

Sewerage Agency of Southern Marin
 2015/16 Budget Report Draft
 EQUIVALENT DWELLING UNIT COUNT and
 CAPACITY ALLOCATION REPORT

Final EDU Count for 2015 Presented to the SASM Board on June 18, 2015.

Agency	Single family		Multiple family		Second units		Nonresidential	
	2014	2015	2014	2015	2014	2015	2014	2015
Almonte	747.0	747.0	(2)	(2)	(2)	(2)	86.0	69.9
Alto	235.0	229.0	281.0	277.0	(1)	(1)	20.7	75.3
HVSD	1,038.0	1,068.0	(1.0)	(2)	(1)	(1)	17.6	20.0
Mill Valley	4,489.0	5,891.0	1,669.0	(2.0)	(1)	(1)	1,176.0	1,516.7
RBSD	2,950.4	2,835.0	1,293.0	1,293.0	78.0	(1.0)	777.6	957.4
TCSD	125.0	125.0	0.0	0.0	(1)	1.0	40.4	40.4
Totals	9,584.4	10,895.0	3,242.0	1,568.0	78.0	0.0	2,118.3	2,679.6

- (1) included in multiple family count
- (2) included in single family count

Agency	Total EDU's		% of total	
	2014	2015	2014	2015
Almonte	833.0	816.9	5.57	5.39
Alto	537.8	581.3	3.60	3.84
HVSD	1,055.6	1,088.0	7.06	7.18
Mill Valley	7,345.0	7,407.7	49.10	48.91
RBSD	5,021.0	5,085.4	33.57	33.58
TCSD	165.4	165.4	1.11	1.09
Totals	14,957.8	15,144.6	100.00	100.00

Initial capital (%)	Capacity allocation (EDU's)	Excess capacity (EDU's)
5.2	985.2	168.3
3.4	644.2	62.9
7.3	1,383.1	295.1
49.2	9,321.4	1,913.8
33.5	6,346.9	1,261.5
1.4	265.2	99.8
100.0	18,946.0	3,801.4

**Sewerage Agency of Southern Marin
2015/16 Budget Report Draft
MEMBER AGENCY ASSESSMENTS**

The total Member Agency Assessment for 2015/16 is \$4,314,989. This figure is distributed as follows:

	Capital		O & M		14/15	15/16
	% (1)	Amount	% (2)	Amount	Total assessment	Total assessment
Almonte S.D.	5.20	11,668	5.39	220,411	232,051	232,080
Alto S.D.	3.40	7,778	3.84	156,843	150,085	164,621
HVSD	7.30	16,699	7.18	293,558	295,857	310,257
Mill Valley	49.20	112,773	48.91	1,998,691	2,057,912	2,111,464
RBSD	33.50	76,632	33.58	1,372,115	1,406,242	1,448,746
TCSD	1.40	3,203	1.09	44,619	47,163	47,822
	100.0	\$228,751	100.0	\$4,086,238	\$4,189,310	\$4,314,989

(1) Allocated capacity of treatment works

(2) Current Member Agency EDU counts used to calculate percentages

Capital = Capital Improvements - Water Sales +/- Reserve Allocation

O & M = O & M - Fees - MV Station O&M

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LINE ITEM BUDGET - Page 1 of 2

TOTAL EXPENSES = \$4,212,316

1.	Operation, Maintenance and Administration.....		4,142,316
1.1.1	Salaries - Full Time.....	1,334,131	
1.1.2	Salaries - Part Time.....	0	
1.2	Overtime.....	18,000	
1.3	Employee Benefits.....	597,600	
1.4	Office Expense.....	9,250	
1.5	Postage.....	1,200	
1.6	Special Department Expense.....	121,000	
1.6.1	Lab Supplies.....	19,000	
1.6.2	Chlorine.....	45,000	
1.6.3	Polymer.....	30,000	
1.6.4	Safety expense.....	19,000	
1.6.5	Others.....	8,000	
1.7	Clothing and Personal Supplies.....		17,000
1.8	Communications.....		14,000
1.8.1	Office Telephone.....	8,500	
1.8.2	Telemetry Line Lease.....	5,500	
1.9	Utilities.....		301,000
1.9.1	Water.....	30,000	
1.9.2	Electricity.....	269,000	
1.9.3	Gas.....	2,000	
1.10	Buildings and Grounds Maintenance.....		44,500
1.10.1	Landscape Maintenance.....	16,000	
1.10.2	Contract Building Maintenance.....	20,000	
1.10.3	Building Materials and Supplies.....	8,500	
1.11	Equipment Maintenance.....		281,700
1.11.1	Lubricants.....	1,000	
1.11.2	Diesel Fuel.....	1,200	
1.11.3	Parts and Materials.....	74,000	
1.11.4	Contract Labor and Repairs.....	115,000	
1.11.5	Vehicle Fuel.....	8,000	
1.11.6	Vehicle Maintenance.....	7,000	
1.11.7	Spare Parts.....	5,500	
1.11.8	Lift Stations.....	45,000	
1.11.9	Major maintenance & upgrades....	25,000	

