

Sanitary District No. 5 of Marin County

FY 2013-2014 Final Budget

June 30, 2013

Prepared by:

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Sanitary District No. 5 of Marin County

Consolidated Final Budget FY 2013-2014

Income	2012-13 Budget	2013-2014 Budget	%Diff	Tib Zone	Belv Zone
Property Taxes	768,900	768,900	0%	768,900	0
Belv Sewer Service Charge Revenue	2,126,100	2,126,100	0%	0	2,126,100
Tib Sewer Service Charge Revenue	2,201,700	2,201,700	0%	2,201,700	0
Interest	17,500	17,500	0%	12,602	4,898
Connection Fees	90,100	90,100	0%	65,100	25,000
Paradise Sewer Extension Fees	40,000	40,000	0%	40,000	0
Other Income	79,700	79,700	0%	52,077	27,623
Revenue Bond Proceeds - MPR Project	0	0	0%	0	0
Interest - MPR Project Fund	17,500	17,500	0%	11,337	6,164
MPR SASM Expense Reimbursement	0	0	0%	0	0
Total Budget Income	5,341,500	5,341,500	0%	3,151,716	2,189,785
Expense					
Operating Expenses	2,736,400	3,138,960	115%	2,028,071	1,110,889
Capital Expenses - non-MPR Project	1,945,900	3,037,900	156%	1,732,816	1,305,084
Capital Expenses - MPR Project	8,242,430	8,242,430	0%	5,339,446	2,902,984
Total Budgeted Expenses	12,924,730	14,419,290	112%	9,100,333	5,318,957

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

**FY 2013-2014
Final Operating Budget**

**Sanitary District No. 5 of Marin County
Final Operating Budget
FY 2013-2014**

	2012-2013 Operations Budget	2013-2014 Operations Budget	% Bud. Diff	Notes	Breakdown by Zone		
					Tib Ops	Belv Ops	P.C. Ops
Income							
Tib Property Tax Current Secured - Ops	0	0	0%		0	0	0
Belvedere Sewer Service Charge - Ops	999,300	999,300	0%		0	999,300	0
Tiburon Sewer Service Charge - Ops	1,898,400	1,898,400	0%		1,824,742	0	73,658
Other User Fees	23,300	23,300	0%		23,300	0	0
Interest Earning	17,500	17,500	0%		12,113	4,898	489
Inspection Fees	2,800	2,800	0%		1,500	1,100	200
SASM Expense Reimbursement	46,800	46,800	0%		29,587	16,141	1,072
Nextel Lease	30,000	30,000	0%		18,966	10,347	687
Other Income	100	100	0%		64	34	2
Total Income	3,018,200	3,018,200	0%		1,910,272	1,031,820	76,108

**Sanitary District No. 5 of Marin County
Final Operating Budget
FY 2013-2014**

Expense	2012-2013 Operations Budget	2013-2014 Operations Budget	% Bud. Diff	Notes	Breakdown by Zone		
					Tib Ops	Belv Ops	P.C. Ops
Administrative							
Advertising	2,500	2,500	0%		1,581	862	57
Outreach & Newsletter	6,000	6,000	0%		3,793	2,069	137
Audit & Accounting	18,000	18,000	0%		11,380	6,208	412
Consulting Fees	23,000	75,000	326%		47,415	25,868	1,718
Travel & Meetings	19,000	19,000	0%		12,012	6,553	435
Contributions	0	0	0%		0	0	0
Continuing Education	18,000	18,000	0%		11,380	6,208	412
County Fees	12,500	12,500	0%		7,903	4,311	286
Directors Fees	9,000	9,000	0%		5,690	3,104	206
Dues & Subscriptions	17,000	17,000	0%		10,747	5,863	389
Elections	0	7,000	100%		4,425	2,414	160
Insurance Property & Liability	43,000	43,000	0%		27,185	14,831	985
Legal	70,000	140,000	200%		88,508	48,286	3,206
Office Supplies	7,500	7,500	0%		4,742	2,587	172
Data/Alarms/IT Support & Licensing	21,000	35,000	167%	Upgrade computers - SCADA support	22,127	12,072	802
Postage	1,600	1,600	0%		1,012	552	37
Pollution Prevention	3,500	3,500	0%		2,213	1,207	80
Safety	12,000	12,000	0%		7,586	4,139	275
Miscellaneous Expense	0	0	0%		0	0	0
Total Administrative	283,600	426,600	150%		269,697	147,134	9,769
Maintenance and Repair							
Pumps & Lines Maintenance							
Pumps & Lines Maintenance	70,000	200,000	286%	Vector, Small machine, I&I, Parts	104,254	94,143	1,603
Sewer Line Spot Repair	0	0	0%		0	0	0
Inflow & Infiltration Study	10,000	10,000	0%		5,000	5,000	0
Total Pumps & Lines Maintenance	80,000	210,000	263%		109,254	99,143	1,603

