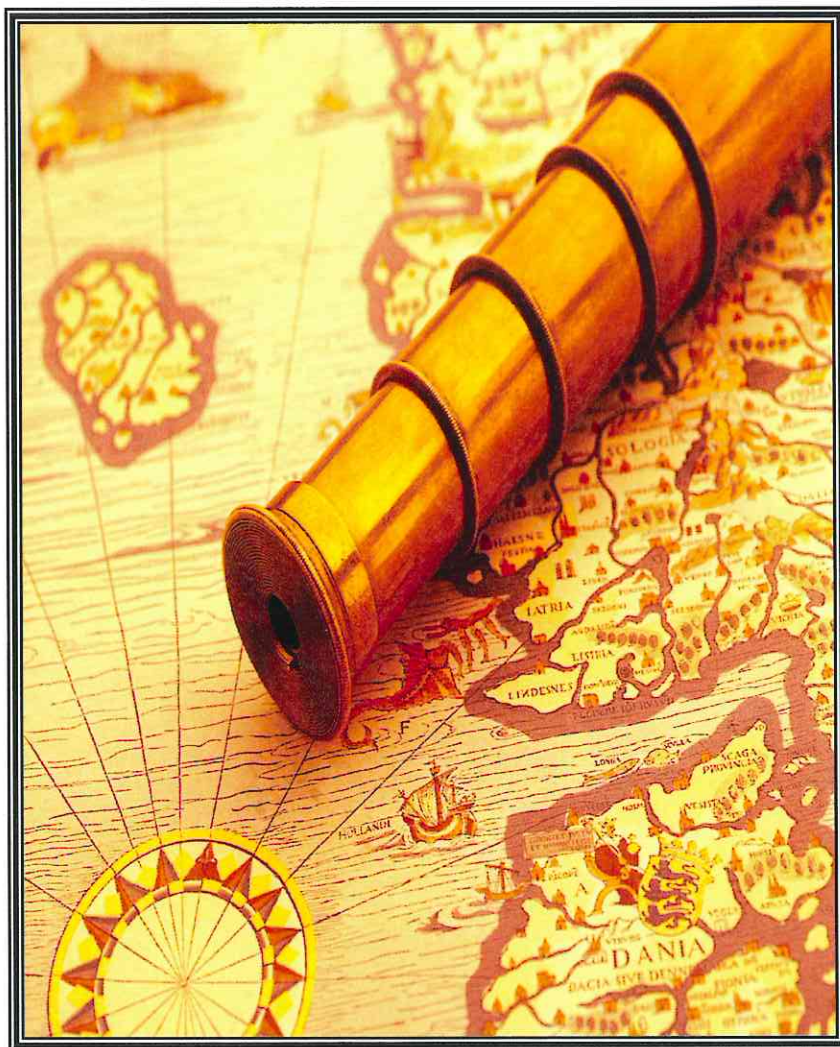


2011-2012 LONG-RANGE PLANNING



VALLECITOS WATER DISTRICT

RESERVE BUDGET FOR THE YEAR ENDING JUNE 30, 2012

	110	Water	120	210 Wastewater	220	
	Replacement		Capacity	Replacement	Capacity	Total
Projected July 1, 2011 Balance	\$ 9,560,000		\$ (2,000,000)	\$ 11,840,000	\$ (3,100,000)	\$ 16,300,000
Revenues and Transfers In						
Interfund Loan Transfers	-		4,040,800	-	6,657,400	10,698,200
Loan proceeds	3,339,000		-	2,641,000	-	5,980,000
Operating Transfers	1,720,000		-	4,172,000	-	5,892,000
Capital Facility Fees	-		878,000	-	1,338,000	2,216,000
Property Tax	870,000		-	686,000	-	1,556,000
RDA pass-through for 10/11	419,000		-	419,000	-	838,000
Investment Earnings	79,000		(22,000)	97,000	(35,000)	119,000
Payment on Land Sale to City	74,000		-	74,000	-	148,000
Available Balance	16,061,000		2,896,800	19,929,000	4,860,400	43,747,200
Less 11/12 Appropriations and Transfers Out						
Encina Wastewater Authority - Capit	-		-	1,139,100	640,800	1,779,900
San Marcos Interceptor - Sewer	-		-	341,000	759,000	1,100,000
Linda Vista Sewer East	-		-	344,300	420,700	765,000
Wulff Tank Replacement	210,000		490,000	-	-	700,000
Sagewood Place Waterline Replacem	575,000		-	-	-	575,000
Annual Sewer Replacement and I & J	-		-	350,000	-	350,000
Annual Steel Tank Refurbishment	345,000		-	-	-	345,000
Equipment	131,400		-	143,600	-	275,000
District-wide Valve Replacement Proc	156,000		-	-	-	156,000
Encina Land Parallel Outfall	-		-	-	150,000	150,000
Rock Springs Sewer Replacement	-		-	120,000	-	120,000
Larchwood Drive Sewer Line	-		-	120,000	-	120,000
Questhaven Basin Water and Sewer l	-		58,300	-	58,300	116,600
TriOyxn Odor Control	-		-	102,000	-	102,000
Meter Replacement	100,000		-	-	-	100,000
Tertiary Filter Media	-		-	92,000	-	92,000
Secondary Skimmer Controls (4)	-		-	78,800	-	78,800
City of San Marcos Joint Projects	45,800		-	29,200	-	75,000
Surge Tank & 12" Plug Valve	-		-	73,000	-	73,000
Water & Sewer Master Plan	-		35,000	-	35,000	70,000
Miscellaneous Projects	189,500		68,500	395,300	166,500	819,800
Interfund Loan Transfers	4,040,800		-	6,657,400	-	10,698,200
Fund OPEB Trust	1,656,600		-	1,310,000	-	2,966,600
Debt Service - 2011 Loan	192,200		-	152,000	-	344,200
Debt Service - 2008 Loan	-		-	-	468,900	468,900
Debt Service - COPs	-		2,245,000	-	2,161,200	4,406,200
Less Total Appropriations/Transfer:	7,642,300		2,896,800	11,447,700	4,860,400	26,847,200
Projected June 30, 2012 Balance	8,418,700		-	8,481,300	-	\$ 16,900,000
Less Operating Reserves	(3,843,700)		-	(4,620,400)	-	(8,464,100)
Projected reserve/restricted funds	\$ 4,575,000		\$ -	\$ 3,860,900	\$ -	\$ 8,435,900
Adopted replacement reserve floor	\$ 4,097,500			\$ 3,039,300		
