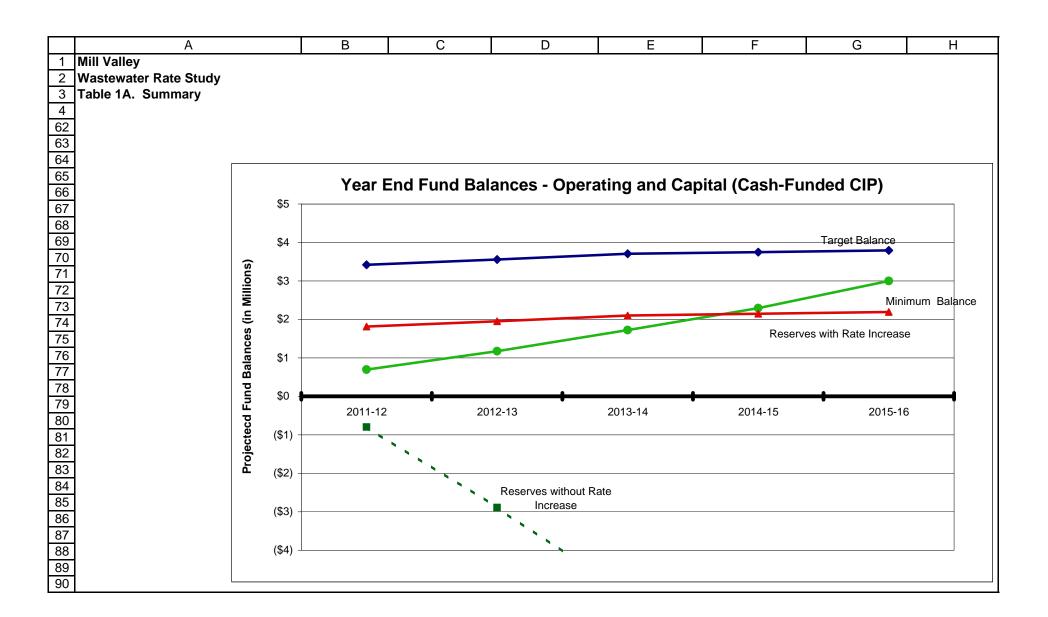
	A B C	D	E	F	G	H	ı	J	K			
1	Mill Valley				1							
	Wastewater Rate Study											
3	Table 1. General											
4												
5		Budgeted			Projected							
6	_	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Source	Notes			
7	Escalation Factors							•				
8	a. Interest on Fund Balance	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	Estimate	To Table 4			
9	<b>b.</b> General inflation	Per Budget	2.1%	2.1%	2.1%	2.1%	2.1%	Estimate	To Table 2			
10	c. Labor/Benefit Increases	Per Budget	2.1%	2.1%	2.1%	2.1%	2.1%	US Labor Statistics	To Table 2			
11	d. Increase in SASM Charges	15%	10%	10%	2%	2%	2%	SASM	To Table 2			
12	f. Growth in Customer Accts	0%	0%	0%	0%	0%	0%	Estimate	To Table 3, 4			
13	g. Construction Cost Inflation	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	Estimate	To Table 5			
	14											
15 16												
17	Operations Fund Purpose	For O&M cash	flow during	the vear								
18	·				ans are nee	ded						
19	• · · · ·	Highest. If not maintained, interfund loans are needed.  9 months of Operating Expenses										