Sanitary District No. 5 of Marin County
Final Operating Budget
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	2012-2013 Operations Budget	2013-2014 Operations Budget	% Bud. Diff	Notes	Breakdown by Zone		
					Tib Ops	Belv Ops	P.C. Ops
Main Plant Maintenance							
Plant Maintenance Supplies	10,000	10,000	0%		6,470	3,530	0
Plant Maint. Parts & Service	25,000	25,000	0%		16,175	8,825	0
Janitorial Supplies & Service	5,000	5,000	0%		3,235	1,765	0
Main Plant Chemicals	110,000	115,000	105%	RDT Polymer-Bloxide	74,405	40,595	0
Lab Supplies & Chemicals	7,000	7,000	0%		4,529	2,471	0
SASM Supplies & Chemicals	46,800	46,800	0%		30,280	16,520	0
Electrical & Instrument	5,000	1,000	20%	Joe on staff (\$1k for electrical parts)	647	353	0
Grounds Maintenance	1,500	3,000	200%	Tree Trimming	1,941	1,059	0
Main Plant Sludge Disposal	26,000	26,000	0%		16,822	9,178	0
Total Main Plant Maintenance	236,300	238,800	101%		154,504	84,296	0
Paradise Cove Plant Maintenance							
Paradise Parts & Service	11,000	5,000	45%	No Painting	0	0	5,000
Paradise Supplies & Chemicals	2,500	2,500	0%		0	0	2,500
Paradise Sludge Disposal	7,900	7,900	0%		0	0	7,900
Total Paradise Cove Plant Maintenance	21,400	15,400	72%		0	0	15,400
Monitoring							
Main Plant Monitoring	50,000	55,000	110%	Anticipated new permit req.	35,585	19,415	0
Chronic Toxicity Program Eval	13,000	13,000	0%		8,411	4,589	0
Paradise Cove Monitoring	8,500	8,500	0%		0	0	8,500
Total Monitoring	71,500	76,500	107%		43,996	24,004	8,500
Permits/Fees							
Main Plant NPDES Renewal	45,000	0	-100%	Permit Complete	0	0	0
Paradise Cove Permits/Fees	10,000	10,000	0%		0	0	10,000
Permits/Fees - General	25,000	25,000	0%		16,175	8,825	0
Total Permits/Fees	80,000	35,000	44%		16,175	8,825	10,000
Truck Maintenance							
Truck Maintenance	4,000	4,000	0%		2,529	1,380	92
Fuel	9,500	9,500	0%		6,006	3,277	218
Total Truck Maintenance	13,500	13,500	0%		8,535	4,656	309

