NORTH MARIN
WATER DISTRICT

999 Rush Creek Place
PO Box 146
Novato, CA 94948
Phone 415.897.4133
www.nmwd.com

Adopted

BUDGETS

Novato & West Marin Service Areas

FISCAL YEAR

2009/10

INTRODUCTION

This document contains the fiscal year 2009/10 budgets for North Marin Water District's various enterprise service districts located in Marin County. These are:

Potable Water Service:
- Novato
- West Marin (Point Reyes Station, Inverness Park, Olema, Bear Valley, Silver Hills & Paradise Ranch Estates)

Recycled Water Transmission and Distribution:
- Novato

Sewage Collection, Treatment & Reuse/Disposal:
- Oceana Marin

Accompanying the operating budgets are improvement project expenditures for the fiscal year. Questions regarding these budgets may be directed to David L. Bentley, Auditor-Controller, at (415) 897-4133 x 8310.

MISSION STATEMENT

We provide an adequate supply of safe, reliable and high quality water and deliver reliable and continuous sewer service to our customers at reasonable cost consistent with good conservation practices and minimum environmental impact.

VISION STATEMENT

We carry out our mission with a highly motivated and competent staff empowered to conduct the District's business by placing customer needs and welfare first. We seek continual dialogue from our staff, peers, and all those we serve so that we may continually improve service to our customers.

ORGANIZATION FACT SHEET
July 2009

Organization:

5 Directors elected at large for 4-year terms
- Dennis Rodoni, President
- Jack Baker, Vice President
- Rick Fraites
- Stephen Petterle
- John C. Schoonover

1 General Manager, Chris DeGabriele (serves at the pleasure of the Board of Directors)

4 Departments

Administration & Finance	- David L. Bentley
Engineering	- Drew McIntyre
Construction/Maintenance	- Doug Moore
Operations/Maintenance	- Robert Clark

60 Employees (58.3 regular full-time-equivalent authorized)

Authority:

Formed by voter approval in April 1948 pursuant to provisions of the County Water District Law (refer Water Code - Division 12). A "voter-run" district.

Territory:

100 square miles (see attached map)

Current Service Functions:

Water Service:
- Novato
- West Marin

Recycled Water Service
- Novato

Sewer Service:
- Oceana Marin

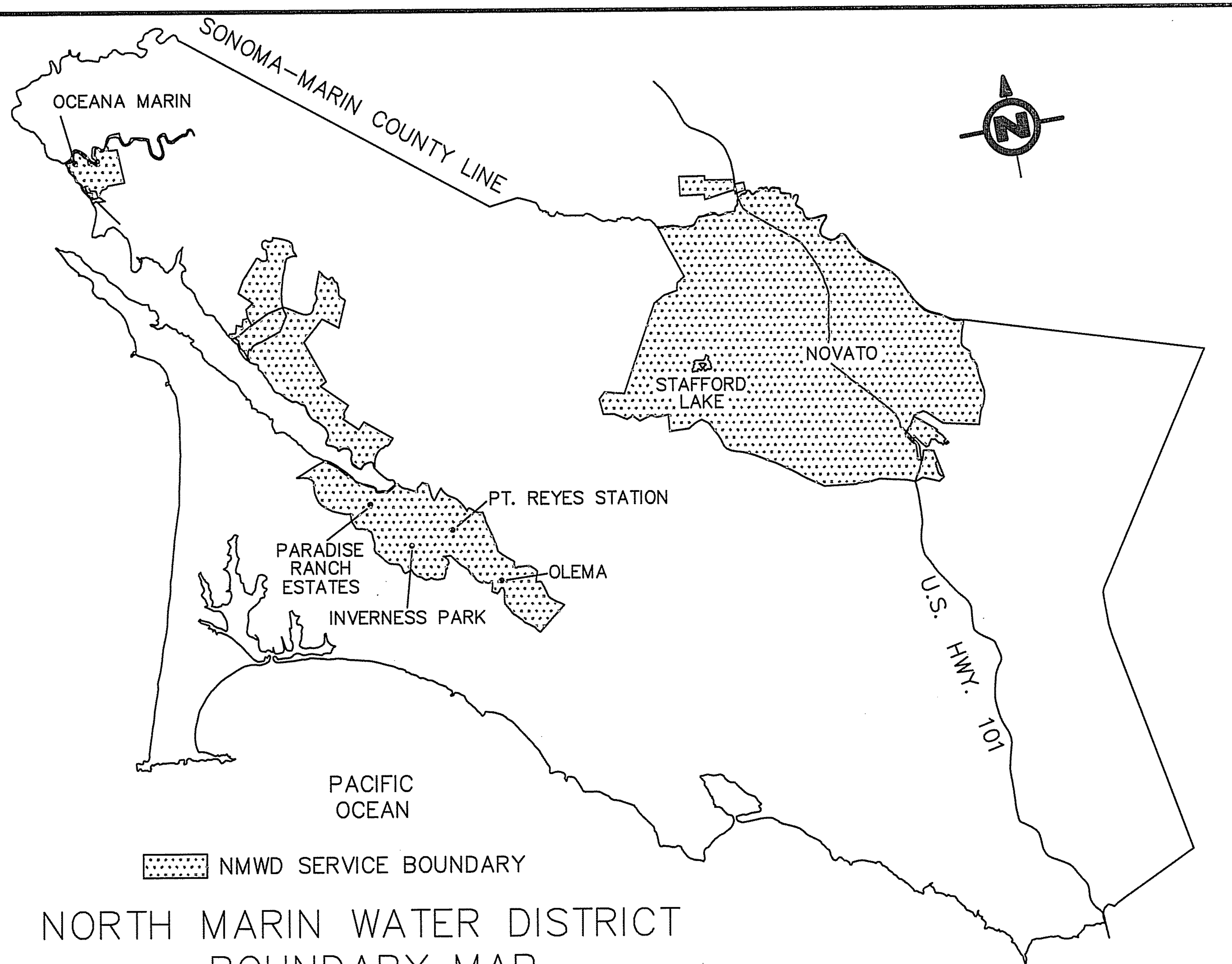
Latent (unpracticed) Service Functions:

Fire protection	Flood control
Recreational facilities	Solar energy device sales
Garbage collection/disposal	Power generation (Wind/Hydro/Solar)

Distribution System Expansion Policy:

"Pay-as-you-go." Connection fees for typical single family units vary for each improvement district and are based on the policy that new growth pays the incremental cost to expand the utility plant allocable to said service.