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EXPENSES (continued)

1.	Operation, Maintenance and Administration (continued)		
1.12	Specialized Services.....	792,353	
1.12.1	Sludge Disposal.....	72,000	
1.12.2	Outside Laboratory.....	32,000	
1.12.3	Mill Valley Administration.....	202,353	
1.12.4	Engineering Consultants.....	165,000	
1.12.5	Miscellaneous Services.....	18,000	
1.12.6	Legal and Fiscal Consultants.....	20,000	
1.12.7	Sanitary Dist. 5 Contract.....	97,000	
1.12.8	Permits and fees.....	96,000	
1.12.9	Sewer system maintenance	90,000	
1.13	Insurance.....	50,000	
1.14	Membership and Training.....	19,000	
1.15	Other expenses.....	8,000	
1.15	Equipment.....	32,700	
1.16	Contingency.....	0	
1.17	Retiree Health Care.....	266,557	
1.18	Debt Service Principal	95,000	
1.19	Debt Service Interest	139,325	
2.	Capital Improvements.....		
2.1	SCADA System Upgrade Phase 4		70,000
2.2	Private Laterals		100,000
2.3	Rehabilitate Outfall RipRap*		70,000
2.4	Rehabilitate Outfall Corrosion Protection Stations		120,000
2.5			
		Total CIP	360,000
	TOTAL REVENUES =	\$4,414,067	
1.	Member Agency Assessments.....		4,314,989
1.1	Almonte Sanitary District.....	232,080	
1.2	Alto Sanitary District.....	164,621	
1.3	Homestead Valley Sanitary District.....	310,257	
1.4	Mill Valley.....	2,111,464	
1.5	Richardson Bay Sanitary District.....	1,448,746	
1.6	Tamalpais Community Services District.....	47,822	
2.	Interest on Investments.....		3,000
3.	Fees.....		32,000
4.	Water Sales.....		18,000
5.	Mill Valley Station O&M.....		24,078
6.	SASM Lab Revenue		22,000
	Allocation to Reserves:	\$131,751	

*Not Bond Funded

Sewerage Agency of Southern Marin
 FY 2015-16
 O & M BUDGET CHANGES

		Budget		Increase (decrease)	
		14-15	15-16	Amount	% Change
1.1.1	Salaries - Full Time	1,298,930	1,334,131	35,201	2.7
1.1.2	Salaries - Part Time	10,000	0	(10,000)	0.0
1.2	Overtime	16,000	18,000	2,000	12.5
1.3	Employee Benefits	571,308	597,600	26,292	4.6
1.4	Office Expense	9,000	9,250	250	2.8
1.5	Postage	1,300	1,200	(100)	(7.7)
1.6.1	Lab Supplies	18,000	19,000	1,000	5.6
1.6.2	Chlorine	45,000	45,000	0	0.0
1.6.3	Polymer	28,000	30,000	2,000	7.1
1.6.4	Safety expense	18,000	19,000	1,000	5.6
1.6.5	Other	7,000	8,000	1,000	14.3
1.7	Clothing and Personal Supplies	18,000	17,000	(1,000)	(5.6)
1.8.1	Office Telephone	8,000	8,500	500	6.3
1.8.2	Telemetry Line Lease	5,000	5,500	500	10.0
1.9.1	Water	10,000	30,000	20,000	200.0
1.9.2	Electricity	269,000	269,000	0	0.0
1.9.3	Natural gas	2,000	2,000	0	0.0
1.10.1	Landscape maintenance	16,112	16,000	(112)	(0.7)
1.10.2	Building Contract Maintenance	17,500	20,000	2,500	14.3
1.10.3	Building Materials and Supplies	8,000	8,500	500	6.3
1.11.1	Lubricants	1,000	1,000	0	0.0
1.11.2	Diesel Fuel	1,200	1,200	0	0.0
1.11.3	Parts and Materials	73,000	74,000	1,000	1.4
1.11.4	Contract Labor and Repairs	114,175	115,000	825	0.7
1.11.5	Vehicle Fuel	10,000	8,000	(2,000)	(20.0)
1.11.6	Vehicle Maintenance	7,000	7,000	0	0.0
1.11.7	Spare Parts	5,000	5,500	500	10.0