**Sanitary District No. 5 of Marin County
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FY 2013-2014**

	2012-2013 Operations Budget	2013-2014 Operations Budget	% Bud. Diff	Notes	Breakdown by Zone		
					Tib Ops	Belv Ops	P.C. Ops
Salaries & Benefits							
Salaries	867,700	995,400	115%	New Hires (R Dohmann, B Simmons, J Triola)	629,292	343,313	22,795
Part-Time	0	0	0%		0	0	0
Overtime	45,000	45,000	0%		28,449	15,521	1,031
Standby Pay	32,000	39,680	124%	Added man on stand-by (J Triola)	25,086	13,686	909
Vacation Buy-Out	20,000	20,000	0%		12,644	6,898	458
Car Allowance	12,000	12,000	0%		7,586	4,139	275
Payroll Taxes	74,700	74,700	0%		47,225	25,764	1,711
PERS Retirement	315,800	315,800	0%		199,649	108,919	7,232
Empl. Hlth, Dental, Life Ins., SDI & Vision	173,000	173,000	0%		109,371	59,668	3,962
Retiree Health	88,000	150,180	171%		94,944	51,797	3,439
Workers Comp Insurance	18,200	18,200	0%		11,506	6,277	417
Payroll/Bank Fees	4,900	4,900	0%		3,098	1,690	112
Total Salaries	1,651,300	1,848,860	112%		1,168,849	637,672	42,339
Uniforms	10,000	11,000	110%	Trainees	6,954	3,794	252
Telephone							
Main Plant Telephones	13,500	13,500	0%		8,735	4,766	0
Paradise Cove Telephones	1,500	1,500	0%		0	0	1,500
Pumps & Lines Telephones	7,500	10,000	133%	Tiburon Stations Communications	7,242	2,587	172
Total Telephone	22,500	25,000	111%		15,976	7,352	1,672
Utilities							
Water	4,500	4,500	0%		2,915	1,585	0
Main Plant Utilities	190,000	162,000	85%	Due to MPR Project	104,944	57,056	0
Paradise Cove Utilities	13,500	13,500	0%		0	0	13,500
Pump Station Utilities	35,000	35,000	0%		22,127	12,072	802
Total Utilities	243,000	215,000	88%		129,986	70,713	14,302
Belvedere Loan							
Belvedere Westamerica Loan Interest	23,300	23,300	0%		0	23,300	0
Total Belvedere Loan	23,300	23,300	0%		0	23,300	0
Total Operating Expense	2,736,400	3,138,960	115%		1,923,925	1,110,889	104,145

Operating Assumptions

Operating Revenue Assumptions

Paradise Cove flow represent 2.29% of total flow for District. This percentage is used to reflect the Paradise Cove share of the District-wide revenues.

Tiburon Sewer Service Charge is \$825 per EDU (Equivalent Dwelling Unit).

Belvedere Sewer Service Charge is \$1,836 per EDU. 47% 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 2013-14.

Nextel lease annually per CPI, minimum 3%.

Other income includes CAL-Card incentive payments.

Operating Expense Assumptions

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

Salary categories include 2.5% COLA increase.

PERS employer contribution retirement rate is 29.980%; employee contribution rate is 8.64%.

Worker's compensation premium based on 3.76% rate, with an 80% experience modification factor.

Paradise Cove operating expense is 2.29% of operating expenses in applicable District-wide categories; this is based on Paradise Cove's average annual percentage of influent flow from the from the 2011 calendar year and are being carried over to the 2012 calendar year.

Belvedere operating expense is 35.3% of main plant-related categories, and 34.49% of expenses that pertain to all three zones; this is based on Belvedere's average annual percentage of influent flow from the 2011 calendar year and are being carried over to the 2012 calendar year.

Formulas for Determining Percentage Breakdowns (Operating & Capital):