NORTH MARIN WATER DISTRICT BOUNDARY MAP



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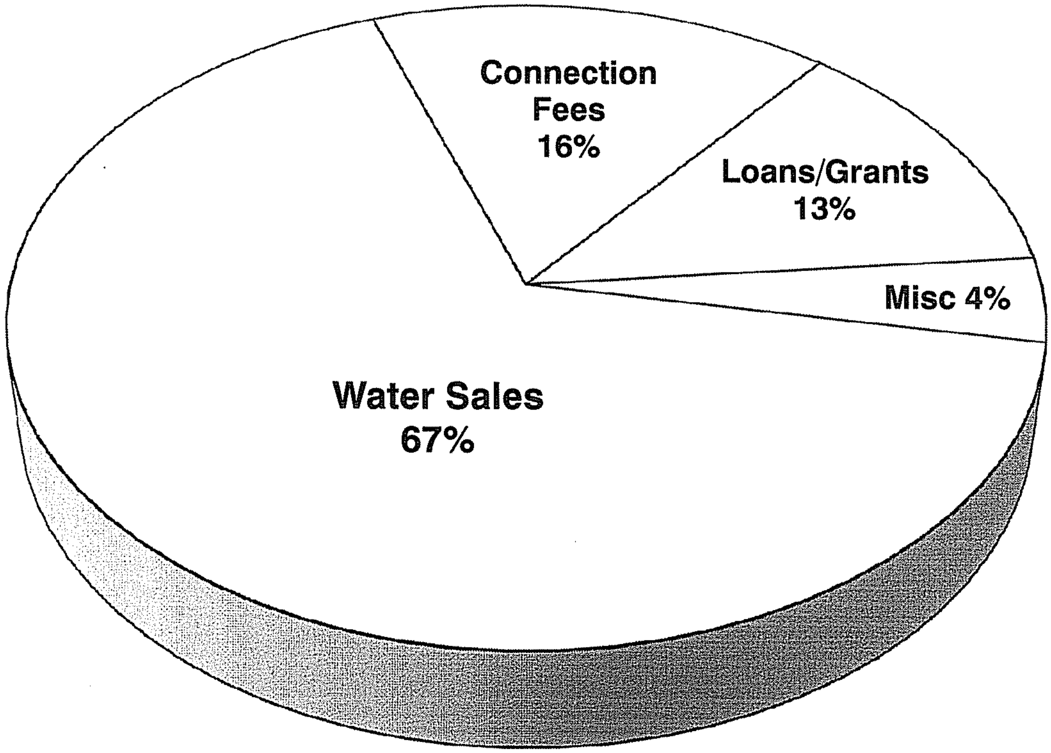
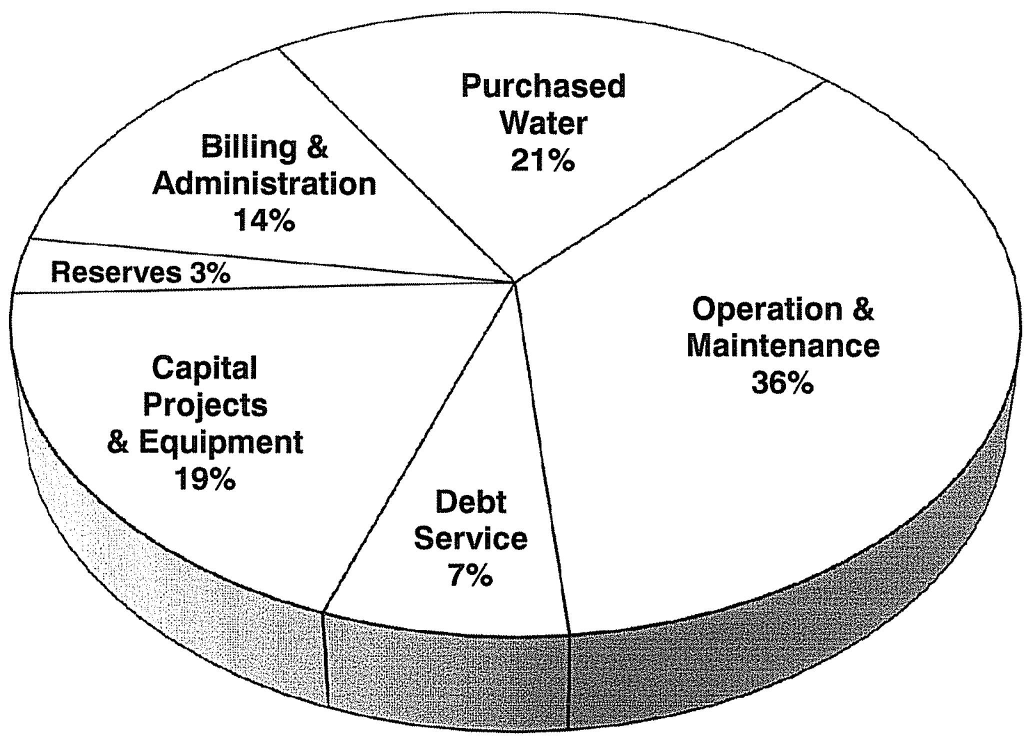
NORTH MARIN WATER DISTRICT
FISCAL YEAR 2009/10 WATER AND SEWER BUDGETS

EQUIPMENT AND IMPROVEMENT PROJECTS

NORTH MARIN WATER DISTRICT
FY10 APPROVED BUDGET - ALL SERVICE AREAS COMBINED
SOURCES = $19,206,000





USES = $19,206,000

NORTH MARIN WATER DISTRICT
BUDGET SUMMARY - ALL SERVICE AREAS COMBINED
Fiscal Year 2009/10

		Approved Budget 2009/10	Estimated Actual 2008/09	Adopted Budget 2008/09
	OPERATING INCOME			
1	Water Sales	**$12,837,000**	$11,901,000	$11,444,000
2	Sewer Service Charges	**151,000**	148,000	150,000
3	Wheeling & Misc Service Charges	**238,000**	579,000	201,000
4	**Total Operating Income**	**$13,226,000**	$12,628,000	$11,795,000
	OPERATING EXPENDITURES			
5	Source of Supply	**$3,930,000**	$4,224,000	$3,579,000
6	Pumping	**411,000**	353,000	402,000
7	Operations	**554,000**	538,000	441,000
8	Water Treatment	**1,775,000**	1,818,000	1,675,000
9	Sewer Service	**91,000**	102,000	89,000
10	Transmission & Distribution	**2,414,000**	2,297,000	2,364,000
11	Consumer Accounting	**513,000**	499,000	512,000
12	General & Administrative	**2,145,000**	1,953,000	2,073,000
13	Other Operating Expense	**1,774,000**	1,853,000	1,812,000
14	**Total Operating Expenditures**	**$13,607,000**	$13,637,000	$12,947,000
15	***NET OPERATING INCOME (LOSS)***	**($381,000)**	($1,009,000)	($1,152,000)
	OTHER SOURCES OF FUNDS			
16	Tax Proceeds	**$111,000**	$106,000	$112,000
17	Interest Revenue	**205,000**	269,000	367,000
18	Connection Fees	**3,127,000**	984,000	400,000
19	Loans/Grants	**2,435,000**	1,065,000	1,489,000
20	Miscellaneous	**102,000**	83,000	76,000
21	**Total Other Sources**	**$5,980,000**	$2,507,000	$2,444,000
	OTHER USES OF FUNDS			
22	Equipment Expenditures	**$218,000**	$198,000	$265,000
23	Capital Improvement Projects	**3,410,000**	3,865,000	5,045,000
24	Bond & Loan Debt Service	**1,332,000**	1,060,000	1,171,000
25	Miscellaneous	**75,000**	20,000	20,000
26	**Total Other Uses**	**$5,035,000**	$5,143,000	$6,501,000
27	**NET SURPLUS/(DEFICIT)***	**$564,000**	($3,645,000)	($5,209,000)
28	Depreciation (not included above)	**$2,518,000**	$2,392,000	$1,726,000

* Line 15+21-26

NOVATO WATER
BUDGET SUMMARY
Fiscal Year 2009/10

		Approved Budget 2009/10	*Estimated Actual 2008/09*	*Adopted Budget 2008/09*
	OPERATING INCOME			
1	Water Sales	**$12,020,000**	$11,220,000	$10,760,000
2	Wheeling & Misc Service Charges	**235,000**	576,000	198,000
3	**Total Operating Income**	**$12,255,000**	$11,796,000	$10,958,000
	OPERATING EXPENDITURES			
4	Source of Supply	**$3,916,000**	$4,222,000	$3,565,000
5	Pumping	**335,000**	303,000	332,000
6	Operations	**489,000**	525,000	411,000
7	Water Treatment	**1,664,000**	1,650,000	1,523,000
8	Transmission & Distribution	**2,287,000**	2,190,000	2,244,000
9	Consumer Accounting	**487,000**	475,000	487,000
10	General Administration	**2,029,000**	1,853,000	1,964,000
11	Other Operating Expense	**1,503,000**	1,583,000	1,495,000
12	**Total Operating Expenditures**	**$12,710,000**	$12,801,000	$12,021,000
13	***NET OPERATING INCOME (LOSS)***	**($455,000)**	($1,005,000)	($1,063,000)
	OTHER SOURCES OF FUNDS			
14	Interest Revenue	**$192,000**	$260,000	$355,000
15	Connection Fees	**3,000,000**	900,000	325,000
16	Loan Funds	**2,000,000**	832,000	1,000,000
17	Miscellaneous	**98,000**	79,000	68,000
18	**Total Other Sources**	**$5,290,000**	$2,071,000	$1,748,000
	OTHER USES OF FUNDS			
19	Capital Equipment Expenditures	**$218,000**	$198,000	$265,000
20	Capital Improvement Projects	**3,360,000**	3,535,000	4,805,000
21	Bond & Loan Debt Service	**994,000**	721,000	825,000
22	Miscellaneous	**20,000**	20,000	20,000
23	**Total Other Uses**	**$4,592,000**	$4,474,000	$5,915,000
24	**NET SURPLUS/(DEFICIT)***	**$243,000**	($3,408,000)	($5,230,000)
25	Depreciation (not included above)	**$2,200,000**	$2,080,000	$1,500,000

