge - Capital	866,300	900,457	605,719	-30.1%	0	0	605,719

Connection Fees

Collection	100,000	207,554	125,000	25.0%	71,188	3,125	50,688
Treatment	100,000	238,691	125,000	25.0%	71,188	3,125	50,688
Total Connection Fees	200,000	446,245	250,000	25.0%	142,375	6,250	101,375

Paradise Drive Sewer Line Extension Fees

Paradise Drive Sewer Line Extension Fees	14,040	0	0	0.0%	0	0	0
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Total Capital Income

Total Capital Income	2,074,273	2,788,333	2,040,852	-1.6%	1,276,903	56,855	707,094
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2021-2022	2021-2022	2022-2023		Breakdown by Zone		
Capital	Estimated	Capital		Tib Cap	P.C. Cap	Belv. Cap
Budget	(3/4 Thru FY)	Budget				

Capital Expenditures

Main Plant Equip Capital Expense

					Relevant Splits		
9202.1 - M.P. Drainage - Infl. Sample Rm Drain+Secondary Drain	75,000	75,000	0	0.0%	0	0	0
9202.2 - M.P. Drainage - Load-out & Filtering	30,000	26,000	0	0.0%	0	0	0
9203.0 M.P. Flare Rehabilitation		30,000	0	0.0%	0	0	0
9204.0 Boiler Replacement	0	0	0	0.0%	0	0	0
9204.1 - M.P. Boiler - Exhaust Stainless Pipling Replacement	30,000	37,600	0	0.0%	0	0	0
9205.0 - M.P. Influent Pump Replacement	40,000	41,000	0	0.0%	0	0	0
9208.0 - M.P. Chemical Feed Transfer Pump Replacement	20,000	35,000	0	0.0%	0	0	0
9209.0 - M.P. Screw Press Poly Blend Redundancy	35,000	0	0	0.0%	0	0	0
9211.0 M.P. Odor Control Upgrades	0	0	0	0.0%	0	0	0
9212.0 - M.P. Headworks Grinder Replacement	25,000	25,000	25,000	0.0%	14,625	0	10,375
9212.1 - Digester Rehab	10,000	10,000	600,000	#####	351,000	0	249,000
9212.2 - M.P. Switch Gear Upgrade/Improvements	0	0	100,000	100.0%	58,500	0	41,500
9217.0 - Maintenance Shop Replacement/Ops Control	0	2,000	0	0.0%	0	0	0
9218.0 - M.P. Generator Control Panel	0	1,500	0	0.0%	0	0	0
9219.0 - Cl2 Flash Mixer	15,000	8,600	0	0.0%	0	0	0
9220.0 - Office, Bath & Breakroom Floor Replacement	0		0	0.0%	0	0	0
9221.0 - Portable Fuel Storage Tank	0	0	0	0.0%	0	0	0
9225.94 - Bis. Server Replacement + Upgrade	0	0	0	0.0%	0	0	0
9225.95 - Dry weather Pri. Cover	0	0	100,000	100.0%	58,500	0	41,500
9229.8 - Vehicle Replacement	0	0	75,000	100.0%	42,710	1,875	30,411
Total Main Plant Equip Capital Expense	280,000	291,700	900,000	221.4%	525,330	1,880	372,790

2021-2022 Capital Budget	2021-2022 Estimated (3/4 Thru FY)	2022-2023 Capital Budget		Breakdown by Zone		
				Tib Cap	P.C. Cap	Belv. Cap
				↻ Relevant Splits ↻		
0	0	0	0.0%	0	0	0
1,000,000	0	1,000,000	0.0%	1,000,000	0	0
100,000	0	100,000	0.0%	0	0	100,000
0	7,500	0	0.0%	0	0	0
75,000	75,000	0	0.0%	0	0	0
50,000	50,000	0	0.0%	0	0	0
50,000	40,000	50,000	0.0%	25,000	0	25,000
100,000	4,000	0	0.0%	0	0	0
0	0	500,000	100.0%	0	0	500,000
0	0	0	0.0%	0	0	0
0	0	0	0.0%	0	0	0
0	0	0	0.0%	0	0	0
0	0	0	0.0%	0	0	0
75,000	33,000	75,000	0.0%	50,000	0	25,000
0	0	0	0.0%	0	0	0
0	0	0	0.0%	0	0	0
Total Pumps & Lines Capital	1,450,000	209,500	19.0%	1,075,000	0	650,000

Pumps & Lines Capital

9227.8 - Rodder / Vactor Truck

9301.0 - Tiburon Sewer Line Rehab

9304.0 - Belvedere Sewer Line Rehab

9305.0 - Valve/Wet Well Lid Cover Replacement

9305.1 - Belvedere Wet Well Rehabilitation (BPS#7)

9305.2 - Tiburon Wet Wells Rehabilitation (TPS#4)

9306.0 - PS Pump & Valve Replacement Program

9307.0 - PS Generator Replacement (BPS #1 + roof)