Tiburon Only: 100%

Belvedere Only: 100%

Paradise Cove Only: 100%

Shared Tiburon & Belvedere: 64.70% / 35.30%

Shared Tiburon & Paradise Cove: 96.22% / 3.88%

Shared Tiburon, Belvedere & Paradise Cove: 63.22% / 34.49% / 2.29%

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

**FY 2013-2014
Final Capital Budget**

Sanitary District No. 5 of Marin County
Final Capital Budget
FY 2013-2014

	2012-2013 Capital Budget	2013-2014 Capital Budget	% Bud. Diff	Notes	Tib Cap	Belv Cap	P.C. Cap
Capital Income (non-MPR Project)							
Property Taxes							
Property Tax Current Secured - Capital	550,000	550,000	0%		528,660	0	21,340
Property Tax Current Unsecured	10,000	10,000	0%		9,612	0	388
Property Tax Prior Sec Redemption	0	0	0%		0	0	0
Property Tax Prior Unsecured	0	0	0%		0	0	0
Supplemental Unsecured	100	100	0%		96	0	4
Supplemental Assessment Current	5,100	5,100	0%		4,902	0	198
Supplemental Assessment Redm	400	400	0%		384	0	16
Excess ERAF	200,000	200,000	0%		192,240	0	7,760
HOPTR	3,300	3,300	0%		3,172	0	128
Total Property Taxes	768,900	768,900	0%		739,066	0	29,834
Belvedere Sewer Service Charge - Capital	1,126,800	1,126,800	0%		0	1,126,800	0
Tiburon Sewer Service Charge - Capital	280,000	280,000	0%		269,136	0	10,864
Connection Fees							
Collection	19,000	19,000	0%		4,000	4,000	11,000
Treatment	71,100	71,100	0%		21,000	21,000	29,100
Total Connection Fees	90,100	90,100	0%		25,000	25,000	40,100
Paradise Drive Sewer Line Extensions Fees	40,000	40,000	0%		0	0	40,000
Total Capital Income (non-MPR Project)	2,305,800	2,305,800	0%		1,033,203	1,151,800	120,797

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Final Capital Budget
FY 2013-2014

	2012-2013 Capital Budget	2013-2014 Capital Budget	% Bud. Diff	Notes	Tib Cap	Belv Cap	P.C. Cap
Capital Expenditures (non-MPR Project)							
Main Plant Equip Capital Expense (non-MPR)							
Undesignated Cap - Main Plant Related	25,000	25,000	0%		16,175	8,825	0
Refrigerated Lab Sampler	0	0	0%	Complete	0	0	0
Total Main Plant Equip Capital Expense (non-MPR)	25,000	25,000	0%		16,175	8,825	0
Pumps & Lines Capital							
Tiburon Sewer Line Rehab	130,000	227,000	175%		227,000	0	0
Pump Station Control Panel Upgrade	80,000	85,000	0%		45,000	40,000	0
Undesignated Capital Proj - P & L	100,000	100,000	0%	I&I Study/smoke testing repairs	50,000	50,000	0
Belvedere Sewer Line Rehab	160,000	310,000	194%		0	310,000	0
Valve/Wet Well Lid Cover Replacement	20,000	20,000	0%	Pump Station#13 - one per yr	0	20,000	0
Pump Stations - Pump Replacement	50,000	85,000	170%		60,000	25,000	0
Pump Station Generator Replacement	60,000	60,000	100%		60,000	0	0
Station No. 5 Rebuild/4 Pumps/Generator	30,000	350,000	1167%	Replacement of Pump Station	350,000	0	0
Stations No. 1 & 4 - Generator/Conduit	150,000	175,000	117%	Engineering & conduit installation	175,000	0	0
Emergency Power	0	160,000	100%	2 sound attenuating portable generators	0	160,000	0
Cove Rd. Force Main Replacements	0	100,000	100%	Replace 2107' of force main	0	100,000	0
Lagoon Rd - Install Generator/Conduit	25,000	200,000	800%	Purchase of generator; connection	0	200,000	0
Total Pumps & Lines Capital	805,000	1,872,000	233%		967,000	905,000	0
Paradise Cove Capital							
Generator Replacement	0	0	0%		0	0	0
Undesignated Cap - P.C. Plant Related	5,000	10,000	200%		0	0	10,000
Paint Treatment Plant	0	20,000	100%		0	0	20,000
UV Disinfection	0	0	0%		0	0	0
Total Paradise Cove Capital	5,000	30,000	600%		0	0	30,000
Debt Service							
Debt Service - MPR Bond Principle	575,000	575,000	0%		372,485	202,515	0
Debt Service - MPR Bond Interest	412,900	412,900	0%		267,477	145,423	0
Belvedere Westamerica Loan Principle	123,000	123,000	0%		79,679	43,321	0
Total Debt Service	1,110,900	1,110,900	0%		719,641	391,259	0
Total Capital Expenditures (non-MPR Project)	1,945,900	3,037,900	156%		1,702,816	1,305,084	30,000

Sanitary District No. 5 of Marin County
 Final Capital Budget
 FY 2013-2014

	2012-2013 Capital Budget	2013-2014 Capital Budget	% Bud. Diff	Notes	Tib Cap	Belv Cap	P.C. Cap
Main Plant Rehab (MPR) Income							
Revenue Bond Proceeds - MPR Project	0	0	0%		0	0	0
Interest Earnings - MPR Fund	17,500	17,500	0%		11,337	6,164	0
MPR SASM Expense Reimbursement	0	0	0%		0	0	0
Total MPR Income	17,500	17,500	0%		11,337	6,164	0