20		5	zoraung Exp	011000								
21	Capital Replacement Fund											
22	Purpose F	For constructio	n cash flow	from year to	year.							
23	Funding priority	Second highes	t.									
24	Target balance	5 year average	annual CIP	budget								
25												
	Model Tables											
27	Table 1. General											
28	Table 1A. Summary											
29	Table 2. Revenue Requirement Proje		)									
30	Table 3. Projected Revenue Increase	S										
31	Table 4. Reserves											
32	Table 5. Projects											
33	Table 6. Current Revenue											
34 35												
ა၁												

	А	В	С	D	E		F	G	Н
1	Mill Valley							•	
2	Wastewater Rate Study								
3	Table 1A. Summary								
4									
5						Ρ	rojected		
6	Projected Expenses	2009-10	2010-11	2011-12	2012-13		2013-14	2014-15	2015-16
7	Operating Expenses	\$ 637,000	\$ 728,000	\$ 746,000	\$ 761,000	\$	777,000	\$ 794,000	\$ 810,000
8	SASM Costs	\$ 1,265,000	\$ 1,459,000	\$ 1,675,000	\$ 1,843,000	\$	2,027,000	\$ 2,069,000	\$ 2,113,000
9	Add'l EPA Compliance Costs	\$ -	\$ -	\$ 188,000	\$ 192,000	\$	185,000	\$ 179,000	\$ 41,000
10	Capital Improvements - Cash Outlay	\$ 680,000	\$ 541,000	\$ 700,000	\$ 1,550,000	\$	1,550,000	\$ 1,550,000	\$ 1,550,000
11	Capital Improvements - Debt Service	\$ -	\$ -	\$ -	\$ -	\$	-	\$ -	\$ -
12	Contibutions to Reserves	\$ -	\$ -	\$ 200,000	\$ 200,000	\$	200,000	\$ 200,000	\$ 278,000
13	Total Expenses	\$ 2,582,000	\$ 2,728,000	\$ 3,509,000	\$ 4,546,000	\$	4,739,000	\$ 4,792,000	\$ 4,792,000
14	Annual Capital Imp. Expenditure	\$ 680,000	\$ 541,000	\$ 700,000	\$ 1,550,000	\$	1,550,000	\$ 1,550,000	\$ 1,550,000
15						Р	rojected		
16	Projected Charge (\$/EDU)	2009-10	2010-11	2011-12	2012-13		2013-14	2014-15	2015-16
17	Number of Connections	6,997	6,997	6,997	6,997		6,997	6,997	6,997
18	Operating Expenses	\$91	\$104	\$107	\$109		\$111	\$113	\$116
19	SASM Costs	\$181	\$209	\$239	\$263		\$290	\$296	\$302
20	Add'l EPA Compliance Costs			\$27	\$27		\$26	\$26	\$6
21	Capital Improvements - Cash Outlay	\$97	\$77	\$100	\$222		\$222	\$222	\$222
22	Capital Improvements - Debt Service	\$0	\$0	\$0	\$0		\$0	\$0	\$0
23	Contibutions to Reserves			\$29	\$29		\$29	\$29	\$40
24		\$369	\$390	\$501	\$650		\$677	\$685	\$685

	A		В	С	D	E	F	G	Н
1	Mill Valley			•	<u> </u>				<u> </u>
2	Wastewater Rate Study								
3	Table 1A. Summary								
4									
25							Projected		
26		cal Year:	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
27	Revenue Inc		0.00%	0.00%	69%	30%	4%	1%	0%
28	Cumulative Ir	ncrease			68.9%	6 118.8%	128.09	% 130.6	130.6%
29 30	Residential Sewer Service	Chargo	\$297	\$297	\$501	\$650	\$677	\$685	\$685
31		_	Φ297	<b>Φ</b> 297	\$204	\$148	\$077 \$28	явоз \$8	\$005 \$0
32	Annual Increase in C	Cnarge			ΨΣΟΉ	Ψ1+0	ΨΣΟ	ΨΟ	ΨΟ
33	1			Drojecte	d Charge	es (Cash-F	unded C	ID\	
34	1	<b>#750</b>		=	d Charge	o (Casii-i	unaea C	·	
35		\$750 -	Contibutions to	Reserves					
36	_	\$700 -	■ Capital Improve	ments - Debt Service -					
37	_	\$650 -	■Capital Improve	ments - Cash Outlay			<b>\$</b> 29	\$29	\$40
38	4	ψοσο	Add'I EPA Com	pliance Costs		\$29			
	1	\$600 -	SASM Costs	_			_		
