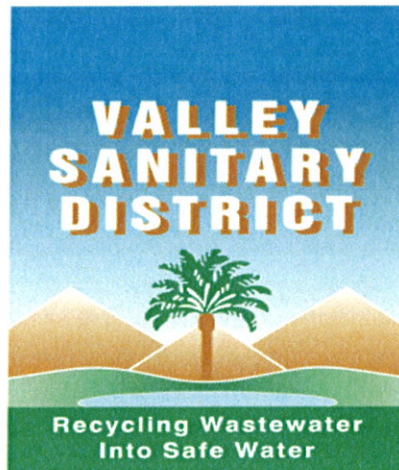


Operations & Maintenance Budget And Capital Improvement Program Fiscal Year 2013/2014



**Operations & Maintenance Budget
And
Capital Improvement Program
Fiscal Year 2013/2014**

Board of Directors

Douglas A. York, President of the Board

Richard Friestad, Vice-President

Merritt W. Wiseman, Secretary-Treasurer

Mike Duran, Director

William R. Teague, Director

General Manager

Joseph Glowitz

**VALLEY SANITARY DISTRICT
FISCAL YEAR 2013/2014 BUDGET**

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER

JUNE 11, 2013

The budget narrative is organized in the following sections:

- 1.0 Executive Summary
- 2.0 Operations & Maintenance Budget
- 3.0 Five Year Capital Improvement Program Budget
- 4.0 Fiscal Year 2013/2014 Budget
- 5.0 Annual Sewer Use Fee
- 6.0 Capacity Connection Charge
- 7.0 Recommendations

1.0 Executive Summary

The Fiscal Year 2013/2014 draft budget is presented to the Valley Sanitary District Board of Directors for your review, discussion and consideration.

The Operations and Maintenance budget for Fiscal Year 2013/2014 is projected at \$8,229,384. Capital expenditures in Fund 11 are projected at \$ 249,000 and the amount that will be invested into the Reserve Funds will be \$3,291,754.

It is recommended that the salaries be raised with the cost of living at 2 percent with applicable merit increases for all employees.

It is recommended that the Sewer Use Fee remain the same at \$ 270 per equivalent dwelling unit (EDU or unit of service).

It is recommended that the capacity connection fee remain the same at \$4,265 per EDU.

The following is a discussion of the highlights of the proposed budget.

2.0 Operations and Maintenance Budget

Salaries & Standby Pay

The proposed budget does allow for a cost of living adjustment of 2 percent, based on the consumer price index from January 2012 to December 2012. The Salary Schedule in Section 2 on Page 2.3 reflects an across the board 2 percent increase. The proposed budget does allow for step increases for all eligible employees.

Retirement Benefits

On January 1, 2013, California law created a mandatory two tiered CalPERS pension system, requiring any new employee to CalPERS be placed in Tier 2 (2 % @ 62) plan. Existing CalPERS members are eligible for the Tier 1 (2.5% @ 55) plan. The District currently maintains three different mandatory retirement plans, as shown in Table 1.

**VALLEY SANITARY DISTRICT
FISCAL YEAR 2013/2014 BUDGET**

Table 1: District Mandatory Retirement Plans

Plan Name	Type	Participants	Comment
District 401	Defined contribution	1	This plan will end when last employee leaves District.
Tier 1 - CalPERS 2.5% @ 55	Defined benefit	24	Legacy members in CalPERS
Tier 2 - CalPERS 2% @ 62	Defined benefit	1	New members to CalPERS

* There is currently 1 vacancy

The District 401 defined contribution plan will terminate when the last employee leaves the District. Any new employee who is not vested in the legacy CalPERS retirement system shall be placed in the Tier 2 Plan.

Table 2 illustrates the CalPERS retirement summary for the legacy CalPERS employees (Tier 1) for fiscal years 2006/2007 through 2013/2014.

**Table 2: CalPERS Contribution Summary
Tier 1 – Legacy CalPERS Employees**

	2006/2007 Fiscal Year	2007/2008 Fiscal Year	2008/2009 Fiscal Year	2009/2010 Fiscal Year	2010/2011 Fiscal Year	2011/2012 Fiscal Year	2012/2013 Fiscal Year	2013/2014 Fiscal Year
District Contribution Established by CalPERS (Legacy members)	13.752%	14.073%	15.757%	15.615%	16.478%	19.169%	19.662%	20.587%
Actual Employee Rate (2.5% at 55) (Legacy members)	7.908%	8%	8%	7.858%	8%	8%	8%	8%
Total Contribution (Legacy members)	21.752% (13.752+8%)	22.073% (14.073+8%)	23.757% (15.757+8%)	23.615% (15.615+8%)	24.478% (16.478+8%)	27.169% (19.169+8%)	27.662% (19.662+8%)	28.587% (20.587+8%)

**VALLEY SANITARY DISTRICT
FISCAL YEAR 2013/2014 BUDGET**

Table 3 illustrates the CalPERS retirement summary for the new CalPERS member employees (Tier 2) for fiscal years 2006/2007 through 2013/2014.

**Table 3: CalPERS Contribution Summary
Tier 2 – New CalPERS Member Employees**

	2006/2007 Fiscal Year	2007/2008 Fiscal Year	2008/2009 Fiscal Year	2009/2010 Fiscal Year	2010/2011 Fiscal Year	2011/2012 Fiscal Year	2012/2013 Fiscal Year	2013/2014 Fiscal Year
District Contribution Established by CalPERS (New members)	-	-	-	-	-	-	-	6.70%
Employee Rate for 2.0% at 62 Plan	-	-	-	-	-	-	-	6.50%
Total Contribution (New members)	-	-	-	-	-	-	-	13.20% (6.70+6.50%)

It is recommended that the District maintain the contribution from the District to the Defined Contribution Retirement Plan at 15.757 percent of salary

It is recommended that the District contribute 20.587 percent for Tier 1 legacy employees and 6.7 percent for Tier 2 new member employees to the CalPERS retirement plan.