9309 - Cove Rd. BPS#1 - Generator Replacement

9310.0 - Belvedere Pump Station Comm. Project

9311.1 - Cove Rd. Force Main - Engineering

9311.2 - Cove Rd. Force Main - Construction

9312.0 - Force Main Rehab - Multiple Sites

9313.0 - Man Hole Rehabilitation

9314.0 - 100kw Portable Emergency Generator

9315.0 - Tiburon Pump Station Comm. Project

Total Pumps & Lines Capital

	2021-2022	2021-2022	2022-2023		Breakdown by Zone		
	Capital Budget	Estimated (3/4 Thru FY)	Capital Budget		Tib Cap	P.C. Cap	Belv. Cap
Paradise Cove Capital					↻ Relevant Splits ↻		
9401.0 - P.C. Sewer Line Rehab	0	0	0	0.0%	0	0	0
9403.1 - P.C. Communications Upgrade - Cellular	20,000	37,000	0	0.0%	0	0	0
9406.0 - P.C. Grit Removal	0	0	50,000	0.0%	0	50,000	0
9407.1 - P.C. Pump Replacement	0	0	25,000	0.0%	0	25,000	0
9415.0 - P.C. Paint at Treatment Plant	0	0	0	0.0%	0	0	0
Total Paradise Cove Capital	20,000	37,000	75,000	0.0%	0	75,000	0
Undesignated Capital					↻ Relevant Splits ↻		
Undesignated Cap - Main Plant	25,000	27,000	25,000	0.0%	14,625	0	10,375
Undesignated Cap - Paradise Cove Plant	10,000	0	0	0.0%	0	-	0
Undesignated Cap - P&L	50,000	137,000	50,000	0.0%	25,000	0	25,000
Total Undesignated Capital	85,000	164,000	75,000	0.0%	39,625	0	35,375
Debt Service					↻ Relevant Splits ↻		
Debt Service - MPR Bond Principal							
Debt Service - MPR Bond Interest	950		0	0.0%	0		0
Debt Service - MPR Bond REFI Principal	595,000	580,000	610,000	2.5%	395,158		214,842
Debt Service - MPR Bond REFI Interest	157,790	172,360	150,412	-4.7%	97,437		52,975
Total Debt Service	753,740	752,360	760,412	0.9%	492,595	0	267,817
Total Capital Expenditures	2,688,740	1,454,560	3,535,410	23.9%	2,132,550	76,880	1,325,980

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

**Five-Year History: Detailed Comparison
FY 2017/2018 – FY2021/2022**

		Actuals FY17-18	Actuals FY18-19	Actuals FY19-20	Actuals FY20-21	ESTIMATED Actuals FY21-22	Budget Estimates FY22-23
Ordinary Income/Expense							
Income							
5000 · Property Taxes							
5001.2 · Prop Tax Current Secured - Cap		747,671.64	802,789.43	825,273.51	869,067.25	904,885.00	875,000.00
5002 · Prop Tax Current Unsecured		13,400.78	14,602.17	15,490.09	16,276.23	16,343.00	16,000.00
5003 · Prop Tax Prior Unsecured		790.81	577.23	623.98	493.50	954.00	500.00
5006 · Suppl Unsecured		914.69	153.53	1,329.82	911.31	1,007.00	300.00
5041 · Suppl Assessment - Current		18,450.91	17,833.96	17,938.81	17,427.22	29,327.00	15,000.00
5043 · Suppl Assessment - Redemption		0.00	576.94	351.60	86.54	409.51	
5046 · Excess ERAF		322,493.70	368,831.93	347,087.15	388,631.21	476,384.00	275,000.00
5280 · HOPTR		3,773.58	3,748.37	3,727.82	3,689.47	3,675.00	3,333.00
5483 · Other Tax (Unitary, RR, Misc.)		5,970.54	6,809.63	8,369.56	7,121.40	8,647.00	4,000.00
Total 5000 · Property Taxes	3.00%	1,113,114.03	#REF! 1,215,923.19	1,220,192.34	1,303,704.00	1,441,631.00	\$1,189,133.00
5007 · Sewer Service Charge							
5007.1 · Sewer Service - Tiburon Ops		1,782,023.48	2,013,740.22	2,457,932.86	2,458,697.32	2,548,463.00	2,368,000.00
5007.5 · Sewer Service - Tiburon Cap		945,393.11	461,737.65	223,392.96	115,887.52	0.00	0.00
5007.2 · Sewer Service-Belv Ops		1,102,361.07	1,359,848.48	1,392,534.36	1,388,618.01	1,447,173.08	1,570,581.00
5007.3 · Sewer Service-Belv Cap		1,258,777.49	960,118.22	920,645.65	913,865.48	900,456.97	605,719.00
5007.4 · Other User Fees		24,826.00	228,464.88	42,021.76	41,711.56	41,712.00	38,700.00
Total 5007 · Sewer Service Charge		5,113,381.15	5,023,909.45	5,036,527.59	4,918,780.00	4,937,805.00	4,583,000.00
5201 · Interest							
5201.1 · Interest County of Marin		323.86	1,778.65	0.00	136.53	0.00	
5201.2 · Interest LAIF		156,338.13	303,511.86	280,649.26	78,026.33	36,253.00	100,000.00
Total 5201 · Interest		156,661.99	305,290.51	280,649.26	78,163.00	36,253.00	100,000.00
5900.3 · Connection Fees							
5900.30 · Connection Permit Fees		9,500.00	5,250.00	16,752.00	21,727.00	12,250.00	10,000.00
5900.31 · Collection		248,652.00	196,705.00	179,736.81	113,562.86	207,554.00	125,000.00
5900.34 · Treatment		257,826.00	320,389.00	212,785.19	155,444.14	238,691.00	125,000.00
Total 5900.3 · Connection Fees		515,978.00	522,344.00	409,274.00	290,734.00	458,495.00	260,000.00
5900.4 · Inspection Permit Fees		16,700.00	22,990.00	16,174.00	24,870.50	11,250.00	10,000.00
5900.5 · SASM Expense Reimb.		83,300.61	85,202.00	65,504.74	52,736.33	104,044.00	100,000.00
5900.9 · Other Income		0.00	0.00	100.00	0.00	0.00	100.00
5900.10 · Paradise Sewer Line Ext. Fees		0.00	0.00	13,364.00	13,806.00	0.00	0.00
Total Ops & Capital Income	4.00%	6,999,136.00	#REF! 7,175,659.00	2.52% 7,041,786.00	-1.87% 6,682,794.00	-5.10% 6,989,478.00	4.59% \$6,242,233.00