	1	\$550 -	■ Operating Expe	nses –				¢222	
	1					¢222	\$222	ΨΖΖΖ	\$222
	1	\$500 -	Current Ann	ual Chargo	\$29	ΨΖΖΖ			
	1	\$450 -	Current Ann	luai Charge					
45	1   5				\$100		\$26	\$26	<del>\$6</del>
46	]	\$400 -				\$27			
		<b>5</b> \$350 -		<b>\$77</b>	\$27		_		
	<u> </u>	<b>)</b> ¢200	\$97						
	[	\$ \$300 <sup>-</sup>	<mark></mark> -	¥		· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •		********
		\$250 -			Ф000	\$263	\$290	\$296	Ψ302
		\$200 -		\$209	\$239	·			
	1	Ψ200	\$181						
	1	\$150 -							
	1	\$100 -							
56	1	·		0.4.0.4	0407	<b>#</b> 400	0444	¢442	¢116
57	]	\$50 -	\$91	\$104	\$107	\$109	\$111	\$113	\$110
	]	\$0							
59	1		2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
60									
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	\$/FDU per Year	\$550 - \$500 - \$450 - \$450 - \$350 - \$250 - \$150 - \$50 -	SASM Costs Operating Expe  Current Ann  \$97  \$181	\$77 \$209	\$100 \$27 \$239 \$107	\$222	\$222 \$26 \$290 \$111 2013-14	\$296	\$302



			_						
	A B	С	D	E	F	G	Н	I	J
	Mill Valley	D							
	Wastewater	•							
	Table 2. Rev	venue Requirement Projection (Dept	: 57)						
4									
5			Tbl	Budgeted		Proje			=
6			1	2011-12	2012-13	2013-14	2014-15	2015-16	Notes
	Operating E								
8		and Benefits							
9		Public Works Superintendent	C.	\$50,484	\$51,544	\$52,627	\$53,732	\$54,860	
10		Lead Sewer Maint Worker	C.	\$62,278	\$63,586	\$64,921	\$66,285	\$67,677	
11		Maintenance Workers	C.	\$104,532	\$106,727	\$108,969	\$111,257	\$113,594	
12		Dept 50 Salary & Benefits Allocation	C.	\$201,636	\$205,870	\$210,194	\$214,608	\$219,114	
13		Overtime	C.	\$3,000	\$3,063	\$3,127	\$3,193	\$3,260	
14		Holiday Pay	C.	\$0	\$0	\$0	\$0	\$0	
15	ŀ	Part Time	C.	\$0	\$0	\$0	\$0	\$0	
16	50400	Employee Benefits	C.	\$129,234	\$131,948	\$134,719	\$137,548	\$140,436	_
17		Subtotal, Salaries and Benefits	3	\$551,165	\$562,739	\$574,557	\$586,623	\$598,942	
18	Operatin	_		04.077.00	<b>04.040.00</b> 5	<b>#0.000.005</b>	<b>40.005.15</b> :	00.440.00=	
19		SASM Agency Fee	d.	\$1,675,091	\$1,842,600	\$2,026,860	\$2,069,424	\$2,112,882	
20		Office Expenses	b.	\$300	\$306	\$313	\$319	\$326	
21		Postage	b.	\$0	\$0	\$0	\$0	\$0	
22		Special Dept Expense	b.	\$4,125	\$4,212	\$4,300	\$4,390	\$4,483	
23		Clothing, etc.	b.	\$3,906	\$3,988	\$4,072	\$4,157	\$4,245	
24		Communication	b.	\$2,600	\$2,655	\$2,710	\$2,767	\$2,825	
25	51851		b.	\$350	\$357	\$365	\$373	\$380	
26	51852		b.	\$7,800	\$7,964	\$8,131	\$8,302	\$8,476	
27	51853		b.	\$370	\$378	\$386	\$394	\$402	
28		B&G Maintenance	b.	\$11,125 \$21,065	\$11,359 \$21,507	\$11,597	\$11,841 \$22,420	\$12,089	
29 30	•	Equipment Maintenance	b.		\$21,507	\$21,959	\$22,420 \$84,248	\$22,891	
31		Special Service Insurance	b.	\$79,156 \$0	\$80,818 \$0	\$82,515 \$0	\$04,240 \$0	\$86,017 \$0	
32		Membership/Tng	b. b.	\$1,125	ەر \$1,149	ەر 1,173	ەن \$1,197	\$1,223	
33	•	Other Exp	b. b.	\$1,125	\$1,149 \$1,252	\$1,173 \$1,278	\$1,197	\$1,332	
34		Equipment	b. b.	\$1,220	\$1,232	\$1,276	\$1,303 \$0	\$1,332	
35		Contingency	b. b.	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
36		Vehicle Maintenance Charge	b. b.	\$16,106	\$16,444	\$16,790	\$17,142	\$17,502	