3.0 Five Year Capital Improvement Program Budget

Section 9 contains the proposed 2013/2014 budget for the Five Year Capital Improvement Program.

Construction Phase 2B of the Treatment Plant is currently projected to occur in Fiscal Year 2018/2019 and therefore falls outside of the attached Five Year Capital Improvement Program.

The Requa Avenue interceptor project continues, with the District expecting to commence on final design for Phase 1, pending verification of needs, based on the collection systems master plan and collection systems hydraulic model. Construction of this project will move forward, after final design, Board approval, final determination of available funds, and after the completion of the Treatment Plant / Building upgrade project.

To date, the Capital Replacement Fund (Fund 12) and Capital Improvement Fund (Fund 13) have enabled the District to invest approximately \$ 65 Million in the renovations and expansions of the District's collection and treatment facilities since 1998 with almost \$60 million in the past ten years.

VALLEY SANITARY DISTRICT FISCAL YEAR 2013/2014 BUDGET

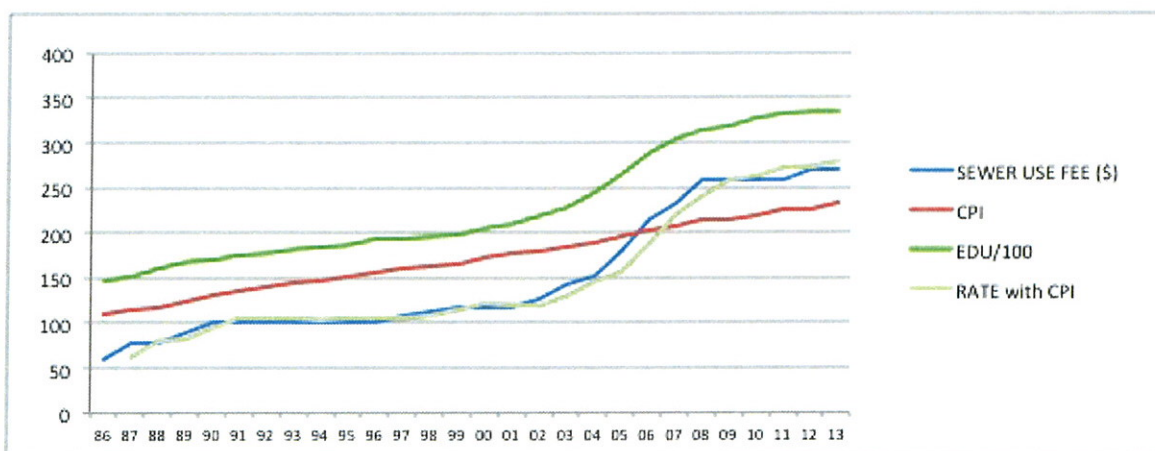
4.0 Fiscal Year 2013/2014 Budget

The Fiscal Year budget continues the best practices and budgeting methods from years past at the District. Continued evaluation of increased efficiencies, improved work methods, and judicious use of funds and resources continue. Opportunities to reduce costs, improve efficiency and provide better value for the District and rate payers continue with this recommended budget.

5.0 Annual Sewer Use Fee

The Fiscal Year budget discusses the current status of the sewer rates. Figure 1 presents the historical view of the relationship of the equivalent dwelling units (EDU), consumer price index (CPI), historical annual sewer user fee and projected sewer use fee.

Figure 1: Historical Graph of Annual Sewer Use Fee



The graph shows the historical relationships. Keeping rates stable are admirable; however, caution must be exercised in retaining flat sewer use fees for long periods of time when external upward pressures due to increased costs, additional regulations, safety requirements and the need to repair and maintain an aging system are required.

Comparable residential sewer use fees from other local agencies are:

City of Coachella Sanitary District	\$ 501. (Under review)
California Statewide Average (2011)	\$ 485.
Mission Springs Water District	\$ 375.
Coachella Valley Water District	\$ 294. - \$389. (based on location)
Valley Sanitary District	\$ 270.
City of Beaumont	\$ 255. - \$300. (based on location)
City of Banning	\$ 205.
City of Palm Springs	\$ 168. (Increases to \$420 by 2031)

**VALLEY SANITARY DISTRICT
FISCAL YEAR 2013/2014 BUDGET**

6.0 Capacity Connection Charge

The current capacity connection charge is \$ 4,265 per equivalent dwelling unit (EDU). This charge is levied against new development to “buy in” to the existing system, so that growth pays for growth. A review of other local agency capacity connections charges is:

Valley Sanitary District	\$ 4,265.
Coachella Valley Water District	\$ 4,231.
City of Coachella Sanitary District	\$ 3,374.
City of Beaumont	\$ 3,149.
City of Palm Springs	\$ 3,000.
City of Banning	\$ 2,786.
Mission Springs Water District	\$ 2,520.

The recommendation is that the Connection Capacity Charge be maintained at the current amount of \$ 4,265 per EDU.

7.0 Recommendations

7.1 Fiscal Year 2013 / 2014 Salary Adjustment

The recommendation is to approve the Salary Schedule on Page 2.3 that does provide for a cost of living increase of 2 percent and allow applicable step increases for eligible employees.