Expense	Actuals FY17-18	Actuals FY18-19	Actuals FY19-20	Actuals FY20-21	Budget FY21-22	Estimate FY22-23
6000 · Administrative Expenses						
6001 · Advertising	171.24	1,428.77	422.85	690.00	1,250.00	1,000.00
6008 · Audit & Accounting	25,666.11	25,052.03	27,848.17	28,350.03	29,155.00	40,000.00
6017 · Consulting Fees	130,145.58	101,260.61	138,030.88	363,035.34	40,000.00	100,000.00
6018 · Travel & Meetings						
6018 ·1 Travel & Meetings - Other	6,905.03	6,133.68	5,988.32	10,869.19	12,000.00	7,000.00
6018.2 · Standby Mileage Expense Reimb	6,377.62	7,765.05	7,785.45	9,115.08	8,000.00	10,000.00
Total 6018 · Travel & Meetings	13,282.65	13,898.73	13,805.99	19,984.27	20,000.00	17,000.00
6020 · Continuing Education	5,282.98	4,772.91	6,417.44	4,844.33	3,500.00	10,000.00
6021 · County Fees	16,702.69	17,230.26	15,950.36	16,570.52	16,250.00	16,590.00
6024 · Director Fees	6,500.00	5,700.00	7,300.00	6,800.00	7,300.00	9,000.00
6025 · Dues & Subscriptions	10,521.21	10,611.10	20,333.64	22,899.39	25,000.00	31,000.00
6026 · Elections	0.00	2,199.28	0.00	250.00	0.00	9,000.00
6033 ·2 PLP General Liability	11,453.45	29,353.50	37,774.84	45,535.00	49,073.00	85,000.00
PLP (GL) Rating Adjustments	-4,240.00	-4,235.00	-771.00	8,204.00	0.00	
PLP (GL) Dividends	-8,962.00	-8,567.00	-9,818.00	-10,401.00	0.00	
6033 ·1 Alliant Public Entity Phys Damage (Realty)	10,745.00	12,984.00	16,214.00	23,377.31	36,699.00	25,000.00
6033 ·3 (APD) Physical Property - Auto	1,231.00	1,342.00	1,227.00	3,730.00	9,578.00	4,500.00
6039 · Legal	54,668.73	40,527.88	33,527.90	32,843.50	27,500.00	50,000.00
6047 · Office Supplies	10,667.61	3,596.03	4,043.84	9,933.87	8,000.00	10,000.00
6056 · Postage	386.56	646.67	1,589.01	1,183.51	900.00	1,200.00
6059 · Pollution Prevention/Public Edu	2,346.80	4,141.94	2,429.92	5,018.19	2,500.00	5,000.00
6065 · Miscellaneous Expense	0.00	151.00		0.00	0.00	0.00
Total 6000 · Administrative Expenses	286,570.00	262,095.00	316,327.00	582,848.00	276,705.43	414,290.00
7000 · Ops & Maintenance Expenses						
7010 · Pumps & Lines Maintenance						
7011 · Pumps & Lines Maintenance	184,139.63	167,193.31	206,314.25	90,898.24	199,000.00	100,000.00
7013 · Emergency Line Cleaning/Repair	84,393.61	46,160.51	33,294.64	31,032.57	34,000.00	50,000.00
7015 · Inflow & Infiltration Study	0.00	0.00	0.00	0.00	0.00	0.00
Total 7010 · Pumps & Lines Maintenance	268,533.00	213,354.00	239,609.00	121,931.00	233,000.00	150,000.00
7020 · Main Plant Maintenance						
7021 · Plant Maintenance Supplies	9,408.58	7,971.94	19,431.85	22,543.00	48,500.00	27,000.00
7022 · Plant Maint. Parts & Service	58,224.01	47,313.85	129,771.23	117,066.46	268,000.00	150,000.00
7023 · Janitorial Supplies & Service	4,218.03	7,440.41	5,882.20	7,271.27	6,700.00	9,000.00
7024 · Main Plant Chemicals	102,771.14	97,497.63	94,229.90	87,773.60	148,500.00	120,000.00
7025 · Lab Supplies & Chemicals	56,438.21	18,902.70	62,744.99	13,305.04	20,000.00	21,000.00
7027 · Electrical & Instrument	1,373.17	4,620.27	5,876.28	4,068.06	24,500.00	15,000.00
7028 · Grounds Maintenance	2,162.32	3,037.58	7,890.20	6,732.87	7,700.00	5,000.00
7029 · Main Plant Sludge Disposal	26,949.06	22,334.68	33,493.32	39,493.99	44,700.00	50,000.00
7030 · Main Plant Outfall	0.00	0.00	0.00	0.00	6,000.00	
Total 7020 · Main Plant Maintenance	261,545.00	209,119.00	359,320.00	298,254.00	574,600.00	397,000.00