* Line 13+18-23

NOVATO WATER OPERATING BUDGET DETAIL
Fiscal Year 2009/10

		Approved Budget 09/10	Estimated Actual 08/09	Adopted Budget 08/09	Actual 07/08	Actual 06/07	Actual 05/06	Actual 04/05	Actual 03/04
	STATISTICS								
1	Total Meters	20,750	20,700	20,740	20,638	20,571	20,485	20,097	19,386
2	Active Meters	20,480	20,425	20,500	20,366	20,325	20,193	19,739	19,130
3	Active Dwelling Units	23,900	23,850	23,830	23,702	23,698	23,522	22,801	22,130
	OPERATING INCOME								
4	Water Sales	$12,020,000	$11,220,000	$10,760,000	$10,384,740	$10,601,455	$9,351,911	$8,796,521	$7,834,683
5	Sales to MMWD		351,000	0	0	0	0	0	0
6	Wheeling Charges-MMWD	80,000	77,000	80,000	76,588	74,962	71,292	78,533	77,921
7	SCWA Water Conservation Reimb	0	0	0	359,748	283,242	198,976	203,363	208,256
8	Miscellaneous Service Revenue	155,000	148,000	118,000	161,238	234,539	103,104	100,212	121,071
9	**TOTAL OPERATING INCOME**	**$12,255,000**	**$11,796,000**	**$10,958,000**	**$10,982,314**	**$11,194,198**	**$9,725,283**	**$9,178,629**	**$8,241,931**
	OPERATING EXPENSE								
	SOURCE OF SUPPLY								
10	Supervision & Engineering	$6,000	$2,000	$8,000	$2,391	$15,420	$20,736	$20,494	$17,764
11	Operating Expense - Source	5,000	4,000	6,000	3,109	6,709	11,695	9,952	15,088
12	Maintenance/Monitoring of Dam	20,000	6,000	20,000	6,078	5,768	7,816	1,951	5,658
13	Maintenance of Lake & Intakes	11,000	11,000	13,000	0	28	975	3,953	1,405
14	Maintenance of Watershed	33,000	37,000	35,000	9,177	12,506	12,213	6,466	7,932
15	Water Purchased for Resale to MMWD	0	176,000	0	0	0	0	0	0
16	Water Quality Surveillance	11,000	9,000	7,000	9,272	9,659	7,955	7,345	8,640
17	Contract Water - SCWA	4,020,000	4,070,000	3,720,000	3,852,900	4,453,758	4,546,147	3,701,562	3,931,167
18	Reserve Fund Contribution	(190,000)	(93,000)	(244,000)	(114,682)	(1,567)	(107,123)	(101,032)	(89,747)
19	**TOTAL SOURCE OF SUPPLY**	**$3,916,000**	**$4,222,000**	**$3,565,000**	**$3,768,245**	**$4,502,281**	**$4,500,414**	**$3,650,691**	**$3,897,907**
	PUMPING								
20	Operating Expense	$12,000	$5,000	$11,000	$13,333	$27,117	$24,516	$20,985	$15,931
21	Maintenance of Structures/Grounds	40,000	23,000	37,000	15,909	17,736	25,120	15,528	13,935
22	Maintenance of Pumping Equipment	36,000	10,000	37,000	61,907	16,966	33,072	15,395	19,026
23	Electric Power - Pumping	247,000	265,000	247,000	227,916	245,797	215,135	206,611	201,346
24	**TOTAL PUMPING**	**$335,000**	**$303,000**	**$332,000**	**$319,065**	**$307,616**	**$297,843**	**$258,519**	**$250,238**
	OPERATIONS								
25	Supervision & Engineering	$142,000	$162,000	$120,000	$188,926	$155,660	$146,525	$150,125	$115,993
26	Operating Expense	205,000	217,000	146,000	127,350	172,985	170,162	183,534	123,688
27	Maintenance Expense	80,000	88,000	74,000	112,461	108,197	83,182	70,465	56,212
28	Leased Line Expense	22,000	20,000	22,000	19,601	41,809	51,094	20,605	30,231
29	Telemetry Equipment/Controls Maint	40,000	38,000	49,000	37,610	19,979	20,201	49,041	17,948
30	**TOTAL OPERATIONS**	**$489,000**	**$525,000**	**$411,000**	**$485,948**	**$498,630**	**$471,164**	**$473,770**	**$344,072**

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NOVATO WATER OPERATING BUDGET DETAIL
Fiscal Year 2009/10

		Approved Budget 09/10	Estimated Actual 08/09	Adopted Budget 08/09	Actual 07/08	Actual 06/07	Actual 05/06	Actual 04/05	Actual 03/04
	WATER TREATMENT								
31	Supervision & Engineering	$98,000	$121,000	$35,000	$99,218	$101,646	$105,468	$90,468	$95,150
32	Operating Expense	319,000	231,000	341,000	357,877	363,204	278,396	171,346	235,229
33	Purification Chemicals	285,000	294,000	285,000	221,597	63,179	61,336	54,858	90,104
34	Sludge Disposal	56,000	52,000	54,000	49,299	34,844	2,713	47,456	91,733
35	Maintenance of Structures/Grounds	71,000	127,000	63,000	91,550	79,359	96,146	70,156	29,105
36	Purification Equipment Maintenance	138,000	224,000	99,000	203,622	90,608	115,003	70,760	64,285
37	Electric Power - Treatment	120,000	115,000	129,000	113,732	88,596	43,077	47,223	82,221
38	Laboratory Expense (net)	577,000	486,000	517,000	398,173	401,520	417,745	339,809	308,375
39	**TOTAL WATER TREATMENT**	**$1,664,000**	**$1,650,000**	**$1,523,000**	**$1,535,068**	**$1,222,956**	**$1,119,884**	**$892,076**	**$996,202**
	TRANSMISSION & DISTRIBUTION								
40	Supervision & Engineering	$555,000	$550,000	$546,000	$524,345	$522,663	$490,471	$462,815	$353,273
41	Maps & Records	98,000	73,000	93,000	105,509	48,957	53,594	70,115	44,098
42	Operation of T&D System	483,000	435,000	477,000	439,348	395,866	401,962	350,274	275,441
43	Storage Facilities Expense	163,000	135,000	157,000	129,944	115,457	122,069	119,328	94,586
44	Maintenance of Valves & Reliefs	143,000	140,000	142,000	107,354	165,842	131,770	88,487	79,108
45	Maintenance of Mains	99,000	115,000	111,000	143,525	119,713	158,048	102,953	65,827
46	Backflow Prevention Program	80,000	79,000	88,000	108,835	76,174	64,245	49,165	44,770
47	Maintenance of Copper Services	154,000	175,000	185,000	181,161	233,355	223,527	181,593	116,579
48	Maintenance of PB Service Lines	212,000	246,000	176,000	287,813	258,788	164,930	96,720	104,815
49	Detector Check Assembly Maint	32,000	40,000	53,000	26,483	34,177	16,798	14,391	17,406
50	Maintenance of Meters	178,000	153,000	153,000	135,370	125,337	113,891	106,745	102,672
51	Maintenance of Hydrants	90,000	49,000	63,000	74,700	42,474	42,936	34,422	24,658
52	**TOTAL TRANSMISSION & DISTRIB**	**$2,287,000**	**$2,190,000**	**$2,244,000**	**$2,264,387**	**$2,138,803**	**$1,984,241**	**$1,677,008**	**$1,323,233**
	CONSUMER ACCOUNTING								
53	Meter Reading & Collection	$158,000	$142,000	$157,000	$132,653	$146,286	$133,744	$131,222	$122,349
54	Billing & Accounting	242,000	235,000	249,000	225,062	221,764	219,236	202,692	151,045
55	Contract Billing	19,000	18,000	19,000	18,513	18,292	17,649	17,763	16,913
56	Postage & Supplies	55,000	56,000	55,000	51,960	49,729	44,136	43,436	41,009
57	Uncollectible Accounts	18,000	24,000	12,000	13,507	10,412	16,280	15,663	6,757
58	Office Equipment Expense	10,000	14,000	10,000	14,585	17,208	8,459	5,298	3,437
59	Distributed to West Marin	(15,000)	(14,000)	(15,000)	(14,205)	(14,200)	(13,218)	(12,914)	(9,985)
60	**TOTAL CONSUMER ACCOUNTING**	**$487,000**	**$475,000**	**$487,000**	**$442,075**	**$449,491**	**$426,286**	**$403,160**	**$331,525**