7.2 Fiscal Year 2013 / 2014 Pension Contribution

The recommendation is that the District maintains the contribution from the District to the Defined Contribution Retirement Plan at 15.757 percent of salary, increase the employer contribution to the CalPERS Retirement Plan to 20.587 percent for current CalPERS members and 6.7 percent for new CalPERS members. The employee contribution will be solely funded by employees at 8 percent for current CalPERS members and 6.5 percent for new CalPERS members.

7.3 Adoption of Fiscal Year 2013 / 2018 Five Year Capital Plan

The recommendation is that the Five Year Capital Improvement Program (2013/2014 - 2017/2018) be adopted.

7.4 Adoption of the Sewer User Fee

The recommendation is that the Annual Sewer Use Fee be maintained at \$270.00 per EDU per year (\$22.50 per month).

**VALLEY SANITARY DISTRICT
FISCAL YEAR 2013/2014 BUDGET**

7.5 Adoption of the Capacity Connection Charge

The recommendation is that the connection capacity fee be maintained at \$ 4,265 per equivalent dwelling unit (EDU) and that the \$115 fee for the Reimbursement Agreement for “Excess Portion” of Off-Site Improvements with S&D Indian Palms, as adopted by the Board on October 26, 1999, remains at that amount.

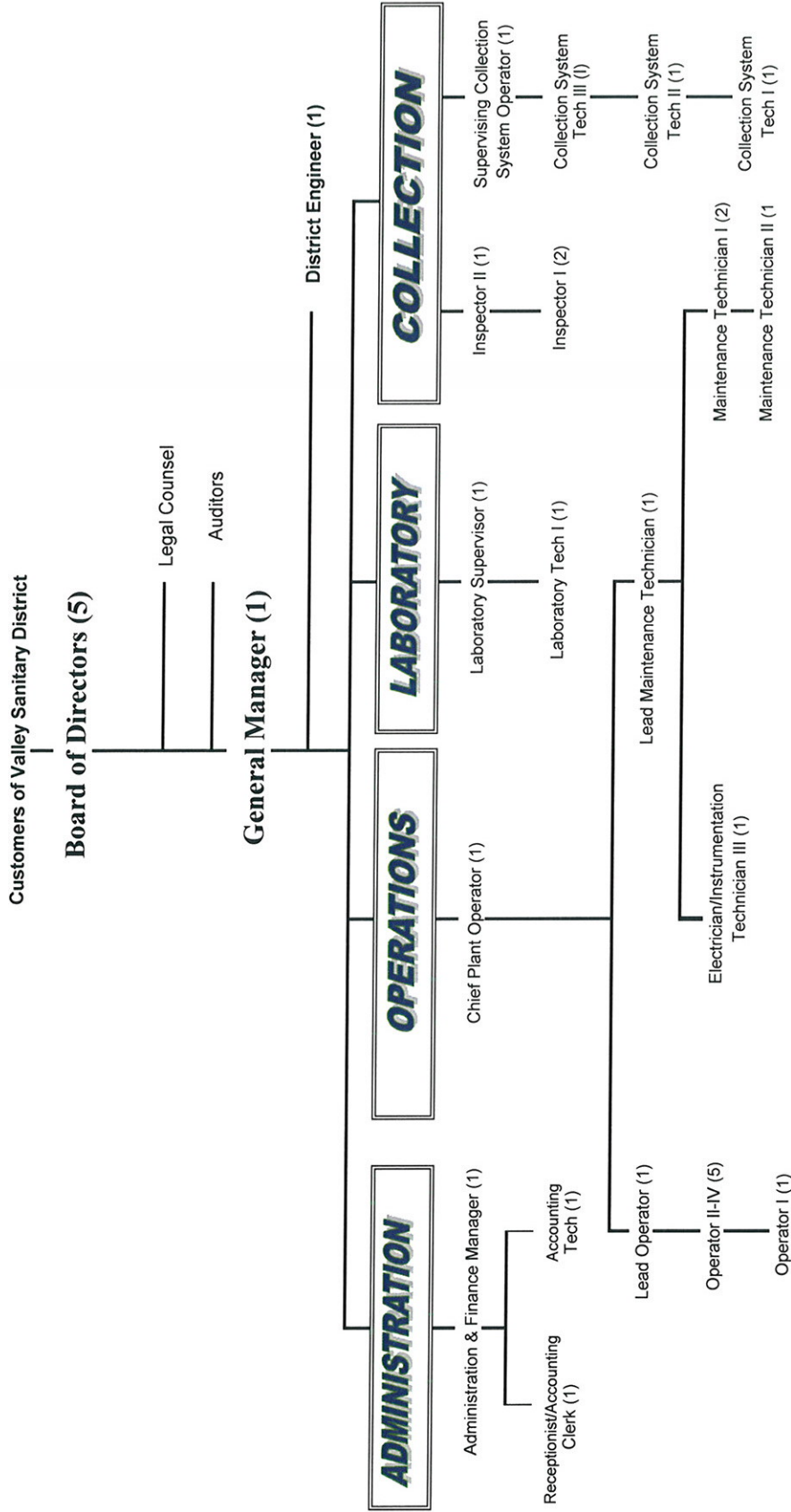
My sincere thanks to all employees who assisted in the budget preparation process, their input has been invaluable.