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Final Capital Budget
FY 2013-2014

	2012-2013 Capital Budget	2013-2014 Capital Budget	% Bud. Diff	Notes	Tib Cap	Belv Cap	P.C. Cap
Main Plant Rehab (MPR) Capital Expenditures							
MPR Final Design/Eng Services Bidding	0	0	0%		0	0	0
MPR Environmental Study	0	0	0%		0	0	0
MPR Consulting Fees - Financing	0	0	0%		0	0	0
MPR Legal Fees	5,000	5,000	0%		3,239	1,761	0
MPR Project - Temporary Office	20,000	20,000	0%		12,956	7,044	0
MPR Bond Financing Costs	0	0	0%		0	0	0
MPR Special Consultant	106,603	106,603	0%		69,057	37,546	0
MPR Office Serc/Eng Services Construction	550,288	550,288	0%		356,477	193,811	0
MPR Field Services/Resident Engineering	111,539	111,539	0%		72,255	39,284	0
MPR Updated Operations Manual	48,000	48,000	0%		31,094	16,906	0
MPR Construction	7,401,000	7,401,000	0%		4,794,368	2,606,632	0
Total MPR Capital Expenditures	8,242,430	8,242,430	0%		5,339,446	2,902,984	0

Capital Assumptions

Capital Revenue Assumptions

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

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

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

HOPTR = Home Owner Property Tax Relief.

Belvedere capital income is set at 53% of its sewer service charge revenue to meet reserve/fund policy requirements.

Paradise Cove Connection fee income estimated: 5 homes @ \$8,000 each (\$40,000 total).

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

MPR = Main Plant Rehabilitation Project

Capital Expense Assumptions

New capital projects are indicated in notes.

Belvedere capital expense is 35.30% of total main plant-related expenditures (Except for MPR Project); this is based on Belvedere's average annual percentage of influent flow from the 2011 calendar year and is being carried over to the 2012 calendar year.

Tiburon capital expense is 64.70% of total main plant-related expenditures (except for MPR Project); this is based on Tiburon's average annual percentage of influent flow from the 2011 calendar year and is being carried over to the 2012 calendar year.

Belvedere MPR Project capital expense is 35.22% of total expenditures (fixed allocation percentage from FY2012-2013, based on MPR Bond revenue split).

Tiburon MPR Project capital expense is 64.78% of total expenditures (fixed allocation percentage from FY2012-2013, based on MPR Bond revenue split).

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

FY 2013-2014

Capital Improvement Program Budget

Capital Improvement Program
Sanitary District No.5
2013/2019

MAIN PLANT CAPITAL IMPROVEMENT PROGRAM

<i>Project Description</i>	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018-2019	TOTAL
MPR Project	1,636,100						1,636,100
Dry Weather Influent Pump			30,000			30,000	60,000
Wet Weather Influent Pump				40,000			40,000
Undesignated Capital Project	25,000	25,000	25,000	50,000	100,000	50,000	275,000
Influent Sumps/ RAS sumps cover replacement		80,000					80,000
Vehicle Replacement	30,000						30,000
Outfall Condition Assessment & Planning	100,000						100,000
Entryway & ADA Access Improvements*	50,000						50,000
<i>Treatment Plant Total</i>	1,841,100	105,000	55,000	90,000	100,000	80,000	2,271,100

Capital Improvement Program
Sanitary District No.5
2013/2019

Main Plant Project Name	DESCRIPTION
Main Plant Rehabilitation Project	The Main Plant Rehabilitation Project will replace nearly every Mechanical piece of equipment within the Facility, along with all Motor Control Centers. A full SCADA system will also be installed
Dry Weather Influent Pump	These funds will be used to purchase one new dry weather influent pump in FY 2014/2015 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 in FY 2015/2016 These were not part of the MPR project
Undesignated Capital Projects	These funds will be used for unforeseen project which may come up before the MPR project is Completed
Influent/RAS sump cover replacement	These funds will be used to replace rusted out cover and supports for the Influent Box covers and Replace the heavy cover on the RAS sump which requires 3 people to remove.
Vehicle Replacement	These Funds will be used to replace the oldest vehicle the district owns OPS truck has over 150,000 miles on it and travels to PC everyday
Outfall Condition Assessment & Planning	This study will assess the condition of the existing shared use outfall. The cost of the study would be split with SASM, based on a 50/50 split.
Entryway & ADA Access Improvements	These improvements may include furnishing and incidentals for the new entryway and administration space at the Main Plant. The building and architectural improvements will be funded through the MPR Project.