NOVATO WATER OPERATING BUDGET DETAIL

Fiscal Year 2009/10

		Approved Budget 09/10	Estimated Actual 08/09	Adopted Budget 08/09	Actual 07/08	Actual 06/07	Actual 05/06	Actual 04/05	Actual 03/04
	GENERAL & ADMINISTRATION								
61	Director's Expense	$15,000	$14,000	$16,000	$14,600	$14,300	$17,400	$15,700	$12,850
62	Legal Fees	11,000	7,000	11,000	7,824	34,013	15,395	18,320	10,517
63	Auditing Services	31,000	30,000	30,000	22,000	15,250	15,250	9,950	9,950
64	Human Resources	25,000	21,000	23,000	25,598	25,220	5,718	39,319	19,558
65	General Office Salaries	1,191,000	1,144,000	1,154,000	1,020,823	980,772	940,318	754,693	695,350
66	Office Supplies	48,000	56,000	47,000	32,193	37,525	29,941	24,843	22,958
67	Employee Events	8,000	5,000	10,000	4,585				
68	Recruitment Expense	5,000	2,000	6,000	1,325	11,831	7,252	7,809	13,339
69	Other Administrative Expense	20,000	21,000	20,000	20,246	23,149	19,675	21,034	20,657
70	Election Cost	64,000	0	0	51,262	0	250	0	35,445
71	Dues & Subscriptions	45,000	43,000	43,000	40,738	32,203	29,357	36,363	22,627
72	Vehicle Expense	8,000	8,000	8,000	8,193	8,112	8,112	8,788	8,120
73	Meetings, Conf & Training	206,000	106,000	213,000	107,411	108,228	109,126	140,448	103,981
74	Telephone, Water, Gas & Electricity	31,000	29,000	31,000	30,018	35,324	29,073	27,569	30,268
75	Building & Grounds Maintenance	46,000	46,000	45,000	47,389	41,312	44,193	41,204	34,837
76	Office Equipment Expense	99,000	92,000	99,000	78,962	98,577	83,557	51,590	55,171
77	Insurance Premiums & Claims	118,000	138,000	119,000	198,297	182,754	113,664	110,569	132,633
78	Retiree Medical Benefits	167,000	186,000	191,000	182,003	180,771	158,631	126,946	113,163
79	G&A Distributed to West Marin	(109,000)	(95,000)	(102,000)	(86,742)	(73,004)	(65,249)	(60,208)	(51,850)
	TOTAL GENERAL & ADMIN.	**$2,029,000**	**$1,853,000**	**$1,964,000**	**$1,806,725**	**$1,756,337**	**$1,561,663**	**$1,374,937**	**$1,289,574**
	OTHER OPERATING EXPENSE								
80	Expensed Improvement Projects	$1,839,000	$1,856,000	$1,870,000	$1,480,093	$1,607,599	$1,067,410	$1,368,319	$1,460,247
81	Expensed Equipment Purchases	63,000	198,000	41,000	8,531	2,427	11,922	21,219	21,810
82	G&A Applied to Construction Projects	(174,000)	(211,000)	(206,000)	(212,502)	(172,336)	(202,956)	(176,265)	(213,499)
83	(Gain)/Loss on Overhead Charges	(225,000)	(260,000)	(210,000)	(277,413)	(414,082)	(443,118)	(515,294)	(46,353)
84	**TOTAL OTHER OPERATING EXP.**	**$1,503,000**	**$1,583,000**	**$1,495,000**	**$998,709**	**$1,023,608**	**$433,258**	**$697,979**	**$1,222,205**
85									
86	**TOTAL OPERATING EXPENSE**	**$12,710,000**	**$12,801,000**	**$12,021,000**	**$11,620,222**	**$11,899,722**	**$10,794,753**	**$9,428,140**	**$9,654,956**
87	**OPERATING INCOME/(LOSS) BEFORE DEPRECIATION**	**($455,000)**	**($1,005,000)**	**($1,063,000)**	**($637,908)**	**($705,524)**	**($1,069,470)**	**($249,511)**	**($1,413,025)**
88	Non-budgeted Depreciation	$2,200,000	$2,080,000	$1,600,000	$1,530,000	$1,377,612	$968,939	$908,004	$912,581

NOVATO WATER RECAP

Budgeted Revenue/Expense Recap Fiscal Year 2009/2010
Compared To Estimated Actual For Fiscal Year 2008/2009

SOURCE OF FUNDS	Approved Budget 09-10	Estimated Actual 08-09	Increase (Decrease)	Percentage Change	Comments on Budget
Water Sales	$12,020,000	$11,220,000	$800,000	7%	2.9 billion gal w/20% rate increase for all customers
Connection Fees	3,000,000	900,000	2,100,000	233%	Assumes 26 SF homes and 150,000 sq ft of commercial development
Interest Revenue	192,000	260,000	(68,000)	(26%)	Estimated available funds invested at average rate of 2.5%.
Loan Proceeds	2,000,000	832,000	1,168,000	140%	Stafford Solar Power Project - Phase 1
Miscellaneous	333,000	655,000	(322,000)	(49%)	Wheeling Charges, Leases, Reconnect Charges, Backflow Charges, etc
TOTAL SOURCE OF FUNDS	**$17,545,000**	**$13,867,000**	**$3,678,000**	**27%**	
USE OF FUNDS					
OPERATIONS					
Source of Supply	$3,916,000	$4,222,000	($306,000)	(7%)	2,140 MG @ $1,878/MG ($190K offset by debt amortization reserve fund)
Pumping	335,000	303,000	32,000	11%	1.78 Million Kwh at 13.9¢/Kwh
Operations	489,000	525,000	(36,000)	(7%)	Reduction in supervision & general maintenance expense
Water Treatment	1,664,000	1,650,000	14,000	1%	750 MG Production
Transmission & Distribution	2,287,000	2,190,000	97,000	4%	$365K budgeted to replace copper & polybutylene services
Consumer Accounting	487,000	475,000	12,000	3%	2% COLA
General Administration	2,029,000	1,853,000	176,000	9%	$64K for election, Increased training, 2% COLA
Other Operating Expense	1,503,000	1,583,000	(80,000)	(5%)	Increase in Renovation Projects, Reduction in distributed overhead
TOTAL OPERATIONS	**$12,710,000**	**$12,801,000**	**($91,000)**	**(1%)**	
OTHER OUTLAYS					
Capital Equipment	$218,000	$198,000	$20,000	10%	Includes $110K for replacement backhoe, $68K for 3 new pickups
Capital Improvement Project:	3,360,000	3,535,000	(175,000)	(5%)	Includes $2M for Solar Project Phase I & $700K for Crest Tank Phase I
Debt Principal and Interest	994,000	721,000	273,000	38%	Includes $772K for STP SRF loan pmt
Miscellaneous	20,000	20,000	0	0%	Misc.
TOTAL OTHER OUTLAYS	**$4,592,000**	**$4,474,000**	**$118,000**	**3%**	
TOTAL EXPENDITURES	**$17,302,000**[1]	**$17,275,000**	**$27,000**	**0%**	
REVENUE LESS EXPENDITURES	**$243,000**	**($3,408,000)**	**$3,651,000**	**-**	

NOTES
1. This compares to $18,146,000 expense budgeted for 2008/09

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NOVATO WATER - RECYCLED WATER FACILITY
BUDGET SUMMARY
Fiscal Year 2009/10

		Approved Budget 2009/10	Estimated Actual 2008/09	Adopted Budget 2008/09
	OPERATING INCOME			
1	Recycled Water Sales	**$221,000**	$183,000	$175,000
2	**Total Operating Income**	**$221,000**	$183,000	$175,000
	OPERATING EXPENDITURES			
3	Pumping	**$13,000**	$2,000	$0
4	Operations	**37,000**	0	0
5	Treatment	**35,000**	1,000	0
6	Contract Operation - Novato Sanitary	**0**	77,000	78,000
7	Transmission & Distribution	**12,000**	17,000	13,000
8	General Administration	**19,000**	15,000	17,000
9	Other Operating Expense	**40,000**	170,000	168,000
10	**Total Operating Expenditures**	**$156,000**	$282,000	$276,000
11	***NET OPERATING INCOME (LOSS)***	**$65,000**	($99,000)	($101,000)
	OTHER SOURCES OF FUNDS			
12	Interest Revenue	**$4,000**	$4,000	$4,000
13	IRWMP Grant	**244,000**	0	200,000
14	Black Point Partners Contribution	**251,000**	251,000	251,000
15	**Total Other Sources**	**$499,000**	$255,000	$455,000
	OTHER USES OF FUNDS			
16	Replacement Fund Contribution	**$55,000**	$0	$0
17	Capital Improvement Projects	**0**	165,000	110,000
18	SRF Loan Debt Service	**273,000**	273,000	273,000
19	**Total Other Uses**	**$328,000**	$438,000	$383,000
20	**NET SURPLUS/(DEFICIT)***	**$236,000**	($282,000)	($29,000)
21	Depreciation (not included above)	**$135,000**	$134,000	$98,000