	Actuals FY17-18	Actuals FY18-19	Actuals FY19-20	Actuals FY20-21	Budget FY21-22	Estimate FY 22-23
7040 · Paradise Cove Plant Maint						
7041 · Paradise Parts & Service	6,468.21	3,072.15	8,994.83	15,719.61	14,000.00	15,000.00
7042 · Paradise Supplies & Chemicals	3,464.33	2,837.11	4,385.28	8,667.94	9,300.00	6,500.00
7043 · Paradise Sludge Disposal	5,520.35	8,320.56	9,845.00	2,645.00	4,100.00	3,000.00
7044 · P.C. Plant Outfall Pipeline				7,250.00	0.00	
Total 7040 · Paradise Cove Plant Maint	15,453.00	14,230.00	23,225.00	34,283.00	27,400.00	24,500.00
7050 · Monitoring						
7051 · Main Plant Lab Monitoring	39,245.25	49,644.92	45,510.27	48,524.85	46,700.00	45,000.00
7052 · Paradise Cove Monitoring	9,755.86	17,617.00	14,983.40	13,634.15	12,500.00	15,000.00
7053 · Chronic Toxicity Program Eval	1,845.00	1,845.00	1,917.50	3,379.50	5,000.00	0.00
7065 · Dilution Study		0.00	18,917.31	0.00	0.00	0.00
Total 7050 · Monitoring	50,846.00	69,107.00	81,328.00	65,539.00	64,200.00	60,000.00
7060 · Permits/Fees						
7061 · Main Plant NPDES Renewal	21,628.75	4,320.50	7,295.00	3,817.00	850.00	40,000.00
7062 · Permits/Fees - General	31,705.63	38,165.51	40,740.40	57,986.41	46,400.00	50,000.00
7063 · Paradise Cove Permits/Fees	5,913.63	5,672.48	6,175.00	7,500.18	4,600.00	9,000.00
7064 · Paradise Cove NPDES Renewal	0.00	0.00	0.00	7,233.55	0.00	0.00
Total 7060 · Permits/Fees	59,248.00	48,158.00	54,210.00	76,537.00	51,850.00	99,000.00
7070 · Truck Maintenance						
7071 · Fuel	6,947.07	6,599.36	14,932.08	9,577.13	12,000.00	15,000.00
7072 · Truck Maintenance	9,344.39	6,675.22	5,581.19	22,507.06	10,000.00	18,000.00
Total 7070 · Truck Maintenance	16,291.00	13,275.00	20,513.00	32,084.00	22,000.00	33,000.00
Total 7000 · Ops & Maintenance Expenses	671,916.00	567,243.00	778,205.00	628,628.00	973,050.00	763,500.00
8000 · Salaries and Benefits Expenses						
8001 · Salaries	969,329.98	918,999.39	1,067,517.87	1,100,328.02	1,186,800.00	1,503,999.59
8003 · Overtime	77,636.89	145,295.17	135,674.44	116,736.06	220,000.00	125,000.00
8004 · Standby Pay	66,746.35	70,268.42	71,679.14	74,045.76	78,000.00	80,000.00
8005 · Employee Incentives	0.00	5,000.00	19,500.00	27,000.00	54,500.00	60,000.00
8006 · Vacation Buyout	20,199.25	41,125.19	27,281.72	31,307.66	44,000.00	65,000.00
8013 · Payroll Taxes	90,835.07	87,995.01	98,101.49	94,060.54	106,000.00	155,965.00
Deffered Comp Mtch						78,000.00
8015 · Payroll/Bank Fees	7,990.68	3,178.18	5,939.59	6,420.96	6,700.00	7,000.00
8016 · Car Allowance	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00
8019 · PERS Retirement						
PERS Monthly Contributions	157,286.99	156,446.70	153,127.59	180,910.32	132,000.00	262,992.00
PERS Replacement Benefit Fund (RLL)	20,370.72	4,279.08	0.00	341.64	0.00	350.00
PERS Side Fund/UAL Payment	740,733.00	0.00	132,419.00	96,367.00	9,187.00	0.00
PERS UAL (SD5) Trust Fund	93,955.00	294,400.00	286,554.77	285,295.00	0.00	0.00
Total 8019 · PERS Retirement	1,012,346.00	455,126.00	572,101.00	562,914.00	141,187.00	263,342.00
8020 · Employee Health						
8020.05 · Employee Health	165,321.18	177,013.30	190,901.75	190,208.15	196,000.00	322,541.00
8021 · Employee Health Deductions	-9,380.02	-4,490.17	-2,991.36	-4,748.05	-2,500.00	-2,500.00
Total 8020 · Employee Health	155,941.00	172,523.00	187,910.00	185,460.00	193,500.00	319,272.00
8022 · Retiree Health	53,670.16	54,508.84	95,745.21	57,662.98	110,000.00	91,592.00
CERBT/OPEB Retiree Annual Arc Contribution*	65,700.00	66,644.28	70,200.00	72,400.00	268,400.00	0.00
Total 8022 · Retiree Health	119,370.00	121,153.00	165,945.00	130,063.00	378,400.00	91,592.00
8023 · Workers Comp Insurance	18,905.00	19,055.00	30,735.94	39,318.00	42,618.00	57,258.00
W.C. Rating Adjustments	-6,551.00	880.00		1,694.00	0.00	
W.C. Dividend +/- Rebate	-2,322.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00
Total 8023 · Workers Comp Insurance	10,032.00	17,935.00	28,736.00	39,012.00	42,618.00	55,258.00
Total 8000 · Salaries and Benefits Expenses	2,664,670.00	2,044,598.00	2,386,386.00	2,373,348.00	2,457,705.00	2,810,429.00