Capital Improvement Program
Sanitary District No.5
2013/2019

TIBURON CAPITAL IMPROVEMENT PROGRAM

Project Description	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Sewer Line Rehabilitation Program	227,000	100,000	100,000	100,000	100,000	100,000	727,000
Pump Replacement	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Generator Replacement	60,000	60,000					120,000
Pump Station Control Panel - Upgrade	85,000	45,000	45,000				175,000
Station No.9 Structure Repair							0
Station No. 5 Rebuild/ 4 pumps/generator	350,000						350,000
Station 1&4 - Generator Conduit	175,000						175,000
Station No. 9 VFD/Controller Replacement							0
Undesignated Capital Projects	50,000	50,000	50,000	100,000	150,000	100,000	500,000
Tiburon Total	972,000	280,000	220,000	225,000	275,000	225,000	2,197,000

Capital Improvement Program
Sanitary District No.5
2013/2019

TIBURON ZONE PUMPS & LINES CAPITAL IMPROVEMENT PROJECTS

<i>Tiburon Zone Pumps & Line Project Name</i>	<i>Risk</i>	<i>DESCRIPTION</i>
Sewer Line Rehabilitation Program		These fund will be used for the 10 years rehabilitation program that the Board of Director have approved. The rehabilitation program was approved after the completion of the Harris Report Rolled-over unused funds from 2012-2013 budget for upcoming year.
Pump Station Pump Replacement Program		The District has 24 pump stations with either 2 or 3 pumps in each station. The life expectancy for these pumps are between 7 to 10 years. Therefore the District has a program to replace pumps over a period of time instead of replacing them all at once.
Pump Station Generator Replacement		The District has standby generator located at many of the Pump Stations, some of the Generators were installed in 1980 - 1983. these generators in most cases are located along the water front. The salt air has raised havoc on some. Rolled-over unused funds from 2012-2013 budget for upcoming year.
Pump Station Control Panel - Upgrade		These Fund will be used for replacement of Control Panel at the District Pump Stations The Control panel are of various ages of which most are extremely old and obsolete Rolled-over unused funds from 2012-2013 budget for upcoming year.
Station No.9 Structure Repair		Station 9 is located along paradise Drive in front of Point Tiburon Condo's. the wet well has shifted and is leaning badly. The earth around the wet well must be removed so that the concrete rings can be adjusted and sealed. Point Tiburon is working on this issue
Station No.5 Replacement		These Monies will be used for Engineering design services to prepare contract documents to replace the current station, with a new station. Station 5 was built in 1972. the current status is that the station has two 75 hp motors with a drive shafts to a dry pit which houses two paco pumps. For standby pumping theirs a right angle drive unit. Theirs no generator. These pumps are not efficient. My recommendations is to replace the pumps with submersible pumps 2 small, 2 larger pumps similar to what the Belvedere Zone cove Rd. station has. The cost of power would decrease- and a confined space eliminated. This total project cost is estimated to be approximately \$2.0 million.

Capital Improvement Program
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Station No. 1 & 4 - Generator Conduit		<p>These monies will be used for engineering and installation of conduits for powering station. Currently station No.2 has a generator which could also feed station No.1 Currently station No.3 has a generator which could also feed station No.4 These two pump station in the Tiburon Zone are the only two without Generator Backup and are very close to the water- one is actually right on the beach- improved contingency</p>
Station No.9 VFD/Controller Replacement		<p>Currently Point Tiburon is working on these Issues</p>
Undesignated Capital Projects		<p>These monies are for unforeseen problems within the collection system</p>

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BELVEDERE CAPITAL IMPROVEMENT PROGRAM