Adopted replacement reserve ceiling	\$ 16,191,100			\$ 11,599,600		

See significant assumptions.

VALLECITOS WATER DISTRICT

RESERVE PROJECTION FOR THE YEAR ENDING JUNE 30, 2013

	110	Water	120	210	Wastewater	220	
	Replacement	Capacity	Capacity	Replacement	Capacity	Capacity	Total
Projected July 1, 2012 Balance	\$ 8,418,700	\$ -		\$ 8,481,300	\$ -		\$ 16,900,000
Revenues and Transfers In							
Operating Transfers	2,968,000	-		4,611,000	-		7,579,000
Interfund Loan Transfer	-	1,353,900		-	3,611,700		4,965,600
Capital Facility Fees	-	1,065,000		-	1,933,000		2,998,000
Property Tax	870,000	-		686,000	-		1,556,000
RDA pass-through for 11/12	419,000	-		419,000	-		838,000
Investment Earnings	101,000	(34,000)		118,000	(60,000)		125,000
Payment on Land Sale to City	74,000	-		74,000	-		148,000
Available Balance	<u>12,850,700</u>	<u>2,384,900</u>		<u>14,389,300</u>	<u>5,484,700</u>		<u>35,109,600</u>
Less 12/13 Appropriations and Transfers Out							
San Marcos Interceptor - Sewer	-	-		713,000	1,587,000		2,300,000
Linda Vista Sewer East	-	-		436,500	533,500		970,000
Rock Springs Sewer Replacement	-	-		920,000	-		920,000
Encina Wastewater Authority - Capit	-	-		431,600	242,800		674,400
Annual Steel Tank Refurbishment	212,000	-		-	-		212,000
Encina Land Parallel Outfall	-	-		-	150,000		150,000
Richland Invert Replacement	-	-		56,300	68,700		125,000
Questhaven Basin Water and Sewer I	-	58,400		-	58,300		116,700
Tertiary Filter Media	-	-		91,800	-		91,800
Secondary Skimmer Controls (4)	-	-		78,400	-		78,400
Vulnerability Assessment Improveme	-	63,600		-	42,400		106,000
Rotating Bio Contactors - Demolition	-	-		-	64,000		64,000
Flow Monitoring Stations	-	-		-	60,000		60,000
Meter Replacement	50,000	-		-	-		50,000
Environmental Mitigation Property	-	5,000		-	45,000		50,000
HVAC Improvements	25,000	-		25,000	-		50,000
Miscellaneous Projects	42,100	10,000		60,000	-		112,100
Interfund Loan Transfers	1,947,600	-		3,018,000	-		4,965,600
Fund OPEB Trust	361,200	-		285,600	-		646,800
Debt Service - 2011 Loan	383,000	-		302,900	-		685,900
Debt Service - 2008 Loan	-	-		-	468,900		468,900
Debt Service - COPs	-	2,247,900		-	2,164,100		4,412,000
Less Total Appropriations/Transfer:	<u>3,020,900</u>	<u>2,384,900</u>		<u>6,419,100</u>	<u>5,484,700</u>		<u>17,309,600</u>
Projected June 30, 2013 Balance	9,829,800	-		7,970,200	-		\$ 17,800,000
Operating Reserves	(3,924,200)	-		(4,824,200)	-		(8,748,400)
Projected reserve/restricted funds	<u>\$ 5,905,600</u>	<u>\$ -</u>		<u>\$ 3,146,000</u>	<u>\$ -</u>		<u>\$ 9,051,600</u>
Adopted replacement reserve floor	<u>\$ 4,174,200</u>			<u>\$ 3,146,000</u>			
Adopted replacement reserve ceiling	<u>\$ 16,994,200</u>			<u>\$ 12,325,100</u>			