Respectfully submitted,

Joseph Glowitz, MBA, P.E. PMP
General Manager

VALLEY SANITARY DISTRICT

ORGANIZATIONAL CHART



Range Assignments

JOB CLASSIFICATION	RANGES	POSITIONS
ACCOUNTING TECH	10	1
ADMINISTRATION & FINANCE MANAGER	18	1
CHIEF PLANT OPERATOR	18	1
COLLECTION SYSTEMS INSPECTOR I	11	2
COLLECTION SYSTEMS INSPECTOR II	16	1
COLLECTION SYSTEMS SUPERVISOR	16	1
COLLECTION SYSTEMS TRAINEE	5	0
COLLECTION SYSTEMS TECH I	7	1
COLLECTION SYSTEMS TECH II	9	1
COLLECTION SYSTEMS TECH III	11	1
ELECTRICIAN/INSTRUMENTATION TECH III	14	1
FACILITIES MAINTENANCE	5	0
GENERAL MANAGER	Board Established	1
DISTRICT ENGINEER	23	1
LABORATORY TRAINEE	5	0
LABORATORY TECH I	9	1
LABORATORY TECH II	12	0
LABORATORY SUPERVISOR	16	1
MAINTENANCE HELPER	5	0
MAINTENANCE TECH I	7	2
MAINTENANCE TECH II	9	1
MAINTENANCE TECH III	11	0
MAINTENANCE TECHNICIAN - LEAD	14	1
OPERATOR-IN-TRAINING	5	0
OPERATOR I	8	1
OPERATOR II	10	4
OPERATOR III	12	1
OPERATOR - LEAD	14	1
RECEPTIONIST/ACCOUNTING CLERK	6	1
TOTAL BUDGETED POSITIONS		27

VALLEY SANITARY DISTRICT								2013/2014 SALARY SCHEDULE						Revised
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	* 2,612													
1	2,675	2,740	2,807	2,876	2,946	3,018	3,092	3,168	3,245	3,325	3,406	3,490	3,576	3,663
2	2,805	2,874	2,944	3,016	3,090	3,166	3,243	3,323	3,404	3,488	3,574	3,661	3,751	3,844
3	2,942	3,014	3,088	3,164	3,241	3,321	3,402	3,486	3,571	3,659	3,749	3,841	3,936	4,033
4	3,086	3,162	3,240	3,319	3,400	3,484	3,569	3,657	3,747	3,839	3,933	4,030	4,129	4,231
5	3,238	3,317	3,398	3,482	3,567	3,655	3,745	3,837	3,931	4,028	4,127	4,229	4,333	4,440
6	3,396	3,480	3,565	3,653	3,743	3,835	3,929	4,025	4,125	4,226	4,330	4,437	4,546	4,658
7	3,563	3,651	3,740	3,832	3,927	4,023	4,122	4,224	4,328	4,434	4,544	4,656	4,770	4,888
8	3,738	3,830	3,924	4,021	4,120	4,221	4,325	4,432	4,541	4,653	4,768	4,885	5,006	5,129
9	3,922	4,018	4,117	4,219	4,323	4,429	4,538	4,650	4,765	4,882	5,003	5,126	5,253	5,383
10	4,115	4,216	4,320	4,427	4,536	4,647	4,762	4,880	5,000	5,123	5,250	5,380	5,513	5,649
11	4,318	4,424	4,533	4,645	4,759	4,877	4,997	5,120	5,247	5,376	5,509	5,645	5,785	5,928
12	4,530	4,642	4,756	4,874	4,994	5,117	5,244	5,373	5,506	5,642	5,782	5,925	6,071	6,221
13	4,754	4,871	4,991	5,114	5,241	5,370	5,503	5,639	5,778	5,921	6,068	6,218	6,372	6,529
14	4,988	5,111	5,238	5,367	5,500	5,636	5,775	5,918	6,064	6,214	6,368	6,525	6,687	6,853
15	5,235	5,364	5,496	5,632	5,771	5,914	6,060	6,210	6,364	6,522	6,683	6,849	7,018	7,192
16	5,493	5,629	5,768	5,911	6,057	6,207	6,360	6,518	6,679	6,845	7,014	7,188	7,366	7,549
17						6,514	6,675	6,841	7,010	7,184	7,362	7,544	7,731	7,923
18						6,837	7,006	7,179	7,357	7,540	7,727	7,918	8,115	8,316
19						7,175	7,353	7,535	7,722	7,914	8,110	8,311	8,517	8,729
20						7,531	7,718	7,909	8,105	8,306	8,512	8,724	8,940	9,162
21						7,904	8,100	8,301	8,507	8,718	8,935	9,157	9,384	9,617
22						8,296	8,502	8,713	8,929	9,151	9,378	9,611	9,850	10,095
23						8,708	8,924	9,146	9,373	9,606	9,844	10,089	#####	10,596
24						9,140	9,367	9,600	9,838	10,083	10,333	10,590	#####	11,123
25						9,594	9,833	10,077	10,327	10,584	10,847	11,116	#####	11,676
26						10,071	10,321	10,578	10,840	11,110	11,386	11,669	#####	12,257
27						10,571	10,834	11,103	11,379	11,662	11,952	12,249	#####	12,866

Consumer Price Index - Urban Wage Earners and Clerical Workers 12-Month Percent Change

Series Id: CWURA421SA0
 Not Seasonally Adjusted
 Area: Los Angeles-Riverside-Orange County, CA
 Item: All items
 Base Period: 1982-84=100
 Years: 2008 to 2013

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	HALF1	HALF2
2008	4.6	3.7	3.6	3.7	4.1	6.1	6.6	5.7	5.0	3.5	0.6	-0.6	3.9	4.3	3.5
2009	-0.6	-0.5	-1.6	-2.1	-2.4	-2.8	-3.2	-2.1	-1.4	-0.6	1.2	2.5	-1.2	-1.7	-0.6
2010	2.3	1.8	2.4	2.4	2.0	1.0	1.0	1.0	0.5	0.9	1.0	1.6	1.5	2.0	1.0
2011	2.0	2.6	3.5	3.9	3.7	3.3	2.7	2.7	3.5	3.1	3.2	2.2	3.0	3.2	2.9
2012	2.1	2.1	2.0	1.3	1.5	1.5	1.9	2.5	2.2	3.2	2.1	2.0	2.0	1.8	2.3
2013	1.9														