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O & M BUDGET CHANGES (continued)**

	Budget		Increase (decrease)	
	14-15	15-16	Amount	% Change
1.11.8 Lift Stations	40,000	45,000	5,000	12.5
1.11.9 Major maintenance & upgrades	25,000	25,000	0	0.0
1.12.1 Sludge Disposal	70,000	72,000	2,000	2.9
1.12.2 Outside Laboratory	32,000	32,000	0	0.0
1.12.3 Mill Valley Administration	204,880	202,353	(2,527)	(1.2)
1.12.4 Engineering Consultants	230,000	165,000	(65,000)	(28.3)
1.12.5 Miscellaneous Services	15,000	18,000	3,000	20.0
1.12.6 Legal and Fiscal Consultants	17,000	20,000	3,000	17.6
1.12.7 Sanitary Dist. 5 Contract	110,000	97,000	(13,000)	(11.8)
1.12.8 Permits and fees	95,000	96,000	1,000	1.1
1.12.9 Sewer system maintenance	90,758	90,000	(758)	(0.8)
1.13 Insurance	45,000	50,000	5,000	11.1
1.14 Membership and Training	18,000	19,000	1,000	5.6
1.15 Equipment	18,500	32,700	14,200	76.8
1.16 Other	10,000	8,000	(2,000)	(20.0)
1.17 Retiree Health Insurance	222,795	266,557	43,762	19.6
1.18 Contingency	0	0	0	0.0
1.19 Bond Principal	90,000	95,000		
1.2 Bond Interest	141,175	139,325		
CIP Funded by O&M Budget		70,000.0		70,000.0
Totals	\$4,062,638	\$4,212,316	\$149,678	3.7

Sewerage Agency of Southern Marin

CAPITAL IMPROVEMENT PROGRAM

SCADA System Upgrade Phase 4

This phase of the SCADA upgrade project will address the integration of the remote pump stations, the new belt filter press additional alarms. The Main Control room old control panel will be retrofitted and upgraded.

Private Lateral Replacement Project SEP (*Ongoing*)

As required by the Regional Water Resources Control Board, SASM is to make available \$50,000 per year for assisting property owners with inspecting, repairing or replacing private lateral sewer lines. This is in addition to mandated by ACL loan and grant program that ends in May 2018, pending repairs of 200 laterals.

Rehabilitate Outfall RipRap Protection

The regular outfall inspection revealed the active soil erosion along the Tiburon shoreline at the Richardson Bay. The erosion appears to be active and has displaced rip rap slope protection in the are of about 400-500 feet long. The SASM effluent line could be compromised if the erosion continues and undermines and exposes the pipe resulting in a risk of failure of this critical facility. This project is designed to remedy this erosion and provide a reliable protection for the outfall line.

Rehabilitate Outfall CP (corrosion protection system)

During the FY 2014-15 a larger portion of the Outfall corrosion protection system rehabilitation was addressed, including the design of the CP-2 (Corrosion Protection Station 2). The remaining smaller segment of the Outfall is below the sea level and require a different approach and expertise, including a diving contractor for the installation.

Design of Wastewater Facilites Master Plan 5-year CIP

The Master Plan identifies the need for the capital improvements in the next 5 years in the amount close to \$29M. The construction of most these projects in not to start until FY2016-17 and there is no need to borrow all the required funds in the first year. The cost for design ie estimated at \$2M.

Miller Avenue Sewer Improvements

The City of Mill Valley is planning to undertake a major sewer improvement project on Miller Ave, called Streetscape estimated at approximately \$3.9M. During a development phase of this project the condition assessment of the Miller Ave sewer pipes was performed that included the sewer lines owned by SASM. Staff received a memorandum from the City's consultant that identified the defective pipes owned by SASM with approximate cost of required repairs close to \$600,000. With the design, construction management and contingencies the required budget for this project is around \$800,000.