Debt service coverage 223%
 Debt service coverage without cap fees 169%
 Debt service coverage without cap fees or property tax 138%

See significant assumptions.

VALLECITOS WATER DISTRICT

RESERVE PROJECTION FOR THE YEAR ENDING JUNE 30, 2014

	110	Water	120	210 Wastewater	220	Total
	Replacement	Capacity		Replacement	Capacity	
Projected July 1, 2013 Balance	\$ 9,829,800	\$ -		\$ 7,970,200	\$ -	\$ 17,800,000
Revenues and Transfers In						
Operating Transfers	4,562,000	-		5,274,000	-	9,836,000
Interfund Loan Transfer	-	1,080,900		-	5,841,900	6,922,800
Capital Facility Fees	-	1,428,000		-	2,531,000	3,959,000
Property Tax	870,000	-		686,000	-	1,556,000
Payment on Land Sale to City	74,000	-		74,000	-	148,000
Investment Earnings	131,000	(43,000)		141,000	(96,000)	133,000
RDA pass-through for 12/13	-	-		-	-	-
Available Balance	<u>15,466,800</u>	<u>2,465,900</u>		<u>14,145,200</u>	<u>8,276,900</u>	<u>40,354,800</u>
Less 13/14 Appropriations and Transfers Out						
San Marcos interceptor sewer	-	-		1,844,500	4,105,500	5,950,000
Encina Land Parallel Outfall	-	-		-	900,000	900,000
Richland Invert Replacement	-	-		225,000	275,000	500,000
Annual Steel Tank Refurbishment	212,000	-		-	-	212,000
Bioxide Injection Station	-	-		-	175,000	175,000
Mountain Belle Pump Station	-	150,000		-	-	150,000
Environmental Mitigation Property	-	10,000		-	90,000	100,000
Vulnerability Assessment Improvement	-	62,200		-	41,400	103,600
Flow Monitoring Stations	-	-		-	61,400	61,400
Meter Replacement	50,000	-		-	-	50,000
Land Outfall Clearing & Access Road	-	-		10,000	-	10,000
Interfund Loan Transfers	3,664,500	-		3,258,300	-	6,922,800
Fund OPEB Trust	371,800	-		294,100	-	665,900
Debt Service - 2011 Loan	380,700	-		301,100	-	681,800
Debt Service - 2008 Loan	-	-		-	468,600	468,600
Debt Service - COPs	-	2,243,700		-	2,160,000	4,403,700
Less Total Appropriations/Transfer:	<u>4,679,000</u>	<u>2,465,900</u>		<u>5,933,000</u>	<u>8,276,900</u>	<u>21,354,800</u>
Projected June 30, 2014 Balance	10,787,800	-		8,212,200	-	\$ 19,000,000
Operating Reserves	<u>(4,078,800)</u>	<u>-</u>		<u>(4,964,000)</u>	<u>-</u>	<u>(9,042,800)</u>
Projected reserve/restricted funds	<u>\$ 6,709,000</u>	<u>\$ -</u>		<u>\$ 3,248,200</u>	<u>\$ -</u>	<u>\$ 9,957,200</u>
Adopted replacement reserve floor	<u>\$ 4,260,700</u>			<u>\$ 3,248,200</u>		
Adopted replacement reserve ceiling	<u>\$ 18,013,900</u>			<u>\$ 13,027,800</u>		

Debt service coverage 279%
 Debt service coverage without cap fees 208%
 Debt service coverage without cap fees or property tax 179%

See significant assumptions.