Average from Jan. 2012 through Dec. 2012 = 2.0
 Information as of 2/26/13

BUDGET REVENUE PROJECTIONS				2013/2014 BUDGET	
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ACCOUNT #	ACCOUNT TITLE	2012/2013 REVENUE PROJECTIONS	2012/2013 ANTICIPATED CLOSE	2012/2013 BUDGET VARIANCE	2013/14 REVENUE PROJECTIONS
FUND 11					
OPERATING REVENUES:					
11-4120-000-0	SEWER SERVICE - CURRENT	9,027,180 (1)	8,780,000	(247,180)	9,049,590 (1)
11-4130-000-0	SEWER SERVICE - PRIOR	6,000	-	(6,000)	-
11-4140-000-0	SEWER SERVICE - PENALTIES	120,000	225	(119,775)	20,000
11-4210-000-0	PERMIT/INSPECTION FEES	29,254	29,200	(54)	39,000
11-4270-000-0	PLAN CHECK FEES	6,743	6,000	(743)	16,000
11-4285-000-0	OTHER SERVICES	3,382	2,500	(882)	5,000
11-4310-000-0	SALE OF SURPLUS PROPERTY	2,500	-	(2,500)	-
SUB-TOTALS:		9,195,059	8,817,925	(377,134)	9,129,590
NON-OPERATING REVENUES:					
11-4510-000-0	INTEREST REVENUE	13,000	21,500	8,500	22,000
11-4430-000-0	TAXES - CURRENT SECURED	432,500	576,334	143,834	500,000
11-4440-000-0	TAXES - CURRENT UNSECURED	21,000	22,815	1,815	23,000
11-4450-000-0	TAXES - PRIOR SECURED	27,000	10,482	(16,518)	22,000
11-4460-000-0	TAXES - PRIOR UNSECURED	1,580	1,537	(43)	1,580
11-4465-000-0	TAXES - PENALTIES	8,800	6,142	(2,658)	9,500
11-4470-000-0	TAXES - SUPPL CURRENT	2,132	2,132	-	2,200
11-4480-000-0	TAXES - SUPPL PRIOR	3,096	1,584	(1,512)	3,000
11-4500-000-0	HOMEOWNERS TAX RELIEF	6,750	6,623	(127)	6,700
11-4574-000-0	NON-OPERATING REV	10,000	12,633	2,633	12,500
SUB-TOTALS:		525,858	661,782	135,924	602,480
FUND 11 GRAND TOTALS:		9,720,917	9,479,707	(241,210)	9,732,070
FUND 13					
OPERATING REVENUES					
13-4200-000-0	CONNECTION FEES	1,079,045 (2)	461,784	(617,261)	1,091,840 (2)
SUB-TOTALS		1,079,045 (2)	461,784	(617,261)	1,091,840
NON-OPERATING REVENUES					
13-4510-000-0	INTEREST REVENUE	36,150	38,460	2,310	36,150
SUB-TOTALS		36,150	38,460	2,310	36,150
FUND 13 GRAND TOTALS:		1,115,195	500,244	(614,951)	1,127,990
TOTAL REVENUES:		10,836,112	9,979,951	(856,161)	10,860,060

(1) AT \$270/EDU (2) AT \$4,265/EDU

DEPARTMENT:	COMBINED	2013-2014 BUDGET			
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ACCOUNT #	ACCOUNT TITLE	2012/2013 CURRENT BUDGET (26 Employees)	2012/2013 ANTICIPATED CLOSE	2012/2013 BUDGET VARIANCE	2013/2014 BUDGET REQUEST (26 Employees)
11-5030-400-0	SALARIES	2,026,128	1,909,000	117,128	2,011,800
11-5070-400-0	OVERTIME	23,500	14,926	8,574	18,000
11-5080-400-0	CALLOUT	6,500	6,000	500	6,500
11-5090-400-0	STANDBY	31,266	31,266	-	32,000
	TOTAL SALARIES	2,087,394	1,961,192	126,202	2,068,300
11-5110-400-0	LONGEVITY	40,800	36,200	4,600	34,400
11-5112-400-0	RETIREMENT	396,676	365,900	30,776	410,660
11-5116-400-0	FICA	155,000	143,369	11,631	162,624
11-5118-400-0	UNEMPLOYMENT INSURANCE	7,500	1,980	5,520	1,500
11-5122-400-0	WORKERS COMPENSATION	51,850	50,249	1,601	47,000
11-5124-400-0	GROUP LIFE INSURANCE	6,754	6,624	130	7,240
11-5126-400-0	GROUP HEALTH INSURANCE	293,294	248,680	44,614	271,500
11-5128-400-0	DENTAL/VISION INSURANCE	21,100	21,575	(475)	28,700
11-5132-400-0	DISABILITY INSURANCE	11,842	10,750	1,092	12,000
11-5152-400-0	CLOTHING/SAFETY	17,130	16,550	580	18,780
	TOTAL BENEFITS	1,001,946	901,877	100,069	994,404
	TOTAL SALARIES/BENEFITS	3,089,340	2,863,069	226,271	3,062,704
11-5150-400-0	DIRECTORS FEES	13,500	11,000	2,500	13,500
11-5225-400-0	ELECTION	-	-	-	70,000
11-5250-400-0	GAS/OIL	42,860	40,325	2,535	44,360
11-5300-400-0	COMPREHENSIVE INSURANCE	303,000	302,954	46	345,000
11-5350-400-0	MEMBERSHIPS	36,043	35,919	124	38,600
11-5400-400-0	OFFICE EXPENSE	13,000	13,000	-	13,000
11-5410-400-0	COUNTY/CITY CHARGES	13,652	20,172	(6,520)	17,100
11-5420-400-0	PERMITS & FEES	72,176	72,116	60	76,175
11-5430-400-0	PRETREATMENT	16,000	10,000	6,000	41,000
11-5450-400-0	OPERATING SUPPLIES	84,660	67,600	17,060	89,150
11-5470-400-0	CHEMICALS	282,040	212,500	69,540	373,480
11-5500-400-0	CONTRACT SERVICES	531,489	341,306	190,183	525,470
11-5550-400-0	PROFESSIONAL/LEGAL	99,446	60,000	39,446	148,200
11-5600-400-0	PUBLICATIONS	3,500	4,158	(658)	4,500
11-5700-400-0	REPAIRS/MAINTENANCE	232,170	182,733	49,437	366,325
11-5720-400-0	SMALL TOOLS	4,500	5,180	(680)	4,500
11-5750-400-0	RESEARCH	161,080	55,000	106,080	112,140
11-5800-400-0	TRAVEL/MTGS/EDUCATION	55,800	33,910	21,890	64,200
11-5801-400-0	CERTIFICATIONS/TCPS	3,519	3,141	378	3,825
11-5901-400-0	TELEPHONE	8,604	9,224	(620)	7,800
11-5902-400-0	ELECTRICITY	565,200	507,200	58,000	613,150
11-5903-400-0	NATURAL GAS	1,000	2,000	(1,000)	13,000
11-5904-400-0	TRASH COLLECTION	20,255	18,370	1,885	20,260
11-5905-400-0	UTILITY WATER	19,516	16,300	3,216	19,720
11-5950-400-0	OTHER EXPENSES	14,018	14,891	(873)	40,000
11-7010-000-0	DEPRECIATION EXPENSE	1,656,023	1,656,023	-	2,102,225
	TOTAL SERVICES & SUPPLIES	4,253,051	3,695,022	558,029	5,166,680
	TOTAL OPERATING & MAINTENANCE BUDGET	7,342,391	6,558,091	784,300	8,229,384