37		Equipment Replacement	b. b.	\$10,100	\$10,444	\$10,790	\$17,142	\$17,302	
38	•	Int Dept Exp	b.	\$45,130	\$46,078	\$47,045	\$48,033	\$49,042	
39	55500	Subtotal, Operating Costs	-	\$1,869,475	\$2,041,066	\$2,229,494	\$2,276,313	\$2,324,116	-
_	Total Operat	ting Expenses	-	\$2,420,640	\$2,603,806	\$2,804,051	\$2,862,936	\$2,923,058	
41	. Julia Operai	gpooo		72,120,040	Ţ <u>_</u> ,000,000	7 <u>=</u> ,007,001	\$2,002,000	<b>7</b> _,0_0,000	
	Non-Operati	ng Revenues							
43	•	Current (Misc) Services	b.	(\$1,539)	(\$1,571)	(\$1,604)	(\$1,638)	(\$1,672)	
14		Subtotal, Non-Op Revenues		(\$1,539)	(\$1,571)	(\$1,604)	(\$1,638)	(\$1,672)	=
15			-	(+ .,000)	(+ ., 0 . 1)	(+ .,00 1)	(+ .,000)	(4.,0.2)	
16	Transfers To	o/(From) Reserves							
17	•	Wastewater Operating Fund		\$200,000	\$200,000	\$200,000	\$200,000	\$278.000	From Table 4
18		Wastewater Capital Replacement		\$700,000	\$1,550,000	\$1,550,000	\$1,550,000	. ,	From Table 4
49		Subtotal, Transfers	3	\$700,000	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	
50		· · · · · · · · · · · · · · ·		,	. , -,	. , -,	. , -,		_
	Net Revenue	e Requirement		\$3,119,101	\$4,152,234	\$4,352,447	\$4,411,298	\$4,471,385	To Table 3
52		-							
-	Source: Den	artment 57 budget and 50 budget alloc	ation i	provided by the	City of Mill Va	allev			
			,		.,				

	АВ	С	D	Е	F	G	Н
1	Mill Valley	•		•			
2	Wastewater Rate Study						
3	Table 3. Projected Revenue Increases						
4							
5							
6					_		
7		Budgeted _		Proje			
8		2011-12	2012-13	2013-14	2014-15	2015-16	Notes
9	Davience With No Date Increase						
	Revenue With No Rate Increases Revenue from Current Rates	<b>CO 440 0E7</b>	0.440.057	0.440.057	0.440.057	0.440.057	From 11/12 Dudget appointed by grouth
11 12	Revenue Requirements	\$2,142,357 (\$3,119,101)	2,142,357	2,142,357	2,142,357		From 11/12 Budget, escalated by growth From Table 2
13	Surplus/(Deficit) <b>before</b> rate increase	(\$976,744)		(\$4,352,447) (\$2,210,090)	(\$2,268,941)		
14	Surplus/(Delicit) before fate increase	(\$370,744)	(Ψ2,009,077)	(ΨΖ,Ζ10,090)	(ψ2,200,941)	(Ψ2,329,020)	10 Table 4
	Revenue With Rate Increases						-
16	Increase in Revenue from rates	68.9%	29.6%	4.2%	1.1%	0.0%	From Table 1A
17	Cumulative Percent Increase		29.6%	35.1%	36.6%	36.6%	
18	Total Revenue from Existing Rates	\$2,142,357	\$ 2,142,357	\$2,142,357	\$ 2,142,357	\$2,142,357	From Above
19	Revenue from Rate Increases						
20	FY 11-12 (effective 7/1/11)	\$1,475,093	\$1,475,093	\$1,475,093	\$1,475,093	\$1,475,093	
21	FY 12-13 (effective 7/1/12)		\$1,069,050	\$1,069,050	\$1,069,050	\$1,069,050	
22 23	FY 13-14 (effective 7/1/13)			\$198,965	\$198,965	\$198,965	
23	FY 14-15 (effective 7/1/14)				\$54,638	\$54,638	
24 25	FY 15-16 (effective 7/1/15)					\$0	_
25	Outstall Decrease for a Best of East	\$1,475,093	\$ 2,544,143	\$2,743,108	\$ 2,797,746	\$2,797,746	_
26	Subtotal - Revenue from Rate I Rate Revenue	\$3,617,450	\$ 4,686,500	\$4,885,465	\$ 4,940,103	\$4,940,103	
27	Revenue Requirements		\$ 4,152,234	\$4,352,447	\$ 4,411,298	\$4,471,385	
28	Surplus/(Deficit) after Rate Increase	\$498,349	\$534,266	\$533,018	\$528,805	\$468,718	To Table 4