* Line 11+15-19

WEST MARIN WATER
BUDGET SUMMARY
Fiscal Year 2009/10

		Approved Budget 2009/10	Estimated Actual 2008/09	Adopted Budget 2008/09
	OPERATING INCOME			
1	Water Sales	**$596,000**	$498,000	$509,000
2	Misc Service Charges	**3,000**	3,000	3,000
3	**Total Operating Income**	**$599,000**	$501,000	$512,000
	OPERATING EXPENDITURES			
4	Source of Supply	**$14,000**	$2,000	$14,000
5	Pumping	**63,000**	48,000	70,000
6	Operations	**28,000**	13,000	30,000
7	Water Treatment	**76,000**	90,000	74,000
8	Transmission & Distribution	**115,000**	90,000	107,000
9	Consumer Accounting	**23,000**	21,000	22,000
10	General Administration	**69,000**	60,000	65,000
11	Other Operating Expense	**186,000**	68,000	87,000
12	**Total Operating Expenditures**	**$574,000**	$392,000	$469,000
13	***NET OPERATING INCOME (LOSS)***	**$25,000**	$109,000	$43,000
	OTHER SOURCES OF FUNDS			
14	PR-2 County Tax Allocation	**$44,000**	$42,000	$45,000
15	PR-3 Tax - Bond Service	**15,000**	13,000	15,000
16	OL-2 Tax - Bond Service	**4,000**	5,000	4,000
17	Interest Revenue	**2,000**	1,000	2,000
18	Connection Fees	**81,000**	75,000	48,000
19	Miscellaneous	**4,000**	4,000	8,000
20	Developer Advances	**(68,000)**	68,000	
21	Loan from (repayment to) Novato	**8,000**	(86,000)	38,000
22	**Total Other Sources**	**$90,000**	$122,000	$160,000
	OTHER USES OF FUNDS			
23	Revenue Bond Debt Service	**$28,000**	$28,000	$28,000
24	G.O. Bond Debt Service	**19,000**	19,000	19,000
25	EDA Drought Loan Amortization	**3,000**	3,000	3,000
26	Interdistrict Loan Interest	**15,000**	16,000	23,000
27	Capital Improvement Projects	**50,000**	165,000	130,000
28	**Total Other Uses**	**$115,000**	$231,000	$203,000
29	**NET SURPLUS/(DEFICIT)***	**$0**	$0	$0
30	Depreciation (not included above)	**$145,000**	$142,000	$100,000

* Line 13+22-28

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WEST MARIN WATER

5-Year Financial Plan

#	BASIC DATA	Actual 2006/07	Actual 2007/08	Estimated 2008/09	Approved 2009/10	Projected 2010/11	Projected 2011/12	Projected 2012/13	Projected 2013/14
1	Active Services	765	758	760	765	770	775	780	785
2	Avg Commodity Rate/1,000 Gal	$4.40	$4.54	$4.92	$5.86	$6.39	$6.96	$7.60	$7.60
3	Potable Consumption (MG)	93	87	86	87	87	87	87	87
	INCOME								
4	Commodity Charge	$410,099	$395,786	$422,000	$510,000	$556,000	$606,000	$661,000	$661,000
5	Minimum Charge	70,870	70,200	76,000	86,000	94,000	102,000	111,000	111,000
6	Irrigation Water Sales	16,099	7,400	0	0	0	0	0	0
7	Connection Fee	38,800	84,000	75,000	81,000	114,000	114,000	114,000	114,000
8	PR-2 County Tax Allocation	37,347	43,597	42,000	44,000	46,000	48,000	50,000	53,000
9	PR-3 G.O. Bond Tax	15,645	14,173	13,000	15,000	15,000	15,000	15,000	0
10	OL-2 G.O. Bond Tax	4,284	4,863	5,000	4,000	4,000	4,000	4,000	4,000
11	Interest	1,252	2,363	1,000	2,000	2,000	2,000	2,000	2,000
12	Miscellaneous	32,501	7,873	7,000	7,000	7,000	7,000	7,000	7,000
13	**TOTAL INCOME**	**$626,897**	**$630,255**	**$641,000**	**$749,000**	**$838,000**	**$898,000**	**$964,000**	**$952,000**
	EXPENDITURES								
14	Operating Expenditures	$339,927	353,468	$324,000	$388,000	$400,000	$412,000	$424,000	$437,000
15	Bond & Loan Debt Service	54,431	48,274	50,000	50,000	49,000	48,000	113,000	242,000
16	Interdistrict Loan Interest	17,458	19,302	16,000	15,000	15,000	12,000	5,000	0
17	**TOTAL EXPENDITURES**	**$411,816**	**$421,044**	**$390,000**	**$453,000**	**$464,000**	**$472,000**	**$542,000**	**$679,000**
	NET INCOME BEFORE PROJECTS	**$215,081**	**$209,211**	**$251,000**	**$296,000**	**$374,000**	**$426,000**	**$422,000**	**$273,000**
	OTHER SOURCES/(USES)								
18	Improvement Projects	(149,675)	(340,637)	(233,000)	(236,000)	(269,000)	(972,000)	(2,081,000)	(1,806,000)
19	Gallagher Pipeline & TP Grant/Loan						800,000	1,800,000	1,800,000
20	Loan from (repayment to) Novato	(59,985)	151,206	(86,000)	8,000	(105,000)	(254,000)	(141,000)	(14,000)
21	Net Change in Working Capital	(5,109)	(17,028)	68,000	(68,000)	0	0	0	0
22	**INCREASE (DECREASE) IN CASH**	**$312**	**$2,752**	**$0**	**$0**	**$0**	**$0**	**$0**	**$253,000**
	CASH BALANCE								
23	Operating Reserve	$0	$0	$0	$0	$0	$0	$0	$183,000
24	System Expansion Reserve	0	0	0	0	0	0	0	0
25	Liability Contingency Reserve	0	0	0	0	0	0	0	70,000
26	Bond Redemption Reserve	52,061	54,813	55,000	55,000	55,000	55,000	55,000	55,000
27	**TOTAL CASH BALANCE**	**$52,061**	**$54,813**	**$55,000**	**$55,000**	**$55,000**	**$55,000**	**$55,000**	**$308,000**
28	Amount Due to Novato Water	$440,300	$591,506	$506,000	$514,000	$409,000	$155,000	$14,000	$0
29	Non-Budgeted Depreciation	$85,317	$94,215	$142,000	$145,000	$149,000	$153,000	$169,000	$204,000

WEST MARIN WATER
NOTES

\# KEY

West Marin Water includes the communities of Point Reyes Station, Inverness Park, Olema, Bear Valley, Silver Hills and Paradise Ranch Estates (PRE).

1 Assumes annual increase of 5 connections/year which is the 10 year average.

2 Commodity rate increase of 9% effective 8/1/09. Approved rates are: Point Reyes Station = $5.19/1,000 gallons; Bear Valley, Inverness Park, Silver Hills & Paradise Ranch Estates lower zone =$5.33/1,000; Olema = $5.71/1,000; Paradise Ranch Estate Upper Zone = $8.66/1,000; Point Reyes Station Outside Customers = $7.26/1,000. In addition, a new tier rate of $2.00/1,000 gallons applicable to residential use between 400 and 900 gallons per day per dwelling unit was approved. The existing tier rate applicable to residential use in excess of 900 gallons per day increasef 9% to $6.35/1000 gallons. Finally, a seasonal rate of $2.00/1,000 gallons applicable to non-residential use between June 15 and October 31 was approved.

3 Projection based on prior 5 year average less discontinued Giacomini Diary operation.

5 A 25% increase in the bimonthly Minimum Service Charge was approved (except for PRE customers) to $13.75 for the typical 5/8" X 3/4" residential meter. No increase was enacted for the existing PRE $37 bimonthly Minimum Service Charge as it is adequate to cover the cost of reading, billing and maintaining the meter, plus the cost of amortizing the revenue bond debt service applicable to customers within the PRE subdivision.

6 Irrigation water sales discontinued in 2007.

7 Connection fee was increased to $16,180 per equivalent dwelling unit effective August 1, 2009, and the $22,800 effective August 1, 2010.

8 PR-2 County Tax Allocation projected to increase at 5% per year.

9, 10 GO Bond Taxes are Proposition 13 Exempt property tax levies that fund general obligation bond debt service.

11 Projected available funds invested at 3%

12 Turn-on, set-up, and backflow device, Horizon CATV site lease & other miscellaneous charges.

14 3% annual increase assumed after FY10.

15 Comprised of three 40-year 5% bonds: 1) 1973 $250,000 GO bond (PR-3) maturing 2013; 2) 1981 $217,800 revenue bond (PR-6) due 2021; and, 3) 1975 $70,000 GO bond (OL-2) due 2015, all purchased by FmHA and an Economic Development Administration $46,000 5% 40-year loan - fully amortized July 1, 2017. On 6/1/91 the OL-2 bond was repurchased by Novato Water upon demand by FmHA.

16 Interdistrict Loan Amortization commencing 2005 to fund the LRIPP. Projection assumes interest only payments at 3% + $50 per month.