ACC NO.	DESCRIPTION	COLLECTION	TREATMENT	LAB	ADMIN	TOTAL
11-5030-400-0	SALARIES	510,000	911,800	132,500	514,000	2,068,300
11-5110-400-0	LONGEVITY	13,200	20,000	1,200	-	34,400
11-5112-400-0	RETIREMENT	92,580	185,560	27,320	105,200	410,660
11-5116-400-0	FICA	44,414	68,950	10,160	39,100	162,624
11-5118-400-0	UNEMPLOYMENT INSURANCE	-	-	-	1,500	1,500
11-5122-400-0	WORKERS COMPENSATION	14,200	27,100	4,000	1,700	47,000
11-5124-400-0	GROUP LIFE INSURANCE	2,000	3,000	540	1,700	7,240
11-5126-400-0	GROUP HEALTH INSURANCE	60,000	140,000	22,000	49,500	271,500
11-5128-400-0	DENTAL/VISION INSURANCE	6,600	12,500	2,500	7,100	28,700
11-5132-400-0	DISABILITY INSURANCE	3,000	5,100	1,000	2,900	12,000
11-5152-400-0	CLOTHING/SAFETY	6,000	10,670	2,110	-	18,780
TOTAL BENEFITS		241,994	472,880	70,830	208,700	994,404
TOTAL SALARIES/BENEFITS		751,994	1,384,680	203,330	722,700	3,062,704
=====						
11-5150-400-0	DIRECTORS FEES	-	-	-	13,500	13,500
11-5225-400-0	ELECTION	-	-	-	70,000	70,000
11-5250-400-0	GAS/OIL	-	44,360	-	-	44,360
11-5300-400-0	COMPREHENSIVE INSURANCE	-	-	-	345,000	345,000
11-5350-400-0	MEMBERSHIPS/SUBSCRIPT	1,000	2,300	300	35,000	38,600
11-5400-400-0	OFFICE EXPENSES	-	-	-	13,000	13,000
11-5410-400-0	COUNTY/CITY CHARGES	-	-	-	17,100	17,100
11-5420-400-0	PERMITS & FEES	8,700	60,500	3,975	3,000	76,175
11-5430-400-0	PRETREATMENT	41,000	-	-	-	41,000
11-5450-400-0	OPERATING SUPPLIES	3,200	60,700	18,250	7,000	89,150
11-5470-400-0	CHEMICALS	-	373,480	-	-	373,480
11-5500-400-0	CONTRACT SERVICES	70,000	403,470	2,000	50,000	525,470
11-5550-400-0	PROFESSIONAL/LEGAL	-	-	48,000	100,200	148,200
11-5600-400-0	PUBLICATIONS	-	-	-	4,500	4,500
11-5700-400-0	REPAIRS/MAINTENANCE	100,600	235,000	10,725	20,000	366,325
11-5750-400-0	SMALL TOOLS	1,000	3,000	500	-	4,500
11-5750-400-0	RESEARCH	-	-	112,140	-	112,140
11-5800-400-0	TRAVEL/MTGS/EDUCATION	6,000	17,200	2,000	39,000	64,200
11-5801-400-0	CERTIFICATIONS/TCPS	1,000	2,000	325	500	3,825
11-5901-400-0	TELEPHONE	-	-	-	7,800	7,800
11-5902-400-0	ELECTRICITY	5,000	608,150	-	-	613,150
11-5903-400-0	NATURAL GAS	-	13,000	-	-	13,000
11-5904-400-0	TRASH COLLECTION	-	20,260	-	-	20,260
11-5905-400-0	UTILITY WATER	3,500	16,220	-	-	19,720
11-5950-400-0	OTHER EXPENSES	10,000	10,000	10,000	10,000	40,000
11-7010-000-0	DEPRECIATION EXPENSE	450,000	1,567,870	1,030	83,325	2,102,225
TOTAL SERVICES & SUPPLIES		701,000	3,437,510	209,245	818,925	5,166,680
=====						
TOTAL OPERATING & MAINTENANCE BUDGET		1,452,994	4,822,190	412,575	1,541,625	8,229,384
=====						
=====						