VALLECITOS WATER DISTRICT

RESERVE PROJECTION FOR THE YEARS ENDING JUNE 30, 2015

	110	Water	120	210 Wastewater	220	
	Replacement	Capacity	Replacement	Capacity	Total	
Projected July 1, 2014 Balance	\$ 10,787,800	\$ -	\$ 8,212,200	\$ -	\$ 19,000,000	
Revenues and Transfers In						
Debt Proceeds	-	6,303,800	-	39,750,000	46,053,800	
Interfund Loan Transfer	6,762,200	-	6,929,400	-	13,691,600	
Operating Transfers	6,056,000	-	5,126,000	-	11,182,000	
Capital Facility Fees	-	1,471,000	-	2,607,000	4,078,000	
Property Tax	870,000	-	686,000	-	1,556,000	
Investment Earnings	171,000	(31,000)	168,000	(8,000)	300,000	
Payment on Land Sale to City	74,000	-	74,000	-	148,000	
RDA pass-through for 13/14	-	-	-	-	-	
Available Balance	<u>24,721,000</u>	<u>7,743,800</u>	<u>21,195,600</u>	<u>42,349,000</u>	<u>96,009,400</u>	
Less 14/15 Appropriations and Transfers Out						
Encina Land Outfall	-	-	-	6,800,000	6,800,000	
San Marcos interceptor sewer	-	-	635,500	1,414,500	2,050,000	
Meadowlark Tank #3	450,100	835,900	-	-	1,286,000	
Old Questhaven Sewer Replacement	-	-	642,200	191,800	834,000	
O&M Improvements to Central Buil	174,900	-	174,800	-	349,700	
Bioxide Injection Station	-	-	-	220,000	220,000	
Land Outfall Clearing & Access Roa	-	-	184,000	-	184,000	
Mountain Belle Pump Station & Pipe	-	150,000	-	-	150,000	
Vulnerability Assessment Improvem	-	32,440	-	21,560	54,000	
Environmental Mitigation Property	-	10,000	-	90,000	100,000	
Radio/Communication System Phase	36,100	-	36,000	-	72,100	
Meter Replacement	49,000	-	-	-	49,000	
Pavement Maintenance for Facilities	25,000	-	-	-	25,000	
On-site Safety Training Facility	10,000	-	10,000	-	20,000	
Wulff Pressure Reducing Station	(650,000)	-	-	-	(650,000)	
Interfund Loan Transfer	-	3,584,900	-	10,106,700	13,691,600	
Fund OPEB Trust	382,500	-	302,500	-	685,000	
Debt Service - 2015	-	160,800	-	1,014,000	1,174,800	
Debt Service - 2011 Loan	378,100	-	149,800	-	527,900	
Debt Service - 2008 Loan	-	-	-	468,000	468,000	
Debt Service - COPs	-	2,251,100	-	2,167,200	4,418,300	
Less Total Appropriations/Transfer:	<u>855,700</u>	<u>7,025,140</u>	<u>2,134,800</u>	<u>22,493,760</u>	<u>32,509,400</u>	
Projected June 30, 2015 Balance	23,865,300	718,660	19,060,800	19,855,240	\$ 63,500,000	
Operating Reserves	(4,471,200)	-	(5,389,300)	-	(9,860,500)	
Projected reserve/restricted funds	<u>\$ 19,394,100</u>	<u>\$ 718,660</u>	<u>\$ 13,671,500</u>	<u>\$ 19,855,240</u>	<u>\$ 53,639,500</u>	
Adopted replacement reserve floor	<u>\$ 4,361,100</u>		<u>\$ 3,336,000</u>			
Adopted replacement reserve ceiling	<u>\$ 19,394,100</u>		<u>\$ 13,671,500</u>			

Debt service coverage 260%
 Debt service coverage without cap fees 198%
 Debt service coverage without cap fees or property tax 174%

See significant assumptions.