	A B C	D	Е	F	G	Н	I	J
1	Mill Valley							
2	Wastewater Rate Study							
3	Table 4. Reserves							
4		Tbl	Budgeted		Proje	cted		
5		1	2011-12	2012-13	2013-14	2014-15	2015-16	Notes
6	Operating Reserve Funds With Rate Increase							
7	Revenue Increase							
8	Annual increases		68.9%	29.6%	4.2%	1.1%	0.0%	
9	Cumulative increase			29.6%	35.1%	36.6%	36.6%	
10	Operations Fund							
11	Beginning Balance		\$ 178,675	\$892,811	\$1,656,364	\$2,432,391	\$3,218,097	
12	Surplus/(Deficit)		\$498,349	\$534,266	\$533,018	\$528,805	\$468,718	From Table 3
	Transfers (to)/from							
14	Capital Replacement Fund		\$0	\$0	\$0	\$0	\$0	To below
15	Revenue Requirement		\$200,000	\$200,000	\$200,000	\$200,000	\$278,000	To Table 2
16	Subtotal - Fund Balance		\$877,024	\$1,627,076	\$2,389,382	\$3,161,196	\$3,964,815	
17	Estimated Interest Earnings	а.	\$15,786	\$29,287	\$43,009	\$56,902	\$71,367	_
18	Ending Balance		\$892,811	\$1,656,364	\$2,432,391	\$3,218,097	\$4,036,182	
19	Minimum Balance		\$1,815, <b>4</b> 80	\$1,952,854	\$2,103,038	\$2,147,202	\$2,192,293	9 months of Operating Expenses
	Capital Replacement Fund							
	Beginning Balance		\$0	(\$197,703)	(\$483,272)	(\$707,894)	(\$925,956)	
	Revenues							
23	Connection Fee Revenue	f.	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	From 11/12 Budget, escalated by growth
	Capital Projects							
25	Inspection and Condition Assessment		(\$156,780)	(\$164,619)	(\$145,265)	(\$152,613)	\$0	From Table 5
26	EPA Cleaning Schedule		(\$31,423)	(\$27,880)	(\$40,107)	(\$26,199)	(\$41,473)	From Table 5
27	Pump Station Upgrades		\$0	(\$53,820)	\$0	\$0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	From Table 5
28	Sewer Rehab Costs		(\$724,500)	(\$1,604,250)	(\$1,604,250)	(\$1,604,250)	(\$1,604,250)	From Table 5
29	Subtotal - CIP		(\$912,703)	(\$1,850,569)	(\$1,789,622)	(\$1,783,062)	(\$1,676,773)	
	Transfers (to)/from							
31	Revenue Requirements		\$700,000	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	
32	Operations Fund		\$0	\$0	\$0	\$0		From above
33	Subtotal - Transfers		\$700,000	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	
34	Subtotal - Fund Balance		(\$197,703)	(\$483,272)	(\$707,894)	(\$925,956)	(\$1,037,729)	
34 35 36	Estimated Interest Earnings		\$0	\$0	\$0	\$0	\$0	_
36	Ending Balance		(\$197,703)	(\$483,272)	(\$707,894)	(\$925,956)	(\$1,037,729)	
37	Target Balance		\$1,602,546	\$1,602,546	\$1,602,546	\$1,602,546	\$1,602,546	Avg annual CIP
	Operating Reserve Fund With No Rate Increase	<u>s</u>						
39	Beginning Balance		\$178,675	(\$598,069)	(\$2,407,946)	(\$4,418,035)	(\$6,486,976)	
40	Surplus/Deficit		(\$976,744)	(\$2,009,877)	(\$2,210,090)	(\$2,268,941)	(\$2,329,028)	From Table 3
41	Transfers (to)/from							
42	Capital Replacement Fund		\$0	\$0	\$0	\$0		To below
43	Revenue Requirement		\$200,000	\$200,000	\$200,000	\$200,000		To Table 2
44	Subtotal - Transfers		\$200,000	\$200,000	\$200,000	\$200,000	\$278,000	
45	Subtotal - Fund Balance		(\$598,069)	(\$2,407,946)	(\$4,418,035)	(\$6,486,976)	(\$8,538,004)	
46	Estimated Interest Earnings		\$0	\$0	\$0	\$0	\$0	_