	Actuals FY17-18	Actuals FY18-19	Actuals FY19-20	Actuals FY20-21	Budget FY21-22	Estimates FY22-23	
8500 · Other Operating Expenses							
8510 · Data/Alarms/IT Supp & Licensing	75,105.92	92,264.32	83,779.99	101,162.02	85,000.00	80,000.00	
8515 · Safety	11,283.79	7,595.41	23,472.06	30,100.76	39,500.00	60,000.00	
8520 · Personal Protection/Safety Wear	8,539.90	15,922.60	8,216.49	6,793.26	7,700.00	15,000.00	
8530 · Telephone							
8531 · Main Plant Telephones	8,004.61	8,161.57	9,707.08	8,994.53	6,600.00	11,000.00	
8532 · Paradise Cove Telephones	3,663.92	4,064.58	3,814.21	4,204.41	4,600.00	500.00	
8533 · Pumps & Lines Telephones	6,533.07	6,216.14	5,830.34	6,003.37	6,000.00	7,000.00	
Total 8530 · Telephone	18,202.00	18,442.00	19,352.00	19,202.00	17,200.00	0.00	18,500.00
8540 · Utilities							
8541 · Water	3,699.49	4,971.70	7,744.56	8,706.35	7,800.00	8,000.00	
8542 · Main Plant Utilities	168,332.98	174,652.34	179,270.96	191,597.92	175,000.00	220,000.00	
8543 · Paradise Cove Utilities	14,027.27	13,935.20	14,842.64	19,004.22	21,000.00	20,000.00	
8544 · Pump Station Utilities	33,210.82	35,171.49	35,727.84	45,939.21	41,000.00	45,000.00	
Total 8540 · Utilities	219,271.00	228,731.00	237,586.00	265,248.00	244,800.00	0.00	293,000.00
Total 8500 · Other Operating Expenses	332,403.00	362,955.00	372,407.00	422,506.00	394,200.00	0.00	466,500.00
Total OPERATING Expenses	3,955,893.00	3,237,225.00	3,853,659.00	4,007,664.00	4,101,994.00		4,455,053.00

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

Five-Year History: Capital Comparison

FY 2017/2018 – FY2022/2023

	Actuals FY17-18	Actuals FY18-19	Actuals FY19-20	Actuals FY20-21	Budget FY21-22	FY FY22-23
9100 · Capital Expenditures						
9200 · Main Plant Equipment Capital						
9201 · LED Lighting Upgrade	25,066.15	25,571.38				
9203 · Slurry Seal & Parking Plan	0.00	0.00				
9202.1 · M.P. Drainage Sample Rm Drain+2nd Drain Replacement					75,000.00	
9202.2 · M.P. Drainage Load-out + Filtering					26,000.00	
9203 · M.P. Flare Rehabilitation				10,596.00	30,000.00	
9204 · M.P. Boiler (Exhaust) Replacement	62,855.00	5,550.75			37,600.00	
9205 · Influent Sumps/RAS Cover Rplcmt						
9206 · Infl Dry Weather Pump Rplcmt					41,000.00	
9207 · Infl Wet Weather Pump Rplcmt						
9208 · M.P. Chemical Feed Pump Replacement					35,000.00	
9209 · Screw Press Blend Redundancy		15,733.84		16,914.54		
9210 · Sludge Box Replacement	15,442.00					
9211 · Odor Control Upgrades						
9212 · M.P. Headworks Grinder Replacement		18,829.83	19,588.07	23,486.90	25,000.00	25,000.00
9212.1 · Digester Rehab					10,000.00	600,000.00
9213 · Flare Rehabilitation						
9214 · Underground Pipe & Valve Replacement			12,307.96			
9215 · M.P. Restroom Remodels (2)						
9217 · M.P. Ops Control				20,892.15	2,000.00	
9218 · M.P. Generator Control Panel					1,500.00	
9219 · M.P. Cl2 Flash Mixer				12,160.81	8,600.00	
92XX · M.P. Switch Gear Improvements						100,000.00
9221 · M.P. Dry Weather Primary Cover Replacement						100,000.00
9225.94 · Server Upgrade + Replacement				5,323.75		
9225.95 · SCADA Upgrade				18,850.00		
9229.8 · Vehicle Replacement				3,000.00		75,000.00
Total 9200 · Main Plant Equipment Capital	103,363.00	65,686.00	31,896.00	108,224.00	291,700.00	

	Actuals FY17-18	Actuals FY18-19	Actuals FY19-20	Actuals FY20-21	Budget FY21-22	Estimate FY22-23
9300 · Pumps & Lines Capital						
9301 · Tiburon Sewer Line Rehab Prog	440,376.23	439,893.30	723,554.74	1,285.94	1,000,000.00	1,000,000.00
9302 · Pump Station Control Panel Upgr	85,524.81	60,247.88	37,178.11			
9303 · Lateral Camera		13,750.48		362.71		
9304 · Belvedere Sewer Line Rehab Prog	195,439.87	344,441.80	891,836.07		100,000.00	100,000.00
9305 · Valve/Wet Well Lid Cover Replac					7,500.00	
9305.1 · Wet Well Rehabilitation - Belvedere					75,000.00	
9305.2 · Wet Well Rehabilitation - Tiburon					50,000.00	
9306 · PS Pump & Valve Replacement	48,660.54		52,247.95	22,591.76	40,000.00	50,000.00
9307 · PS Generator Replacement	60,284.50		16,123.19	5,914.96	4,000.00	
9308 · Station #5 Rebuild/4 Pumps/Gen						
9308.1 · Mar West PS#5, Phase I-Design						
9308 · Station #5 Rebuild/4 Pumps/Gen - Other						
9308.11 · Mar West PS#5, Phase I-Constr						
9308.2 · Mar West PS#5, Phase II-Constr	790,046.72					
Total 9308 · Station #5 Rebuild	790,046.72	0.00	0.00			
9309 · Cove Rd. BPS #1 Generator Replacement				0.00		500,000.00
9310 · Belv Pump Station Comm. Project		46,640.69		1,552.85	7,000.00	
9311.1 · Cove Rd Force Main Rplcmnt - Engineering		19,260.00	14,250.00	5,656.80		
9311.2 · Cove Rd Force Main Rplcmnt - Constr., Ph I				2,262,482.35		
9312 · Force Main Rehab - Multiple Sites				0.00		
9313 · Man Hole Rehabilitation			17,811.00	47,816.31	33,000.00	75,000.00
9314 · Portable Emergency Generators	34,462.47		997.14	95,587.89		
9227.8 · Vactor Truck	21,785.00		310,144.91	318,036.34		
9315 · TPS Comm/Radio Upgrade Project	0.00	41,747.19		0.00	1,000.00	
Total 9300 · Pumps & Lines Capital	1,676,580.00	965,981.00	2,064,143.00	2,761,288.00	1,317,500.00	1,725,000.00
9400 · Paradise Cove Capital						
9401 · P.C. Sewer Line Rehab Prog						
94XX · P.C. Pump replacement				19,501.62		25,000.00
9403.1 · P.C. Communication Upgrade - Cellular					37,000.00	
94XX · P.C. Grit Removal Project			8,141.00			50,000.00
9405 · P.C. Generator Replacement	899.22					
· P.C. Painting at Plant			52,058.23	52,759.00		
9406 · P.C. Plant Grating Rplcmnt - Fiberglass						
9410 · P.C. U.V. Disinfection						
Total 9400 · Paradise Cove Capital	899.00	0.00	60,199.00	72,261.00	37,000.00	75,000.00
9500 · Undesignated Capital						
9510 · Undesignated Cap - M.P.	33,817.00		14,684.13		27,000.00	25,000.00
9520 · Undesignated Cap - P.C. Plant				26,546.75	0.00	10,000.00
9530 · Undesignated Cap - P&L		32,479.97			137,000.00	50,000.00
Total 9500 · Undesignated Capital	33,817.00	32,480.00	14,684.00	26,547.00	164,000.00	85,000.00
Total 9100 · Capital Expenditures	1,814,659.00	1,064,147.00	2,170,922.00	2,968,320.00	1,810,200.00	1,885,000.00