17 Excludes depreciation.

18 System Improvements & Special Projects. See 5-year Improvement Projects Forecast.

19 Gallagher Pipeline & Treatment Plant Rehab grant or loan proceeds offset the $4.4 million cost of installation.

20 Interdistrict loan proceeds & repayment to fund the West Marin Long Range Improvement Project Plan (LRIPP).

23 Operating Reserve should be comprised of a minimum of 4 months of operating expenditures as recommended by the District's financial advisors. This reserve should have a balance of $108,000 at June 30, 2009, however the funds have been used to subsidize operating deficits resulting from financing the LRIPP. Future cash generated will accrue to the emergency operating reserve fund until it is whole.

24 System Expansion Reserve is composed of connection fee revenue, the $94,860 Adam's contribution, $33,500 in Mt. Vision Fire insurance proceeds, and $8,000 in PRE Improvement Project Reserve Funds. The System Expansion Reserve was exhausted during FY04/05 to fund the LRIPP.

25 Liability Contingency Reserve - $70,000 is West Marin Water's pro-rata share of the District's $2.5 million liability contingency fund, available to pay liability claims arising within the West Marin water system. This reserve was exhausted during FY04/05 to fund the LRIPP. Future cash generated will accrue to this reserve until it is whole.

26 Bond Redemption Reserve is composed of one year of Revenue Bond debt service for PR-6 & PRE-1 bonds as required by bond covenant plus tax receipts held in the Marin County treasury.

28 Amount Due to Novato Water at fiscal year end.

OCEANA MARIN SEWER
BUDGET SUMMARY
Fiscal Year 2009/10

		Approved Budget 2009/10	Estimated Actual 2008/09	Adopted Budget 2008/09
	OPERATING INCOME			
1	Monthly Sewer Service Charge	**$151,000**	$148,000	$150,000
2	Misc Service Charges	**0**	0	0
3	**Total Operating Income**	**$151,000**	$148,000	$150,000
	OPERATING EXPENDITURES			
4	Sewage Collection	**$16,000**	$17,000	$12,000
5	Sewage Treatment	**14,000**	19,000	12,000
6	Sewage Disposal	**1,000**	1,000	0
7	Contract Operations	**60,000**	65,000	65,000
8	Customer Accounting	**3,000**	3,000	3,000
9	General & Administration	**28,000**	25,000	27,000
10	Other Operating Expense	**45,000**	32,000	62,000
11	**Total Operating Expenditures**	**$167,000**	$162,000	$181,000
12	***NET OPERATING INCOME (LOSS)***	**($16,000)**	($14,000)	($31,000)
	OTHER SOURCES OF FUNDS			
13	OM-1/OM-3 Tax Allocation	**$48,000**	$46,000	$48,000
14	Interest Revenue	**7,000**	4,000	6,000
15	Connection Fees	**46,000**	9,000	27,000
16	Other Misc Revenue	**1,000**	1,000	1,000
17	**Total Other Sources**	**$101,000**	$59,000	$81,000
	OTHER USES OF FUNDS			
18	Capital Improvement Projects	**$0**	$0	$0
19	**Total Other Uses**	**$0**	$0	$0
20	**NET SURPLUS/(DEFICIT)***	**$85,000**	$45,000	$50,000
21	Depreciation (not included above)	**$38,000**	$36,000	$28,000

* Line 12+17-19

OCEANA MARIN SEWER
5-Year Financial Plan

#	BASIC DATA	Actual 2006/07	Actual 2007/08	Estimated 2008/09	Approved 2009/10	Projected 2010/11	Projected 2011/12	Projected 2012/13	Projected 2013/14
1	Number of Connections	220	223	225	228	231	234	237	240
2	Monthly Service Charge	$55.00	$55.00	$55.00	$55.00	$55.00	$55.00	$55.00	$55.00
	INCOME								
3	Monthly Service Charge	$145,605	$146,642	$148,000	$151,000	$153,000	$155,000	$157,000	$159,000
4	OM-1/OM-3 Tax Allocation	40,561	46,021	46,000	48,000	50,000	53,000	56,000	59,000
5	Connection Fees	34,945	9,000	9,000	46,000	46,000	46,000	46,000	46,000
6	Interest Revenue	5,197	7,570	4,000	7,000	10,000	4,000	7,000	9,000
7	Sewer Line Rehab 50% Grant					275,000			
8	Miscellaneous Revenue	38,994	4,455	1,000	1,000	1,000	1,000	1,000	1,000
9	**TOTAL INCOME**	**$265,302**	**$213,688**	**$208,000**	**$253,000**	**$535,000**	**$259,000**	**$267,000**	**$274,000**
10	**OPERATING EXPENDITURES**	**$103,612**	**$111,088**	**$130,000**	**$122,000**	**$126,000**	**$130,000**	**$134,000**	**$138,000**
	OTHER EXPENDITURES								
11	System Improvements/Other	$44,778	$84,998	$33,000	$45,000	$586,000	$45,000	$55,000	$25,000
12	**TOTAL EXPENDITURES**	**$148,390**	**$196,086**	**$163,000**	**$167,000**	**$712,000**	**$175,000**	**$189,000**	**$163,000**
13	Net Change in Working Capital	$7,615	($64,021)	$50,000					
14	**INCREASE (DECREASE) IN CASH**	**$124,527**	**($46,419)**	**$95,000**	**$86,000**	**($177,000)**	**$84,000**	**$78,000**	**$111,000**
	CASH BALANCE								
15	Operating Reserve	$137,893	$80,379	$174,000	$236,000	$140,000	$200,000	$259,000	$336,000
16	Connection Fee Reserve	44,714	55,809	57,000	81,000	0	24,000	43,000	77,000
17	**TOTAL CASH BALANCE**	**$182,607**	**$136,188**	**$231,000**	**$317,000**	**$140,000**	**$224,000**	**$302,000**	**$413,000**
18	Non-Budgeted Depreciation	$27,147	$27,168	$36,000	$38,000	$39,000	$49,000	$50,000	$51,000

OCEANA MARIN SEWER
NOTES

# KEY	
1	Assumes increase of three connections per year, which is the average over the last 10 years. Capacity is estimated at 308 dwelling units.
2	Service charge was increased $5 per month 8/1/04.
4	County tax allocation enacted subsequent to Prop 13 to compensate for O&M tax revenue previously received.
5	Connection Fee increased to $15,200 effective August 1, 2009. Assumes the new connections occur in OM-3 (Units 1 or 5) which are subject to the connection fee.
7	Assumes Cross-Country Sewer Line Replacement project funded 50% by federal stimulus funds.
10	3% annual increase assumed after FY10.
11	System Improvements & Special Projects. See 5-year Improvement Projects Forecast.
13	The large swing in working capital between FY08 and FY19 pertains to $50K in insurance proceeds received as reimbursement for costs incurred in response to the February 2008 effluent spill.
14	Excludes depreciation.
17	Cash available for operation, maintenance and improvements

Approved

Equipment Expenditures

Fiscal Year 2009/2010 Budget

Account		Item	Approved	Notes	Description
	1	**INFORMATION SYSTEMS**			
		Administration			
59603.01.11	a.	Bar Code Scanner (Warehouse Inventory)	$2,000	e,1	One hand-held failed and was replaced in FY09. This will allow replacement of the second scanner
59603.01.11	b.	Bar Code Software Upgrade	13,000	e,1	Vendor will not support the existing software once we upgrade accounting software in August.
59603.01.11	c.	Accounts Payable Direct Deposit Software	4,000	e,1	Accounting software will allow direct deposit of vendor payments, saving postage, envelopes and check stock.
59603.01.11	d.	Network Switches (3)	10,000	e,1	Upgrade network switches to industrial standard. Provides central connectivity for all PCs and servers.
59603.01.11	e.	Software Licenses	5,000	e,1	To stay current on desktop software licensing requirements.
59603.01.11	f.	Desktop PCs (2)	2,000	e,1	Replace two 7-year-old PCs used for inventory barcode system
		Construction			
59603.01.21	g.	Field Tough Laptop PC (2)	6,000	e,1	For Maint Foreman and Pipeline Foreman to be loaded with facility maps for use in the field
		Maintenance			
59603.01.51	h.	Desktop PC	1,000	e,1	To Replace Tech Assistant II Laptop that will be freed-up for Engineering Use as Floater for Temps
		Operations			
59603.01.21	g.	Field Tough Laptop PC	3,000	e,1	Existing SCADA Laptop is 10 years old and showing its age. This is a critical machine for us and the only way to program our remote RTU's if one crashes.
		Engineering			
59603.01.21	h.	Adobe Creative Suite Software	1,000	e	Graphic arts software for water conservation brochures.
59603.01.21	i.	Desktop PCs (2)	2,000	e,1	Replace 7-year old PCs for Engineering Secretary and Service Rep
			$49,000		