VALLECITOS WATER DISTRICT

RESERVE PROJECTION FOR THE YEAR ENDING JUNE 30, 2016

	110	Water	120	210 Wastewater	220	
	Replacement		Capacity	Replacement	Capacity	Total
Projected July 1, 2015 Balance	\$ 23,865,300	\$	718,660	\$ 19,060,800	\$ 19,855,240	\$ 63,500,000
Revenues and Transfers In						
Operating Transfers	7,705,000	-	-	4,869,000	-	12,574,000
Interfund Loan Transfers	-	5,740,200	-	-	3,058,100	8,798,300
Capital Facility Fees	-	1,515,000	-	-	2,685,000	4,200,000
Property Tax	870,000	-	-	686,000	-	1,556,000
Investment Earnings	220,000	(35,000)	-	203,000	36,000	424,000
Payment on Land Sale to City	74,000	-	-	74,000	-	148,000
RDA pass-through for 14/15	-	-	-	-	-	-
Available Balance	<u>32,734,300</u>	<u>7,938,860</u>	<u>24,892,800</u>	<u>25,634,340</u>	<u>91,200,300</u>	
Less 15/16 Appropriations and Transfers Out						
Encina Land Parallel Outfall	-	-	-	-	15,000,000	15,000,000
Meadowlark Tank #3	912,600	1,694,900	-	-	-	2,607,500
Mountain Belle Pump Station & Pipe	-	2,450,000	-	-	-	2,450,000
Wulff Pressure Reducing Station	340,000	-	-	-	-	340,000
Vulnerability Assessment Improvement	-	79,460	-	-	53,040	132,500
Environmental Mitigation Property	-	10,000	-	-	90,000	100,000
Interfund Loan Transfers	5,072,600	-	-	3,725,700	-	8,798,300
Fund OPEB Trust	393,700	-	-	311,300	-	705,000
Debt Service - 2015	-	453,000	-	-	2,856,700	3,309,700
Debt Service - 2011 Loan	374,800	-	-	296,400	-	671,200
Debt Service - 2008 Loan	-	-	-	-	467,100	467,100
Debt Service - COPs	-	2,251,500	-	-	2,167,500	4,419,000
Less Total Appropriations/Transfer:	<u>7,093,700</u>	<u>6,938,860</u>	<u>4,333,400</u>	<u>20,634,340</u>	<u>39,000,300</u>	
Projected June 30, 2016 Balance	25,640,600	1,000,000	20,559,400	5,000,000	\$ 52,200,000	
Operating Reserves	(4,849,700)	-	(5,737,800)	-	(10,587,500)	
Projected reserve/restricted funds	<u>\$ 20,790,900</u>	<u>\$ 1,000,000</u>	<u>\$ 14,821,600</u>	<u>\$ 5,000,000</u>	<u>\$ 41,612,500</u>	
Adopted replacement reserve floor	<u>\$ 4,782,300</u>		<u>\$ 3,496,300</u>			
Adopted replacement reserve ceiling	<u>\$ 20,790,900</u>		<u>\$ 14,647,100</u>			

<i>Debt service coverage</i>	212%
<i>Debt service coverage without cap fees</i>	164%
<i>Debt service coverage without cap fees or property tax</i>	147%

See significant assumptions.

LONG RANGE RESERVE PROJECTION

	2016/17	2017/18	2018/19	2019/20	2020/21
Projected Beginning Balance	\$ 52,200,000	\$ 58,832,000	\$ 66,049,000	\$ 73,811,000	\$ 82,167,000
Operating transfers	12,951,000	13,340,000	13,740,000	14,152,000	14,577,000
Capital facility fees	4,326,000	4,456,000	4,590,000	4,728,000	4,870,000
Property tax	1,556,000	1,556,000	1,556,000	1,556,000	1,556,000
Investment earnings	409,000	462,000	519,000	581,000	647,000
RDA pass-through	-	-	-	-	-
Capital outlay	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)
Fund OPEB trust	(726,000)	(748,000)	(771,000)	(796,000)	(826,000)
Debt service	(8,884,000)	(8,849,000)	(8,872,000)	(8,865,000)	(8,853,000)
Projected Ending Balance	\$ 58,832,000	\$ 66,049,000	\$ 73,811,000	\$ 82,167,000	\$ 91,138,000
Operating reserves	(10,905,000)	(11,232,000)	(11,569,000)	(11,916,000)	(12,273,000)
Projected reserve/restricted funds	\$ 47,927,000	\$ 54,817,000	\$ 62,242,000	\$ 70,251,000	\$ 78,865,000
Adopted replacement reserve floor	\$ 8,964,000	\$ 9,618,000	\$ 9,872,000	\$ 10,478,000	\$ 11,279,000
Adopted replacement reserve ceiling	\$ 39,108,000	\$ 42,776,000	\$ 46,257,000	\$ 49,754,000	\$ 53,520,000

Significant Assumptions

Debt Service on the 2008 loan is assumed to start at the current rate of 1.09% and accelerate by 3% of the rate every six months. Interest on the 2011 loan is assumed to start at 1.25% and escalate by 3% each six months. Debt in 2015 is assumed at the same as the 2005 all-in rate of 4.736%.

Operating transfers are the result of operating activity transferred from the disbursements fund during the year. Assumptions include rate increases in years, 12/13, 13/14, 14/15, and 15/16: to water commodity Tier 1 per unit of 28¢ (9.6%), 28¢ (8.7%), 28¢ (8.0%), and 28¢ (7.4%), respectively; to monthly ready-to-serve 5/8" meter of \$1.91 (8.3%), \$2.50 (10.0%), \$3.49 (12.7%), and \$3.86 (12.4%), respectively; and to monthly sewer for a single family resident of \$1.87 (5.5%), \$1.98 (5.5%), \$1.65 (4.4%), and \$1.28 (3.2%), respectively. Over the next five years, cost of wholesale water commodity will increase by 36% and wholesale fixed charges will increase 50%. Most other operating costs will increase by 3% from year-to-year.