	Actuals FY17-18	Actuals FY18-19	Actuals FY19-20	Actuals FY20-21	Budget FY21-22	Estimate FY22-23
9700 · Debt Service						
9720 · Belvedere Loan						
9723 · Belvedere WestAm Loan Prin						
Total 9720 · Belvedere Loan						
9730 · Debt Service - MPR Project						
9731 · Debt Service MPR Bond Principal	450,000.00	460,000.00	470,000.00			
9732 · Debt Service MPR Bond Interest	374,067.94	356,348.79	167,675.00			
9734 · Debt Service MPR REFI Principal				660,000.00	580,000.00	610,000.00
9735 · Debt Service MPR REFI Interest				184,979.26	172,360.00	150,412.00
Total 9730 · Debt Service - MPR Project	824,068.00	817,399.00	637,675.00	846,029.00	753,410.00	761,462.00
Total 9700 · Debt Service	824,068.00	817,399.00	637,675.00	846,029.00	753,410.00	761,462.00
Total CAPITAL Expense	2,638,727.00	1,881,546.00	2,808,597.00	3,814,349.00	2,563,610.00	2,646,462.00
Total Ops & Capital Expense	6,594,620.00	5,118,771.00	6,662,256.00	7,822,013.00	6,665,604.00	7,101,515.00

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

**Capital Improvement Program
FY 2022/2023 – FY2031/2032**

MAIN PLANT CAPITAL IMPROVEMENT PROGRAM

M.P. Project Description	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030	2030/2031	2031/2032	TOTAL
Screw Press 3W Filtering Unit											0
Dry Weather Influent Pump							50,000				50,000
Wet Weather Influent Pump					75,000						75,000
M.P. Boiler Replacement						50,000					50,000
Headworks Grinder Replacement	25,000			25,000			25,000				75,000
MP Electric Roll Up Door Install		55,000									55,000
Chemical Feed Transfer Pump						20,000					20,000
(Utility) Truck Purchase	75,000		40,000								115,000
Dewatering Redundancy --Screw Press					300,000						300,000
Aeration Basin Diffuser Upgrade		200,000									200,000
Emergency Generator Replacement							250,000				250,000
Maintenance Shop-Rehabilitation			500,000	500,000							1,000,000
Headworks Grinder Retrofit-Channel Monster		50,000									50,000
Digester Roof Recoating and Cleaning	600,000							250,000			850,000
Dry Weather Primary Tank Cover Replacement	100,000										100,000
Odor Control System Rehabilitation									650,000		650,000
Headworks Valve and Check Valve Replacement		75,000									75,000
MP Switch Gear Improvements	100,000										100,000
C12 Flash Mixer			20,000			20,000				15,000	55,000
MPR Bond Refi	752,790	752,848	752,534	751,848	750,793	749,360	752,496	750,198	752,466		6,765,333
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	925,000	405,000	585,000	550,000	400,000	115,000	350,000	275,000	675,000	40,000	4,320,000

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 useful 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 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

<i>Tiburon Project Description</i>	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030	2030/2031	2031/2032	TOTAL
Sewer Line Rehabilitation Program	1,000,000		500,000		500,000		500,000		500,000		3,000,000
Pump and Valve Replacement Program	20,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	245,000
Force Main Rehabilitation TPS #2- 357lf-6"		200,000									200,000
Force Main Rehabilitation TPS #3- 379lf-6"			200,000								200,000
Force Main Rehabilitation TPS #5-1303lf 8"					750,000						750,000
Force Main Rehabilitation TPS #7-903lf-6"								300,000			300,000
Man Hole Rehabilitation	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
TPS #2 Wet Well Rehabilitation									75,000		75,000
TPS #3 Wet Well Rehabilitation							75,000				75,000
TPS #8: Wet Well Rehabilitation										75,000	75,000
TPS #6 Wet Well Rehabilitation				75,000							75,000
TPS #7 Wet Well rehabilitation						75,000					75,000
TPS #9 Wet Well Rehabilitation		250,000									250,000
Portable Pump Replacement			50,000								50,000
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
<i>Tiburon Total</i>	1,095,000	550,000	850,000	175,000	1,350,000	175,000	675,000	400,000	675,000	175,000	6,120,000