47	Ending Balance		(\$598,069)	(\$2,407,946)	(\$4,418,035)	(\$6,486,976)	(\$8,538,004)	
48	Minimum Balance		\$1,815, <del>4</del> 80	\$1,952,854	\$2,103,038	\$2,147,202	\$2,192,293	9 months of Operating Expenses

	A	В	С	D	Е	F	G	Н
1	Mill Valley	•	•	•	•	•		
2	Wastewater Rate Study							
3	Table 5. Projects							
4								
5	_							_
6	_	2011-12	2012-13	2013-14	2014-15	2015-16	Total	Notes
7	Regulatory Projects							
8	Collection System Assessments (CCTV Program)							
9	Clean Sewers in Public Right-of-Way	\$10,080	\$10,584	\$9,104	\$9,559	\$0	\$39,326	
10	Clean Sewers Running along Easements in Private Property	\$14,604	\$15,334	\$13,189	\$13,849	\$0	\$56,975	
11	CCTV Inspection of Sewers in Public Right-of-Way	\$16,800	\$17,639	\$15,173	\$15,931	\$0	\$65,543	
12	CCTV Inspection of Sewers along Easements in Private Property	\$30,744	\$32,281	\$27,767	\$29,155	\$0	\$119,948	
13	Inspection of Sewer Manholes	\$14,615	\$15,346	\$13,148	\$13,806	\$0	\$56,915	
14	Future Clean/CCTV Inspections	\$0	\$0	\$0	\$0	\$0	\$0	_
15	Subtotal Clean/CCTV Inspection	\$86,842	\$91,184	\$78,380	\$82,299	\$0	\$338,706	
16	PACP/MACP Evaluation and Report							
17	Sewer CCTV Review and Condition Assessment	\$15,153	\$15,910	\$13,685	\$14,164	\$0	\$58,912	
18	Manhole Evaluation	\$1,426	\$1,498	\$1,283	\$1,328	\$0	\$5,535	
19	Prepare Annual Progress Report to EPA	\$17,179	\$18,038	\$18,394	\$19,603	\$0	\$73,214	
20		\$0	\$0	\$0	\$0	\$0	\$0	_
21	Subtotal PACP/MACP Evaluation and Report	\$33,758	\$35,446	\$33,362	\$35,095	\$0	\$137,661	
22								
23	Subtotal - Inspection and Condition Assessment	\$120,600	\$126,630	\$111,743	\$117,394	\$0	\$476,367	
24	Contingency (30%)	\$36,180	\$37,989	\$33,523	\$35,218	\$0	\$142,910	_
25	Total - Inspection and Condition Assessment	\$156,780	\$164,619	\$145,265	\$152,613	\$0	\$619,277	
26	Inflation (Costs already assume 5% increase per year)	44545	0.0%	0.0%	0.0%	0.0%	****	
27	Total - Inspection/Condition Assessment (including inflation)	\$156,780	\$164,619	\$145,265	\$152,613	\$0	\$619,277	To Table 4
28 29	Total EDA Forement Cleaning Calcadula	<b>604 400</b>	¢07.000	£40.407	¢00.400	£44.470	£4.07.000	To Table 4
30	Total - EPA Easement Cleaning Schedule	\$31,423	\$27,880	\$40,107	\$26,199	\$41,473	\$107,002	To Table 4
	Conital Drainata							
	Capital Projects							
32	Pump Station Upgrades Frontage Road PS Backup Controls	<b>ф</b> О	<b>#C 000</b>	ФО.	ФО.		<b>#C 000</b>	
33	Shelter Bay PS Backup Pump Control Upgrades	\$0 \$0	\$6,000 \$46,000	\$0 \$0	\$0 \$0		\$6,000 \$46,000	
35	Frontage Road PS Alarm System Upgrades	\$0 \$0		\$0 \$0	\$0 \$0	\$15,000	\$15,000	
36	Shelter Bay Alarm System Upgrades	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$15,000	\$15,000	
37	Future Pump Station Upgrades	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$15,000	\$15,000	
38	Total - Pump Station Upgrades  Total - Pump Station Upgrades	\$0	\$52,000	\$0	\$0	\$30,000	\$82,000	-
39	Inflation	ΨΟ	3.5%	3.5%	3.5%	3.5%	φ02,000	
40	Total - Pump Station Upgrades (including inflation)	\$0	\$53,820	\$.5 % <b>\$0</b>	\$.5 %	\$31, <b>050</b>	\$84 870	To Table 4