BUDGET REVENUE PROJECTIONS**2013/2014 BUDGET**

ACCOUNT #	ACCOUNT TITLE	2012/2013 REVENUE PROJECTIONS	2012/2013 ANTICIPATED CLOSE	2012/2013 BUDGET VARIANCE	2013/14 REVENUE PROJECTIONS
FUND 11					
OPERATING REVENUES:					
11-4120-000-0	SEWER SERVICE - CURRENT	9,027,180 (1)	8,780,000	(247,180)	9,049,590 (1)
11-4130-000-0	SEWER SERVICE - PRIOR	6,000	-	(6,000)	-
11-4140-000-0	SEWER SERVICE - PENALTIES	120,000	225	(119,775)	20,000
11-4210-000-0	PERMIT/INSPECTION FEES	29,254	29,200	(54)	39,000
11-4270-000-0	PLAN CHECK FEES	6,743	6,000	(743)	16,000
11-4285-000-0	OTHER SERVICES	3,382	2,500	(882)	5,000
11-4310-000-0	SALE OF SURPLUS PROPERTY	2,500	-	(2,500)	-
SUB-TOTALS:		9,195,059	8,817,925	(377,134)	9,129,590
NON-OPERATING REVENUES:					
11-4510-000-0	INTEREST REVENUE	13,000	21,500	8,500	22,000
11-4430-000-0	TAXES - CURRENT SECURED	432,500	576,334	143,834	500,000
11-4440-000-0	TAXES - CURRENT UNSECURE	21,000	22,815	1,815	23,000
11-4450-000-0	TAXES - PRIOR SECURED	27,000	10,482	(16,518)	22,000
11-4460-000-0	TAXES - PRIOR UNSECURED	1,580	1,537	(43)	1,580
11-4465-000-0	TAXES - PENALTIES	8,800	6,142	(2,658)	9,500
11-4470-000-0	TAXES - SUPPL CURRENT	2,132	2,132	-	2,200
11-4480-000-0	TAXES - SUPPL PRIOR	3,096	1,584	(1,512)	3,000
11-4500-000-0	HOMEOWNERS TAX RELIEF	6,750	6,623	(127)	6,700
11-4574-000-0	NON-OPERATING REV	10,000	12,633	2,633	12,500
SUB-TOTALS:		525,858	661,782	135,924	602,480
FUND 11 GRAND TOTALS:		9,720,917	9,479,707	(241,210)	9,732,070
FUND 13					
OPERATING REVENUES					
13-4200-000-0	CONNECTION FEES	1,079,045 (2)	461,784	(617,261)	1,091,840 (2)
SUB-TOTALS		1,079,045 (2)	461,784	(617,261)	1,091,840
NON-OPERATING REVENUES					
13-4510-000-0	INTEREST REVENUE	36,150	38,460	2,310	36,150
SUB-TOTALS		36,150	38,460	2,310	36,150
FUND 13 GRAND TOTALS:		1,115,195	500,244	(614,951)	1,127,990
TOTAL REVENUES:		10,836,112	9,979,951	(856,161)	10,860,060
(1) AT \$270/EDU (2) AT \$4,265/EDU					

PROJECTED REVENUE

FUND 11

11-4120-000-0
Sewer Service-Current

FY 2013/2014
Budget Revenue
\$ 9,049,590

SEWER SERVICE-CURRENT: Sewer Service revenue for the FY 2012/2013 was based on 33,434 Equivalent Dwelling Units (EDU's) of service at an annual rate of \$270.00 per unit. We anticipate a total of 33,517 EDU's at an annual rate of \$270.00 for the 2013/2014 Fiscal Year.

11-4140-000-0
Sewer Service-Penalties

FY 2013/2014
Budget Revenue
\$ 20,000

SEWER SERVICE – PENALTIES: Penalties imposed by the county on late tax bill payments for sewer use.

11-4210-000-0
Permit/Inspection Fees

FY 2013/2014
Budget Revenue
\$ 39,000

PERMIT/INSPECTION FEES: Estimated for lateral and mainline inspections. We now collect deposits for inspections.

11-4270-000-0
Plan Check Fees

FY 2013/2014
Budget Revenue
\$ 16,000

PLAN CHECK FEES: Anticipated revenue is based on a \$50.00 per hour fee with one hour minimum fee for plan checking. We collect deposits for plan checks.

11-4285-000-0
Other Services

FY 2013/2014
Budget Revenue
\$ 5,000

OTHER SERVICES: Income for administrative services provided for the VSD 2004 Assessment District.

11-4430-000-0
Taxes-Current Secured

FY 2013/2014
Budget Revenue
\$ 500,000

CURRENT SECURED REVENUES: Secured property is generally non-movable property, such as houses, buildings, etc. Revenues are based on general valuation. The portion of revenue designated for special district is 1%. Of this 1%, we received .00031046% of the general purpose funds county-wide for 2011-12. The AB8 factor for 2012-13 is .00030690%. At the time of budget preparation the 2013-14 factor had not been calculated by the County. The factor will be calculated around November 2013.