Capital Facility Fees rates will increase 3% per year. The District will collect capacity charges for 124 water EDUs in 2011/12, 146 in 2012/13, and 190 in 2014/15 and every year thereafter. The District will collect capacity charges for 112 sewer EDUs in 2011/12, 169 in 2012/13, and 223 in 2013/14 and every year thereafter.

Property tax revenue from the 1% allocation will remain constant each year. However, pass-through RDA increment will be received for the 2010/11 and 2011/12 fiscal years and then cease.

Investment earnings are assumed earned on the average balance at 0.726% (District's weighted average rate of return for March 2011).

The **Long Range Reserve Projection** includes simplifying assumptions of three percent (3%) inflationary increases in Capital Facility Fees and four percent (3%) for Operating Transfers. The presentation combines restricted funds and replacement reserves.

Vallecitos Water District
 Replacement Reserve Limits - Water System
 For the 2011/12 Budget year

Current ENR Index	9010.8
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Year Added	Original Cost	ENR Factor	2011 Costs	Year of Replacement										
				2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
1957	\$ 923,038	12.45	\$ 11,487,998	\$ 370,581	\$ 370,581	\$ 370,581	370,581	370,581	370,581	370,581	370,581	370,581	370,581	370,581
1958	134,201	11.87	1,593,226	51,394	51,394	51,394	51,394	51,394	51,394	51,394	51,394	51,394	51,394	51,394
1963	2,067,687	10.00	20,678,706	667,055	667,055	667,055	667,055	667,055	667,055	667,055	667,055	667,055	667,055	667,055
1964	181,560	9.63	1,747,864	56,383	56,383	56,383	56,383	56,383	56,383	56,383	56,383	56,383	56,383	56,383
1965	256,377	9.28	2,379,157	76,747	76,747	76,747	76,747	76,747	76,747	76,747	76,747	76,747	76,747	76,747
1966	107,429	8.84	949,972	30,644	30,644	30,644	30,644	30,644	30,644	30,644	30,644	30,644	30,644	30,644
1967	122,039	8.39	1,023,900	33,029	33,029	33,029	33,029	33,029	33,029	33,029	33,029	33,029	33,029	33,029
1968	37,421	7.80	291,942	9,417	9,417	9,417	9,417	9,417	9,417	9,417	9,417	9,417	9,417	9,417
1969	39,742	7.10	282,196	9,103	9,103	9,103	9,103	9,103	9,103	9,103	9,103	9,103	9,103	9,103
1970	37,955	6.52	247,650	7,989	7,989	7,989	7,989	7,989	7,989	7,989	7,989	7,989	7,989	7,989
1971	90,080	5.70	513,405	16,561	16,561	16,561	16,561	16,561	16,561	16,561	16,561	16,561	16,561	16,561
1972	77,091	5.14	396,264	12,783	12,783	12,783	12,783	12,783	12,783	12,783	12,783	12,783	12,783	12,783
1973	169,427	4.76	805,632	-	25,988	25,988	25,988	25,988	25,988	25,988	25,988	25,988	25,988	25,988