Approved

Equipment Expenditures

Fiscal Year 2009/2010 Budget

			Approved	Notes	Description
	2 OPERATIONS				
12108.01.00	a.	Charge Analyzer	$7,000	c	Will allow STP operators to see real time coagulant water charge and filter charge and aid in optimization of chemical dose.
			$7,000		
	3 CONSTRUCTION				
59603.01.41	a.	Desks (4)	$5,000	e,1	Ergonomic replacement desks, credenzas, hutches & file cabinets for Superintendent and Construction Foreman's area
12106.01.00	b.	6" Potable Water Hose (660') & Fittings	15,000	c	For portable pipeline system and work with Hale pump
59603.01.41	c.	Eagle Claw Pipe Puller	2,000	e	16" Pipe Fitting Assembly Tool for pulling together & alligning pipe in the trench
			$22,000		
	4 ADMINISTRATION				
12101.01.00	a.	Digital Recording System for Board Meetings	$12,000	c	Board meeting voices are barely audible using portable hand-held recorder, Auxiliary microphones do not produce satisfactory sound quality. This will digitally record voices in MP3 format for transcription
			$12,000		
	5 MAINTENANCE				
12101.01.00	a.	2-Post Lift with 10,000 Lb Capacity	$6,000	c,1	Lift will be used in the mechanic's shop next to the existing 4-post lift to service smaller vehicles (hybrids and small trucks) that have minimal ground clearance.
			$6,000		
	6 ENGINEERING				
12102.01.00	a.	Workstation Furniture w/Chair	$1,000	e	Temporary/Intern Work Area
			$1,000		

Approved

Equipment Expenditures

Fiscal Year 2009/2010 Budget

			Approved	Notes	Description
	7	**VEHICLE & ROLLING EQUIPMENT EXPENDITURES**			
12104.01.00	a.	Backhoe 4X4 diesel w/Tier 3 Emissions	$110,000	c,1	Replace 1990 backhoe with Tier 0 emissions. New backhoe will replace the oldest backhoe in the fleet and showing its age. It is subject to the CARB off-road emissions rule and not worth the investment to make it compliant with after treatment devices.
12104.01.00	b.	1/2 Ton or Mini-pickup with Tool Box and Radio	22,000	c,1	New pickup will go to the West Marin on-call employee. His '02 Dakota will replace a '95 Ford Ranger with 137,000 miles that will be sent to auction.
12104.01.00	c.	1/2 Ton or Mini-pickup with Tool Box and Radio	22,000	c,1	New pickup will go to the TP Operator residing in WM. His '01 Dakota will replace a 1986 Chev 1500 with 125,000 miles (last carburated vehicle in fleet) that will be sent to auction.
12104.01.00	d.	1/2 Ton 4X4 pickup with Tool Box and Radio	24,000	c,1	New pickup will replace '97 Ford F150 4X4 used at STP to conduct water quality inspections. '97 F150 has 150,000 miles & will be sent to auction.
12104.01.00	e.	Hydraulic Lift Gate & Light Bar	6,000	c	For '08 F250 4X4 used at STP to haul chemicals and for use in flushing program
			$184,000		
		Total	**$281,000**		

Notes:
c: Capital; e: Expense
1 Replacement item.

Improvement Projects

7/9/09

Account	Project	FY10	FY11		FY10 Project Description
	1. PIPELINE REPLACEMENTS/ADDITIONS				
	a. Main/Pipeline Replacements				
1.7112.00	1 Replace Topaz 2" Thin-Wall PVC (Ph II - 42 Svcs)	$150,000		e	Phase II of the project to move services from a 2" thin-wall main behind the sidewalk to the larger main located in Topaz
	2 Clausing Ave Main R&R (6"@700') (CI)		172,000		
		$150,000	$172,000		
	b. Main/Pipeline Additions				
1.7093.00	1 Zone A Extension to Ignacio Area	550,000	350,000	c	Installation of approximately 4,500' of 16" PVC on the west side of Hwy 101 between South Novato Blvd near the freeway onramp to Entrada Dr in the Pt Marin area of Zone 1
		$550,000	$350,000		
	c. PB Service Line Replacements				
1.7113.00	1 Orange Ave - West (12 Services)	24,000		e	Ongoing program to replace polybutylene services
1.7109.00	2 Plaza Hermosa (16 Services)	36,000		e	Ongoing program to replace polybutylene services
1.7110.00	3 PB in Sync w/City Paving (125 Services)	250,000		e	Ongoing program to replace polybutylene services
	4 Other PB Replacements		150,000		
		$310,000	$150,000		
	d. Relocations to Sync w/City & County C.I.P.				
1.8716.06	1 City Paving Coordination (Measure B)	20,000	20,000	e	Provide the City of Novato with time and materials for locating and raising street valves
1.8733.01	2 Redwood Blvd (Rowland to Oak Crest)	20,000		e	Provide the City of Novato with time and materials for locating and raising street valves
1.8735.00	3 Rush Creek	25,000		e	Relocate facilities as required based on as yet unidentified design drawings from the City
	4 Other Relocations		80,000		
		$65,000	$100,000		
		$1,075,000	$772,000		

Improvement Projects

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Account	Project	FY10	FY11		FY10 Project Description
	2. SYSTEM IMPROVEMENTS				
1.6000.39	a. System & Tank Cathodic Protection Maint/Upgrade	$50,000	$25,000	e	Miscellaneous cathodic upgrades are required to protect steel water mains (including NMWD aqueduct) from corrosion
1.8677.17	b. Flushing Taps at Zone Valves (12 biennially)	50,000		e	Install flushing taps to improve water quality
1.7007.05	c. Detector Check Assembly Replacements (7 biennially)	50,000		e	Replace inoperable or non-standard detector check valves with District-standard assemblies
1.7008.06	d. RTU Installations	18,000		e	Replace three Tesco RTUs at Garner, World College West and Windhaven pump stations
1.7054.02	e. Inaccurate Meter Replacement Program	25,000		e	Replacement of inaccurate meters and other plumbing improvements based on recommendations of the meter testing study done in FY05-06
1.7090.01	f. Anode Installations	30,000	30,000	e	Ongoing program to install anodes on copper service laterals exhibiting signs of corrosion - San Marin & Southgate (150/yr)
	g. Pressure Zone Emergency Pump Bypass		35,000		
	h. Sampling Stations (6 biennially)		24,000		
	i. Air Release Valve Upgrades (3 biennially)		36,000		
	j. Other System Improvements		30,000		
		$223,000	$180,000		
	3. BUILDING, YARD & STAFFORD TREATMENT PLANT IMPROVEMENTS				
	a. Administration Building				
	1 HVAC Replacement		$300,000		
	2 Roof Replacement		200,000		
1.6501.40	3 Other Admin Bldg Improvements	25,000	25,000	e	Minor repairs identified throughout the year
		$25,000	$525,000		
	b. Corp. Yard/Warehouse/Construction Office				
1.6502.42	1 Warehouse Racking - Phase II	25,000		e	Complete interior rack and shelving replacement to enhance orderliness, cleanliness and efficiency of warehouse operation
	2 Relocate Vehicle Wash-down Area		10,000		
	3 Pave/Grade Yard (50,000 ft^2) & Add Covered Storage		360,000		
1.6502.43	4 Other Yard Improvements	10,000	15,000	e	Minor repairs identified throughout the year
		$35,000	$385,000		

Improvement Projects

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Account	Project	FY10	FY11		FY10 Project Description
	c. Stafford Treatment Plant				
	1 Watershed Erosion Control				
1.6600.52	a. Straw Project	9,000	9,000	e	Project is a set aside for monies to the STRAW program
1.6600.58	b. Dairy Nutrient Containment	58,000		e	Work within Stafford watershed to reduce nutrient flow loading
1.6600.55	2 Solar Panel Design/Build (Note 1)	2,000,000	2,000,000	c	Design and build solar power generation at the STP
1.6600.59	3 GAC Building Rehab/Paving	60,000		e	Replace the doors, paint the building, & pave the driveway from the GAC building to the high-service pump station
1.6600.60	4 Leveroni Creek Bank Repair	20,000		e	Install rip rap at bend in Leveroni Creek to prevent further erosion of access road into STP washwater recovery basin area
1.6600.61	5 Washwater Tank Removal	15,000		e	Remove the wash water tank at the STP site
1.6600.62	6 Spillway Security Improvements	27,000		e	Address the spillway security issues
1.6600.63	7 Countywide Watershed Plan	100,000		e	Contribution to the Marin County Watershed Stewardship Plan for Novato Creek to address water supply, habitat quality, stream function & flood control; including areas upstream of Stafford Dam
1.6600.64	8 Lake Sediment Survey/Dredging Specs (In-house)	10,000		e	Survey Stafford Lake to measure sediment build-up since the early 1980's to determine when dredging will be needed to assure maximum lake storage volume
1.6600.65	9 Sodium Hydroxide Tank Replacement (10,000 gal)	70,000		e	Replace exterior 5,000 gal steel horizontal sodium hydroxide tank with two interior 2,000 gal polyethylene tanks
		$2,369,000	$2,009,000		
		$2,429,000	$2,919,000		
	4. STORAGE TANKS/PUMP STATIONS				
	a. Clear Tank Sites				
	1 Loma Verde (200,000 gal, 1958)		$50,000		
	b. Tank Construction				
1.6235.00	1 Crest Tank #2 (0.5 MG) (Note 2)	700,000	650,000	c	Construction of a second tank (500,000-gal welded-steel on a concrete ringwall foundation) to address the Crest Zone storage deficit identified in the Master Plan
	c. Tank Rehabilitation				
	1 Lynwood Recoat/Seismic Upgrade (1.2 MG)		50,000		
1.6112.25	d. Lynwood PS Motor Control Center	60,000		e	Replace the motor control and remove the surge control valves
1.6404.20	e. Garner Hydro-pneumatic System Bypass Piping	20,000		e	Modifications to the Garner Tank outlet supply piping to allow water to bypass the hydropneumatic tank during extended power outages
1.6217.20	f. Pacheco Tank Cl2 Mixing System	110,000		c	Design and install a solar operated mixing system
		$890,000	$750,000		