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 defeciencies 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 (whic 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	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030	2030/2031	2031/2032	TOTAL
Sewer Line Rehabilitation Program	100,000	500,000		500,000		500,000		500,000		500,000	2,600,000
Pump and Valve Replacement Program	20,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	245,000
BPS #1 Control Panel Replacement	500,000										500,000
BPS #1 Emergency Generator& Roof Replacmnt	0										0
BPS #2 Force Main&Wet Well Rehabilitation				200,000							200,000
BPS #3 Force Main& Wet Well Rehabilitation Proj			750,000								750,000
BPS #7: Wet Well Rehabilitation	75,000										75,000
BPS#5,#8,#12 Wet Well Rehabilitation Project						200,000					200,000
BPS #9,#10,#11 Wet Well Rehabilitation					200,000						200,000
BPS #13 Force Main Rehabilitation Project										200,000	200,000
BPS #14 Force Main Rehabilitation Project								200,000			200,000
Power Feed Improvement Project (BPS#9,#10,#11)									300,000		300,000
San Rafael Ave Diverter Line Install							100,000				100,000
Man Hole Rehabilitation	11,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	236,000
Undesignated Capital Projects	68,500	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	293,500
<i>Belvedere Total</i>	774,500	575,000	825,000	775,000	275,000	775,000	175,000	775,000	375,000	775,000	6,099,500

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.
Pump Station Rehabilitation 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 & #7
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

<i>Paradise Cove Project Description</i>	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030	2030/2031	2031/2032	TOTAL
Paradise Sewer Line Rehab Project				500,000							500,000
Grit Removal Project	50,000										50,000
Plant Grating Replacement- Fiberglass							25,000				25,000
Building Rehabilitation		100,000									100,000
Blower Replacement			20,000					20,000			40,000
UV Disinfection				60,000							60,000
Pump Replacement Program	25,000					25,000				25,000	75,000
Paint Treatment Plant									150,000		150,000
Undesignated Capital Projects	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	90,000
<i>Paradise Cove Total</i>	75,000	110,000	30,000	570,000	10,000	35,000	35,000	30,000	160,000	35,000	1,090,000

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.

IMPROVEMENT PROGRAM

Project Descriptions	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030	2030/2031	2031/2032	TOTAL
Main Plant	925,000	405,000	585,000	550,000	400,000	115,000	350,000	275,000	675,000	40,000	4,320,000
Tiburon Pumps & Lines	1,095,000	550,000	850,000	175,000	1,350,000	175,000	675,000	400,000	675,000	175,000	6,120,000
Belvedere Pumps & Lines	774,500	575,000	825,000	775,000	275,000	775,000	175,000	775,000	375,000	775,000	6,099,500
Paradise Cove	75,000	110,000	30,000	570,000	10,000	35,000	35,000	30,000	160,000	35,000	1,090,000
MPR Debt Service + 2020 Refi	752,790	752,848	752,534	751,848	750,793	749,360	752,496	750,198	752,466	0	6,765,333
TOTAL	3,622,290	2,392,848	3,042,534	2,821,848	2,785,793	1,849,360	1,987,496	2,230,198	2,637,466	1,025,000	24,394,833

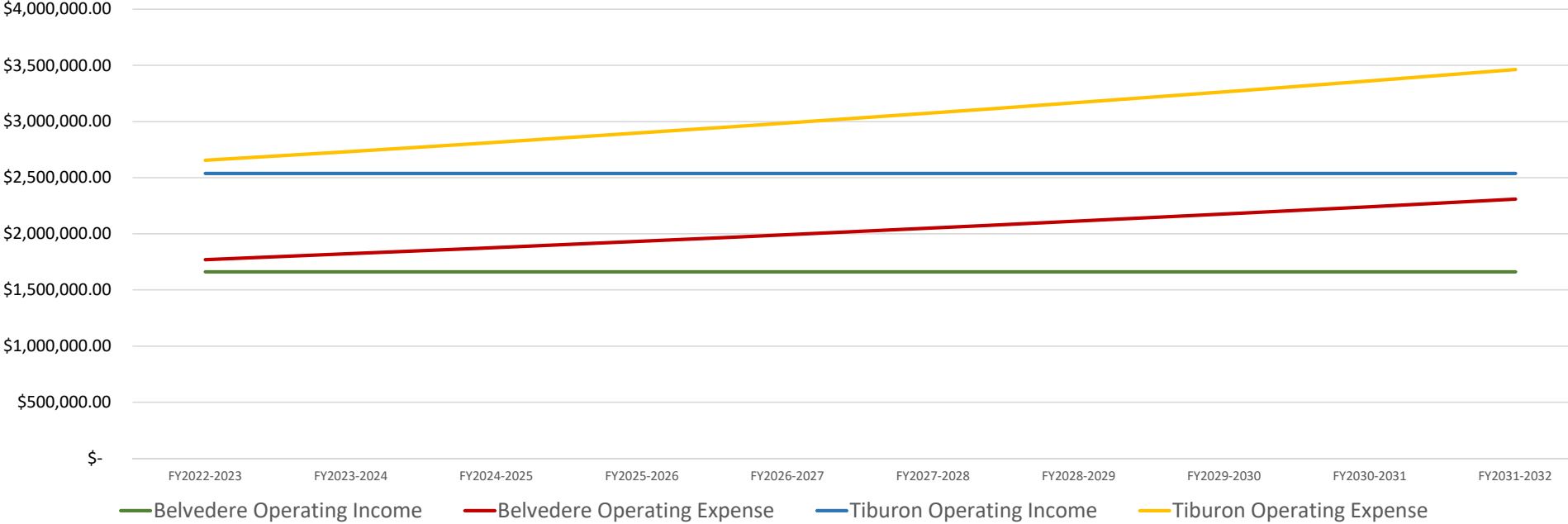
**Sanitary District No. 5
of Marin County**