1974	141,987	4.46	633,374	-	-	20,431	20,431	20,431	20,431	20,431	20,431	20,431	20,431	20,431
1975	230,530	4.07	939,087	-	-	-	30,293	30,293	30,293	30,293	30,293	30,293	30,293	30,293
1976	296,066	3.75	1,111,117	-	-	-	-	35,842	35,842	35,842	35,842	35,842	35,842	35,842
1977	303,133	3.50	1,060,354	-	-	-	-	-	34,205	34,205	34,205	34,205	34,205	34,205
1978	3,353,752	3.25	10,886,163	-	-	-	-	-	-	351,167	351,167	351,167	351,167	351,167
1979	933,794	3.00	2,801,942	-	-	-	-	-	-	-	90,385	90,385	90,385	90,385
1980	390,894	2.78	1,088,127	-	-	-	-	-	-	-	-	35,101	35,101	35,101
1981	397,944	2.55	1,014,369	-	-	-	-	-	-	-	-	-	-	32,722
1982	1,933,811	2.36	4,555,604	-	-	-	-	-	-	-	-	-	-	-
1983	3,393,243	2.22	7,519,880	-	-	-	-	-	-	-	-	-	-	-
1984	5,435,002	2.17	11,812,281	-	-	-	-	-	-	-	-	-	-	-
1985	675,452	2.15	1,450,861	-	-	-	-	-	-	-	-	-	-	-
1986	611,788	2.10	1,283,516	-	-	-	-	-	-	-	-	-	-	-
1987	799,052	2.05	1,634,157	-	-	-	-	-	-	-	-	-	-	-
1988	8,585,267	1.99	17,118,859	-	-	-	-	-	-	-	-	-	-	-
1989	1,572,104	1.95	3,069,537	-	-	-	-	-	-	-	-	-	-	-
1990	2,124,484	1.90	4,045,499	-	-	-	-	-	-	-	-	-	-	-
1991	1,777,396	1.86	3,312,463	-	-	-	-	-	-	-	-	-	-	-
1992	8,263,508	1.81	14,936,975	-	-	-	-	-	-	-	-	-	-	-
1993	3,727,844	1.73	6,447,381	-	-	-	-	-	-	-	-	-	-	-
1994	2,198,280	1.67	3,662,770	-	-	-	-	-	-	-	-	-	-	-
1995	4,438,365	1.65	7,310,038	-	-	-	-	-	-	-	-	-	-	-
1996	1,872,216	1.60	3,001,809	-	-	-	-	-	-	-	-	-	-	-
1997	3,075,659	1.55	4,756,977	-	-	-	-	-	-	-	-	-	-	-
1998	4,236,142	1.52	6,447,809	-	-	-	-	-	-	-	-	-	-	-
1999	1,216,379	1.49	1,808,970	-	-	-	-	-	-	-	-	-	-	-
2000	33,016,987	1.45	47,823,415	-	-	-	-	-	-	-	-	-	-	-
2001	1,599,452	1.42	2,272,165	-	-	-	-	-	-	-	-	-	-	-
2002	2,243,174	1.38	3,091,586	-	-	-	-	-	-	-	-	-	-	-
2003	8,148,602	1.35	10,967,793	-	-	-	-	-	-	-	-	-	-	-
2004	4,803,706	1.27	6,083,753	-	-	-	-	-	-	-	-	-	-	-
2005	4,945,039	1.21	5,984,270	-	-	-	-	-	-	-	-	-	-	-
2006	6,296,020	1.16	7,319,336	-	-	-	-	-	-	-	-	-	-	-
2007	9,123,102	1.13	10,319,665	-	-	-	-	-	-	-	-	-	-	-
2008	7,200,501	1.08	7,807,735	-	-	-	-	-	-	-	-	-	-	-
2009	32,403,360	1.05	34,070,035	-	-	-	-	-	-	-	-	-	-	-
2010	4,510,327	1.02	4,617,320	-	-	-	-	-	-	-	-	-	-	-
	<u>\$180,518,409</u>		<u>\$306,464,905</u>	<u>1,341,687</u>	<u>1,367,675</u>	<u>1,388,106</u>	<u>1,418,399</u>	<u>1,454,242</u>	<u>1,488,447</u>	<u>1,839,613</u>	<u>1,929,998</u>	<u>1,965,099</u>	<u>1,997,821</u>	
Three-Year Minimum Reserve Balance				<-----\$4,097,467----->										
Ten-Year Maximum Reserve Balance				<----- \$16,191,086 ----->										