41	rotal - Fullip Station opgrades (including initiation)	φ0	<b>\$33,020</b>	ΨU	ΨΟ	ψ51,050	ψ04,070	TO Table 4
42	Sewer Rehab Costs							
43	Sewer Rehab Costs - Under Streets	\$435,800	\$451,053	\$466,840	\$483,179	\$500,090	\$2,336,962	
44	Future Sewer Rehab Costs	\$264,200	\$1,098,947	\$1,083,160	\$1,066,821	\$1,049,910	\$4,563,038	
45	Total - Sewer Rehab Costs	\$700,000	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	\$6,900,000	-
46	Inflation	3.5%	3.5%	3.5%	3.5%	3.5%	*-,,	
47	Total - Sewer Rehab Costs (including inflation)	\$724,500	\$1,604,250	\$1,604,250	\$1,604,250	\$1,604,250	\$7,141,500	To Table 4
48		*,	<b>*</b> 1,00 1,000	<b>*</b> 1,00 1,000	<b>+</b> -,,=	¥ 1,00 1,000	**,***,***	
	Total Regulatory and Capital Projects	\$912,703	\$1,850,569	\$1,789,622	\$1,783,062	\$1,676,773	\$8,012,729	To Table 4
50	Average Annual CIP	\$1,602,546	÷1,000,000	Ţ.,. 00,011	Ţ 1,1 00,00£	Ţ.,O. O, O	Ţ0,0 . <b>2</b> ,. <b>2</b> 0	. 5 1 4515 7
51	Average Allitual Oli	ψ1,002,040						
	Sources: CCTV Inspection Costs and Annual Bapart 10 22 40							
54	Sources: CCTV Inspection Costs and Annual Report 10-22-10 Mill Valley FY 2010 Annual Progress Report							
55	Projected Sewer Rehab Costs Under Streets 2011-2016							
56	SS Easement Cleaning Schedule							
50	OO LASEIHEIR GIEAIIIIY OOHEUUIE							

	Α	В	I	С	D		E	F
1	Mill Valley		<u> </u>	•			_	
2		er Rate Study						
3	Table 6. C	Current Revenue						
4								
5								
				te per	Total			
			Sa	nitary	Sanitary			
6	Use Code	Description	L	Inits	Units	To	tal Assessment	
7	11	Single Family	\$	297	3636.37	\$	1,080,001.89	
8	14	Single Family Attached	\$	297	810.8	\$	240,807.60	
9	21	Multiple Residences	\$	297	1526.67	\$	453,420.99	
10	51	Commercial	\$	297	878.35	\$	260,869.95	
11	61	Improved Property	\$	297	144.88	\$	43,029.36	
12				-	6,997	\$	2,078,129.79	
13								
14				Tota	l Assessed	\$	2,078,129.79	
15		٦	otal	Budget	ed 2011-12	\$	2,142,357.00	
16					Difference	\$	64,227.21	
17								
18	Source: Sp	pecial District Full Report	2010	-11, Ch	arging Parc	el S	Statistics by Use	Code
19								

	A	В	С	G	J	М	Р
1	Mill Valley						
2	Wastewater Rate Study						
3	Table . Report Tables						
4							
5							
6			FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
7							
	Revenue from current rates	а	\$2,142,357	\$2,142,357		\$2,142,357	\$2,142,357
9	Current Charge per EDU		\$297	\$297	\$297	\$297	\$297
	BASELINE COSTS						
11	City O&M expenses (Dept 57)						
12	Salaries & benefits		\$551,165	\$562,739	\$574,557	\$586,623	\$598,942
13	Other operating costs	-	\$194,384	\$198,466	\$202,634	\$206,889	\$211,234
14	Total City O&M Expenses	b	\$745,549	\$761,205	\$777,191	\$793,512	\$810,175
15	Net available funding (before SASM cost)	С	\$1,396,808	\$1,381,152	\$1,365,166	\$1,348,845	\$1,332,182
16	SASM treatment cost (with15% increase)	d	\$1,675,091	\$1,842,600		\$2,069,424	\$2,112,882
17	Total unfunded Operating Costs	е	\$278,283	\$461,449	\$661,694	\$720,579	\$780,701
18	EPA regulatory compliance costs						
19	Inspection/Condition Assessments		\$156,780	\$164,619	\$145,265	\$152,613	\$0