**SD5 Operations Projections:
Tiburon & Belvedere**

FY 2022/2023 – FY2031/2032

22-23 Budget Projections	FY2022-2023	FY2023-2024	FY2024-2025	FY2025-2026	FY2026-2027	FY2027-2028	FY2028-2029	FY2029-2030	FY2030-2031	FY2031-2032
Belvedere Operating Income	\$ 1,660,781.00	\$ 1,660,781.00	\$ 1,660,781.00	\$ 1,660,781.00	\$ 1,660,781.00	\$ 1,660,781.00	\$ 1,660,781.00	\$ 1,660,781.00	\$ 1,660,781.00	\$ 1,660,781.00
Belvedere Operating Expense	\$ 1,769,353.00	\$ 1,822,434.00	\$ 1,877,107.00	\$ 1,933,420.00	\$ 1,991,422.00	\$ 2,051,165.00	\$ 2,112,700.00	\$ 2,176,081.00	\$ 2,241,363.00	\$ 2,308,604.00
Tiburon Operating Income	\$ 2,537,000.00	\$ 2,537,000.00	\$ 2,537,000.00	\$ 2,537,000.00	\$ 2,537,000.00	\$ 2,537,000.00	\$ 2,537,000.00	\$ 2,537,000.00	\$ 2,537,000.00	\$ 2,537,000.00
Tiburon Operating Expense	\$ 2,653,880.00	\$ 2,733,496.00	\$ 2,815,501.00	\$ 2,899,966.00	\$ 2,986,965.00	\$ 3,076,574.00	\$ 3,168,872.00	\$ 3,263,938.00	\$ 3,361,856.00	\$ 3,462,711.00

2022-2023 & Future Operating Income vs Operating Expense Projections



Please note: Income projections assume no change in Sewer Service Charge revenue, nor does it account for interest earnings and inspection fees. Operating Expense assumptions account for 3% annual increase across all operating expense line items.

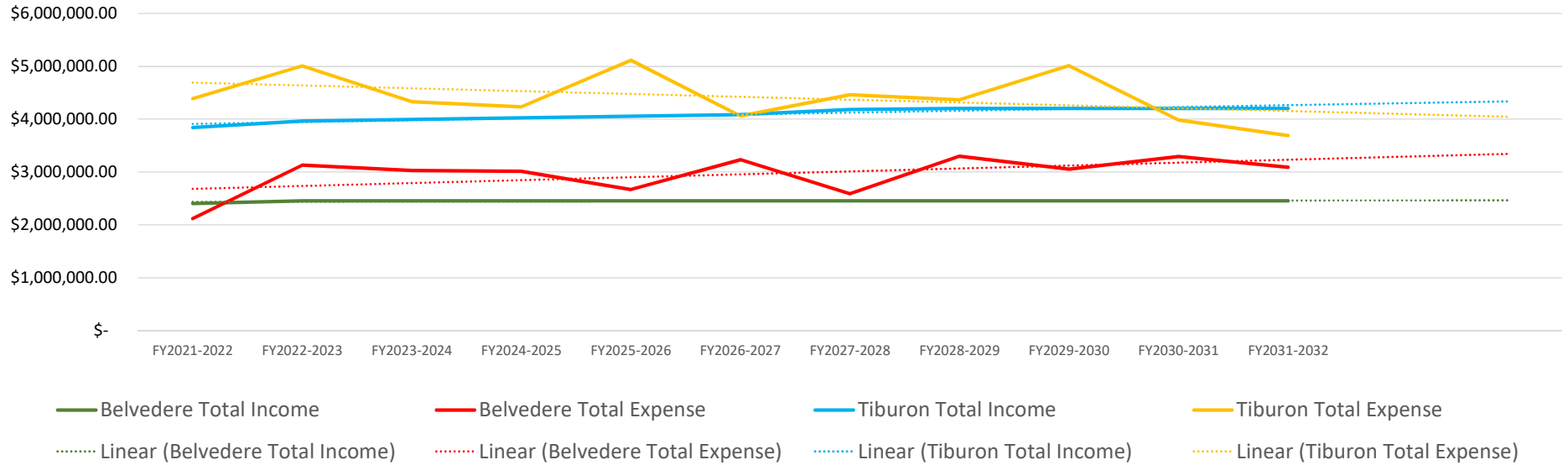
**Sanitary District No. 5
of Marin County**

**SD5 Income & Expense Projections:
Tiburon & Belvedere**

FY 2022/2023 – FY2031/2032

22-23 Budget Projection:	FY2021-2022	FY2022-2023	FY2023-2024	FY2024-2025	FY2025-2026	FY2026-2027	FY2027-2028	FY2028-2029	FY2029-2030	FY2030-2031	FY2031-2032
Belvedere Total Income	\$ 2,405,642.00	\$ 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	\$ 2,455,642.00
Belvedere Total Expense	\$ 2,120,557.00	\$ 3,133,833.00	\$ 3,033,430.00	\$ 3,016,993.00	\$ 2,669,316.00	\$ 3,233,949.00	\$ 2,589,941.00	\$ 3,301,573.00	\$ 3,056,900.00	\$ 3,293,726.00	\$ 3,093,604.00
Tiburon Total Income	\$ 3,842,781.00	\$ 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	\$ 4,205,985.00	\$ 4,205,985.00	\$ 4,205,985.00
Tiburon Total Expense	\$ 4,387,284.00	\$ 5,008,720.00	\$ 4,330,347.00	\$ 4,238,148.00	\$ 5,115,917.00	\$ 4,065,230.00	\$ 4,462,158.00	\$ 4,367,494.00	\$ 5,013,316.00	\$ 3,986,958.00	\$ 3,692,711.00

Total Income vs. Expense Per Zone



Please note: Capital Expense Assumptions are rough estimates of future capital work and fiscal year status may change from year to year