Project Description	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Sewer Line Rehabilitation Program	310,000	100,000	100,000	100,000	100,000	100,000	810,000
Emergency Power	160,000						160,000
Pump Replacement	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Pump Station Control Panel - Upgrade	40,000	40,000	40,000	40,000	40,000	40,000	240,000
Pump Station -Generator Replacement			60,000	60,000	60,000		180,000
Station 13, 14 Communication Project	20,000						20,000
Cove Rd. Force Main Replacement	100,000	500,000					600,000
Lagoon Rd. Install Generator/conduit	200,000						200,000
Cove Rd. Generator replacement			150,000				150,000
Undesignated Cap Projects	50,000	50,000	50,000	100,000	150,000	50,000	450,000
Belvedere Total	905,000	715,000	425,000	325,000	375,000	215,000	2,960,000

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BELVEDERE ZONE PUMPS & LINES CAPITAL IMPROVEMENT PROJECTS

Belvedere Zone Pumps & Line Project Name	Risk	DESCRIPTION
Sewer Line Rehabilitation Program		These fund will be used for the 10 years rehabilitation program that the Board of Director have approved. The rehabilitation program was approved after the completion of the Harris Report Rolled-over unused funds from 2012-2013 budget for upcoming year.
Emergency Power		Purchase of two sound attenuating portable generators.
Pump Station Pump Replacement Program		The District has 24 pump stations with either 2 or 3 pumps in each station. The life extensity for these pumps are between 7 to 10 years. Therefore the District has a program to replace pumps over a period of time instead of replacing them all at once.
Pump Station Control Panel Replacement		Within the Belvedere Zone there are many pump station with single phase power with capacitor installed in the control panel to generate three phase power. The district is converting these stations to VFD. The VFD convert to single phase power to three Phase.
Pump Station Generator Replacement		The Standby Generators at the Pump station were installed in the early 1980 therefore it time to consider replacing them or at less setting aside monies for replacement
Pump Station #13 and #14 Communications Project		These funds will be used to provide alarming at both of these stations and communication back to station #1 belvedere and back to the plant SCADA system- currently this station has no alarming
Cove Rd. Force Main Replacement		These fund will be used to replace 2107 feet of 10 inch force main. The force main has blown out on two occasions - when making the repair it was difficult to find good pipe material to connect to. This will cover initial design and assessment, as well as final design.
Lagoon Rd. Install Generator/Conduit		Lagoon Rd. has 3 pump station which pump sewage to one another. These station have no back up power. These funds would be available to purchase a generator and connect all three stations up. Improved contingency -SSMP compliance

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Undesignated Capital Projects		These monies are for unforeseen problems within the collection system
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PARADISE COVE PLANT CAPITAL IMPROVEMENT PROGRAM

Project Description	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Generator Replacement		75,000					75,000
Undesignated Cap Projects	10,000	10,000	20,000	20,000	10,000	10,000	80,000
Paint Treatment Plant	20,000						20,000
<i>Paradise Cove Total</i>	30,000	85,000	20,000	20,000	10,000	10,000	175,000

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PARADISE COVE CAPITAL IMPROVEMENT PROJECTS

<i>Paradise Cove Project Name</i>	<i>Risk</i>	<i>DESCRIPTION</i>
Generator Replacement		The Generator at the Paradise cove Plant will need to be replaced within the next several years and sized properly for future UV disinfection.
UV Disinfection		Possible Installation of UV disinfection- Eliminates the transportation of chemicals to the PC plant Will need a feasibility study and permit assistance- visit during NPDES renewal 15-16'
Undesignated Capital Projects		These Funds will be used for unforeseen Projects

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SUMMARY OF CAPITAL IMPROVEMENT PROGRAM

Project Description	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Main Plant	1,841,100	105,000	55,000	90,000	100,000	80,000	2,271,100
Tiburon Pumps & Lines	972,000	280,000	220,000	225,000	275,000	225,000	2,197,000
Belvedere Pumps & Lines	905,000	715,000	425,000	325,000	375,000	215,000	2,960,000
Paradise Cove	30,000	85,000	20,000	20,000	10,000	10,000	175,000
TOTAL	3,748,100	1,185,000	720,000	660,000	760,000	530,000	7,603,100