Improvement Projects

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		FY10	FY11	FY10 Project Description
	5. WATER CONSERVATION			
	a. Residential		$382,000	
1.7700.01	1 Cash for Grass Rebates	45,000		e
1.7700.02	2 Landscape Efficiency Rebates	20,000		e
1.7700.03	3 Fixtures Purchases	5,000		e
1.7700.06	4 Washing Machine Rebates	30,500		e
1.7700.07	5 Demonstration Garden Improvements	500		e
1.7700.11	6 Toilet Rebate Single Family	45,000		e
1.7700.12	7 Toilet Rebate Multi-Family	10,000		e
1.7700.13	8 Residential Audits	40,000		e
1.7700.16	9 Water Waste Ordinance Monitoring	30,000		e
1.7700.17	10 Swimming Pool Cover Rebate	1,000		e
1.7700.19	11 ET Controller Rebate	5,000		e
1.7700.08	12 Administration	150,000		e
	b. Commercial		28,000	
1.7701.02	1 Toilet Rebate	20,000		
1.7701.03	2 Commercial Audits	8,000		
	c. Public Outreach/Information		63,000	
1.8672.16	1 Fall Newsletter	8,000		e
1.8672.17	2 Spring Newsletter	12,000		e
1.8672.18	3 Summer Newsletter	12,000		e
1.7700.04	4 Public Outreach (Fair, Farmer's Market)	6,000		e
1.7700.05	5 Marketing	25,000		e
	d. Large Landscape		27,000	
1.8653.02	1 Large Landscape Audits	10,000		e
1.7702.01	2 Large Landscape Budgets	3,000		e
1.7702.02	3 Large Landscape Irrigation Efficiency Rebates	12,000		e
1.8653.01	4 CIMIS	2,000		e
		$500,000	$500,000	

Improvement Projects

7/9/09

		FY10	FY11		FY10 Project Description
	6. PRELIMINARY PROJECT ENGINEERING & STUDY				
1.7042.00	a. Facility Map Database	$20,000	$20,000	e	Staff time with consultant support to expand development of a Novato Water System Geographic Information System (GIS) to improve information management contained within the facility maps and improve access and retrievability of important asset management information
1.7060.00	b. Retiree Health Benefit Actuarial Study	5,000		e	GASB 45 required actuarial update of the retiree health insurance liability study will allow assessment of the adequacy of the District's funding plan
1.7114.00	c. Crest 2nd Zone Modification Study (In-house)	10,000		e	Assess feasibility of looping Crest zone water in the southern Crest/Black Point area to reduce vulnerability to a major waterline rupture of the single pipeline serving the area
1.7115.00	d. Old Novato Wells Abandonment Study (In-house)	15,000		e	Locate old wells used by the private water company purchased by NMWD in 1948 which were never officially abandoned, are not in conformance with State requirements, and are still identified by the State as being NMWD wells
1.7116.00	e. STP Capacity/Solids Disposal Study (In-house)	20,000		e	Assess feasibility to expand STP output capacity to 8 mgd, and evaluate alternatives to discharging backwash solids to NSD
1.7020.00	f. Long Range Plan Update - Board Workshop	2,000		e	Biennial all-day workshop with BOD and Department Managers to review District progress toward established goals
		$72,000	$20,000		
	7. LIABILITY/SAFETY MODIFICATIONS				
1.7064.01	a. Risk Audit	$10,000		e	Risk consultant review of District facilities to identify and propose recommendations to reduce liability risk
	b. Misc. Security Enhancements		15,000		
		$10,000	$15,000		
	8. RECYCLED WATER				
1.6900.22	a. North Bay Reuse Authority EIR	$40,000		e	Continued funding to complete the project environmental phase and support of additional NBWRA efforts to obtain Federal/State grants for Novato recycled water projects.
	b. Reservoir Hill Tank Property Transfer		5,000		
	c. Expansion to Valley Memorial Cemetery (Note 3)		335,000		
	d. Other Recycled Water Expenditures		20,000		
		$40,000	$360,000		

Improvement Projects

7/9/09

			FY10	FY11		FY10 Project Description
	9	WEST MARIN WATER SYSTEM				
		System Improvements:				
2.7055.03		a. Radio Read Meter Installation	$5,000		e	Completion of the radio-read meter installation program, where radio read meters are installed in unsafe and difficult locations.
2.7117.00		b. Replace PRE 2" Galvanized Steel Pipe	100,000		e	Scheduled phase of multi-year project to replace old 2" galvanized steel pipeline in PRE that has a high frequency of leak & failure
2.6257.20		c. Tank Seismic Upgrades	75,000		e	Piping change to PRS tanks to minimize seismic event damage
2.6601.32		d. TP Solids Handling & Land Acquisition	50,000	200,000	c	Plan, design and purchase land for future construction of a 100,000 gal solids-handling tank
		e. Cable Connection to TP		13,000		
		f. Replace PRE Tank #4B (25,000 gal w/82,000 gal Tank)		50,000		
		Special Projects/Studies:				
2.5166.00		a. Water Conservation Program	6,000	6,000	e	$2,500 residential, $2,500 non-residential, $1,000 public outreach
			$236,000	$269,000		
	10	OCEANA MARIN SEWER SYSTEM				
8.8672.24		a. Infiltration Study & Repair	$15,000	$15,000	e	Ongoing work to identify and repair collection pipelines to prevent rainwater from leaking into the system
8.7103.00		b. Oceana Marin Remote Alarms	20,000		e	Integrate the Old Dillon Lift Station & disposal pond remote alarm into the SCADA system.
		c. Replace Siphon Dosage Tank		11,000		
		d. Cross Country Sewer Line Rehab (4,000') (Note 4)		550,000		
8.7105.00		e. Equipment Replacement/Upgrade	10,000	10,000	e	Budget to cover costs submitted by Phillips & Associates related to periodic equipment replacement and upgrades necessary as part of day to day wastewater treatment plant operation.
			$45,000	$586,000		
		GROSS PROJECT OUTLAY	$5,520,000	$6,371,000		

Improvement Projects

7/9/09

	FY10	FY11		FY10 Project Description
11. LESS FUNDED BY LOANS/OTHER				
a. STP Solar Panel Design Build (Note 1)	($2,000,000)	($2,000,000)	c	Solar Project funded by loan
b. RWF Expansion to Valley Memorial (Note 3)	0	(210,000)	c	RWF Valley Memorial project funded 25% by Fed/State Grant; 37% by NSD; balance from Novato Water FRC funds
c. OM Cross-Country Sewer Line Rehab (Note 4)	0	(550,000)	c	Cross-Country Sewer Line Replacement funded by Stimulus funds
	($2,000,000)	($2,760,000)		

NET PROJECT OUTLAY

	FY10	FY11
NOVATO WATER	$3,199,000	$3,156,000
RECYCLED WATER FACILITY	40,000	150,000
WEST MARIN WATER	236,000	269,000
OCEANA MARIN SEWER	45,000	36,000
NET PROJECT OUTLAY	$3,520,000	$3,611,000
Total Number of Projects	51	39

Note 1 - Solar Project funded by loan
Note 2 - Crest Tank #2 funded 25% by FRC funds.
Note 3 - RWF Valley Memorial project funded 25% by Fed/State Grant; 37% by NSD; balance from Novato Water FRC funds
Note 4 - OM Cross-Country Sewer Line Replacement funded by Stimulus funds

e: expense project; c: capital project