Vallecitos Water District
 Replacement Reserve Limits - Wastewater System
 For the 2011/12 Budget year

Current ENR Index	9010.8
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Year Added	Original Cost	ENR Factor	2011 Costs	Year of Replacement										
				2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
1964	\$ 1,421,340	9.63	\$ 13,683,131	\$ 441,391	\$ 441,391	\$ 441,391	441,391	441,391	441,391	441,391	441,391	441,391	441,391	441,391
1965	394,116	9.28	3,657,364	117,979	117,979	117,979	117,979	117,979	117,979	117,979	117,979	117,979	117,979	117,979
1966	110,183	8.84	974,325	31,430	31,430	31,430	31,430	31,430	31,430	31,430	31,430	31,430	31,430	31,430
1967	41,816	8.39	350,834	11,317	11,317	11,317	11,317	11,317	11,317	11,317	11,317	11,317	11,317	11,317
1968	24,352	7.80	189,984	6,129	6,129	6,129	6,129	6,129	6,129	6,129	6,129	6,129	6,129	6,129
1969	28,784	7.10	204,387	6,593	6,593	6,593	6,593	6,593	6,593	6,593	6,593	6,593	6,593	6,593
1970	1,617,466	6.52	10,553,702	340,442	340,442	340,442	340,442	340,442	340,442	340,442	340,442	340,442	340,442	340,442
1971	53,601	5.70	305,495	9,855	9,855	9,855	9,855	9,855	9,855	9,855	9,855	9,855	9,855	9,855
1972	78,755	5.14	404,818	13,059	13,059	13,059	13,059	13,059	13,059	13,059	13,059	13,059	13,059	13,059
1973	149,279	4.76	709,828	-	22,898	22,898	22,898	22,898	22,898	22,898	22,898	22,898	22,898	22,898
1974	409,501	4.46	1,826,699	-	-	58,926	58,926	58,926	58,926	58,926	58,926	58,926	58,926	58,926
1975	189,378	4.07	771,450	-	-	-	24,885	24,885	24,885	24,885	24,885	24,885	24,885	24,885
1976	151,559	3.75	568,791	-	-	-	-	18,348	18,348	18,348	18,348	18,348	18,348	18,348
1977	394,775	3.50	1,380,916	-	-	-	-	-	44,546	44,546	44,546	44,546	44,546	44,546
1978	930,683	3.25	3,020,965	-	-	-	-	-	-	97,450	97,450	97,450	97,450	97,450
1979	697,184	3.00	2,091,970	-	-	-	-	-	-	-	67,483	67,483	67,483	67,483
1980	139,384	2.78	388,002	-	-	-	-	-	-	-	-	12,516	12,516	12,516
1981	192,586	2.55	490,906	-	-	-	-	-	-	-	-	-	-	15,836
1982	4,772,279	2.36	11,242,366	-	-	-	-	-	-	-	-	-	-	-
1983	-	2.22	-	-	-	-	-	-	-	-	-	-	-	-
1984	-	2.17	-	-	-	-	-	-	-	-	-	-	-	-
1985	5,149,309	2.15	11,060,642	-	-	-	-	-	-	-	-	-	-	-
1986	19,355,791	2.10	40,607,954	-	-	-	-	-	-	-	-	-	-	-
1987	381,136	2.05	779,469	-	-	-	-	-	-	-	-	-	-	-
1988	1,232,431	1.99	2,457,444	-	-	-	-	-	-	-	-	-	-	-
1989	2,001,761	1.95	3,908,444	-	-	-	-	-	-	-	-	-	-	-
1990	3,031,169	1.90	5,772,032	-	-	-	-	-	-	-	-	-	-	-
1991	1,864,618	1.86	3,475,015	-	-	-	-	-	-	-	-	-	-	-
1992	3,162,421	1.81	5,716,338	-	-	-	-	-	-	-	-	-	-	-
1993	13,446,724	1.73	23,256,380	-	-	-	-	-	-	-	-	-	-	-
1994	2,113,222	1.67	3,521,047	-	-	-	-	-	-	-	-	-	-	-
1995	3,276,618	1.65	5,396,628	-	-	-	-	-	-	-	-	-	-	-
1996	1,199,768	1.60	1,923,642	-	-	-	-	-	-	-	-	-	-	-
1997	988,964	1.55	1,529,584	-	-	-	-	-	-	-	-	-	-	-
1998	4,670,391	1.52	7,108,777	-	-	-	-	-	-	-	-	-	-	-
1999	1,047,495	1.49	1,557,810	-	-	-	-	-	-	-	-	-	-	-
2000	3,954,391	1.45	5,727,733	-	-	-	-	-	-	-	-	-	-	-
2001	2,705,995	1.42	3,844,108	-	-	-	-	-	-	-	-	-	-	-
2002	109,018	1.38	150,251	-	-	-	-	-	-	-	-	-	-	-
2003	9,260,829	1.35	12,464,819	-	-	-	-	-	-	-	-	-	-	-
2004	3,031,642	1.27	3,839,486	-	-	-	-	-	-	-	-	-	-	-
2005	2,984,298	1.21	3,611,467	-	-	-	-	-	-	-	-	-	-	-
2006	7,245,244	1.16	8,422,842	-	-	-	-	-	-	-	-	-	-	-
2007	(10,129,834)	1.13	(11,458,437)	-	-	-	-	-	-	-	-	-	-	-
2008	9,022,922	1.08	9,783,844	-	-	-	-	-	-	-	-	-	-	-
2009	37,476,922	1.05	39,404,556	-	-	-	-	-	-	-	-	-	-	-
2010	3,860,825	1.02	3,952,411	-	-	-	-	-	-	-	-	-	-	-
	<u>\$144,241,091</u>		<u>\$ 246,677,807</u>	<u>978,195</u>	<u>1,001,092</u>	<u>1,060,018</u>	<u>1,084,904</u>	<u>1,103,252</u>	<u>1,147,797</u>	<u>1,245,248</u>	<u>1,312,731</u>	<u>1,325,247</u>	<u>1,341,083</u>	
Three-Year Minimum Reserve Balance	<-----\$3,039,306----->													
Ten-Year Maximum Reserve Balance	<-----\$11,599,567----->													