20	Easement Cleaning	-	\$31,423	\$27,880	\$40,107	\$26,199	\$41,473
21	Total EPA Compliance Costs	f .	\$188,203	\$192,499	\$185,372	\$178,812	\$41,473
	SUBTOTAL - UNFUNDED BASELINE COSTS	=	\$466,486	\$653,947	\$847,066	\$899,391	\$822,174
23	Charge per EDU including Baseline Costs		\$36 <i>4</i>	\$390	\$418	<i>\$4</i> 26	\$415
	ADDITIONAL COSTS						
25	Sewer Rehab Costs - Under Streets		\$435,800	\$451,053	\$466,840	\$483,179	\$500,090
26	Contributions to reserves		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
27	Capital Improvements		\$264,200	\$1,098,947	\$1,083,160	\$1,066,821	\$1,049,910
	TOTAL - ADDITIONAL COSTS		\$900,000	\$1,750,000	\$1,750,000	\$1,750,000	\$1,750,000
29	Charge per EDU including baseline+additional costs		\$492	\$641	\$668	\$676	\$665

	FY 2011-12	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
Pay-As-You-Go Scenario						
Annual CIP Expenditure	\$541,000	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000
Annual Residential Charge	\$297	\$623	\$650	\$677	\$685	\$685
Annual CIP Expenditure	\$2,728,000	\$750,000	\$4,546,000	\$4,739,000	\$4,792,000	\$4,792,000
Annual Residential Charge	\$297	\$509	\$650	\$677	\$685	\$685
Debt Financing Scenario						
Annual CIP Expenditure	\$541,000	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000
Annual Residential Charge	\$297	\$450	\$477	\$504	\$560	\$560

## Mill Valley Wastewater Rate Study Table . Fund Balance Calculation

Operating Fund at 6/30/2010	\$ 474,067.20	From Erick Erickson email dated 10/1/2010
Revenue (budgeted)	\$ 2,142,357	From 2009 to 2011 Revenue and Expenditu
Expenditures (budgeted)		
Operating	\$ (728,372)	From Dept 57 .xls file emailed 9/29/2010
CIP	\$ (250,000)	From 2009 to 2011 Revenue and Expenditu
SASM Charges	\$ (1,459,377)	From SASM's anticipated rate to member ac
	\$ (2,437,749)	
Operating Fund at 6/30/2011	\$ 178,675.20	

- Scan 001 res file - emailed by Erick Erickson on 9/30/2010 and .PDF'd by Jasmine

res file - emailed by Erick Erickson on 9/30/2010 and .PDF'd by Jasmine gencies - email from Steve Danehy at SASM

	А	В	С	D	Е	F					
1	Mill Valley										
2	Wastewater Rate Study										
3	Table 7. Rate Comparison										
4											
5	City	Population	Basis	Annual Rate	As of						
6	Mill Valley - Current	14,144	Fixed - Full Service, SASM Treatment	\$297.00	Current						
7	Mill Valley - Proposed	14,144	Fixed - Full Service, SASM Treatment	\$501.50	7/1/2011						
8	Ross Valley	2,422	Fixed - Full Service, CMSA Treatment	\$520.00	7/1/2010						
9	Larkspur	12,398	Fixed - Full Service, CMSA Treatment	\$592.00	7/1/2010						
10	Corte Madera	9,816	Fixed - Full Service, CMSA Treatment	\$500.00	7/1/2010						
11	Belvedere	2,175	Fixed - Full Service	\$1,457.00	7/1/2010						
12	Tiburon	9,000	Fixed - Full Service	\$598.00	7/1/2010						
13	Sausalito	7,596	Fixed - Full Service, SMCSD Treatment	\$810.00	7/1/2010						
14	TCSD	6,538	Fixed - Full Service, SMCSD/SASM Treatment	\$1,013.00	7/1/2010						
15											
16	Sources: Population - Califor	rnia Department	of Finance, Demographic Research Unit, E-5 City/County Population & I	Housing Estimate	es, 1/1/2010						
17											