PROJECTED REVENUE

11-4440-000-0	FY 2013/2014
Taxes-Current Unsecured	Budget Revenue
	\$ 23,000

CURRENT UNSECURED: Unsecured property are items such as motor homes, airplanes, boats and other moveable personal property. The portion of revenue designated for special district is 1%. Of this 1%, we received .00031046% of the general purpose funds county-wide for 2011-12. The AB8 factor for 2012-13 is .00030690%. At the time of budget preparation the 2013-14 factor had not been calculated by the County. The factor will be calculated around November 2013.

11-4450-000-0	FY 2013/2014
Taxes-Prior Secured	Budget Revenue
	\$ 22,000

PRIOR SECURED: Prior secured are payments received for prior year taxes, and are similar to secured, the revenue is based on the same formula.

11-4460-000-0	FY 2013/2014
Taxes-Prior Unsecured	Budget Revenue
	\$ 1,580

PRIOR UNSECURED: Funds derived from prior unsecured properties are similar to unsecured properties mentioned above; however, these payments are for prior year taxes. The revenue is based on the same formula. Estimated revenue based on current year activity.

11-4465-000-0	FY 2013/2014
Taxes-Penalties	Budget Revenue
	\$ 9,500

TAXES – PENALTIES: Penalties imposed by the county on late tax bill payments on tax revenue.

11-4470-000-0	FY 2013/2014
Supplemental Taxes-Current	Budget Revenue
	\$ 2,200

SUPPLEMENTAL CURRENT: Funds derived from supplemental tax roll changes due to sale of property or new construction. Since July 1983, State law requires the Assessor to reappraise property as of the date of change-in-ownership or completion of new construction rather than at the next tax year.

11-4480-000-0	FY 2013/2014
Supplemental Taxes-Prior	Budget Revenue
	\$ 3,000

SUPPLEMENTAL PRIOR: Funds derived as mentioned above, for prior year.

PROJECTED REVENUE

11-4500-000-0 Homeowner's Tax Relief

FY 2013/2014
Budget Revenue
\$ 6,700

HOMEOWNER'S TAX RELIEF: This is the portion of tax funds replaced by State resources for tax relief for homeowners. For example, if a homeowner's exemption deducts \$7,000 of the property's valuation for calculating the property owner's tax, the State replaces the taxes that the \$7,000 valuation would have provided to the county.

11-4510-000-0 Interest Revenue

FY 2013/2014
Budget Revenue
\$ 22,000

INTEREST REVENUE: Projected revenue is based on interest earned during FY 2012/13 from funds on deposit through LAIF with the State of California and a money market account which was established in FY 1997/98 to provide better interest income compared to the regular checking account and yet has funds accessible for emergencies. The quarterly percentage rate earned averaged .36% from LAIF for the period of 1/31/12 to 12/31/12.

11-4574-000-0 Non-Operating Revenues

FY 2013/2014
Budget Revenue
\$ 12,500

NON-OPERATING REVENUES: This account includes revenue from other undefined sources.

PROJECTED REVENUE

FUND 13

13-4200-000-0	FY 2013/2014
Connection Fees	Budget Revenue
	\$1,091,840

Total Anticipated Connections	286
Less Anticipated Connections paid by AD 2004 VSD or Prepayment Agreement	<u>- 30</u>
Anticipated Connections that are not in AD or prepaid	256

2013/14 Connection Capacity Fee: \$4,265.00 per equivalent dwelling unit (EDU).

13-4510-000-0	FY 2013/2014
Interest Revenue	Budget Revenue
	\$ 36,150

INTEREST REVENUE: Return on invested funds that are held with the Local Agency Investment Fund (LAIF), for California's local governments and special districts. The enabling legislation for LAIF is §16429.1,2,3 of the California Government Code. The quarterly percentage rate earned averaged .32% from LAIF for the period of 1/31/12 to 12/31/12.

DEPARTMENT: COLLECTION		2013-2014 BUDGET			
ACCOUNT #	ACCOUNT TITLE	2012/2013 CURRENT BUDGET (7 Employees)	2012/2013 ANTICIPATED CLOSE	2012/2013 BUDGET VARIANCE	2013/2014 BUDGET REQUEST (7 Employees)
11-5030-410-1	SALARIES	611,628	500,000	111,628	488,000
11-5070-410-1	OVERTIME	10,000	4,000	6,000	4,500
11-5080-410-1	CALLOUT	1,500	1,500	-	1,500
11-5090-410-1	STANDBY	15,633	15,633	-	16,000
	TOTAL SALARIES	638,761	521,133	117,628	510,000
11-5110-410-1	LONGEVITY	13,200	13,200	-	13,200
11-5112-410-1	RETIREMENT	120,258	100,000	20,258	92,580
11-5116-410-1	FICA	46,790	40,000	6,790	44,414
11-5118-410-1	UNEMPLOYMENT INSURANCE	1,000	-	1,000	-
11-5122-410-1	WORKERS COMPENSATION	18,960	14,097	4,863	14,200
11-5124-410-1	GROUP LIFE INSURANCE	2,041	2,041	-	2,000
11-5126-410-1	GROUP HEALTH INSURANCE	90,294	55,000	35,294	60,000
11-5128-410-1	DENTAL/VISION INSURANCE	6,701	6,000	701	6,600
11-5132-410-1	DISABILITY INSURANCE	3,576	2,850	726	3,000
11-5152-410-1	CLOTHING/SAFETY	4,400	5,400	(1,000)	6,000
	TOTAL BENEFITS	307,220	238,588	68,632	241,994
	TOTAL SALARIES/BENEFITS	945,981	759,721	186,260	751,994
11-5150-410-1	DIRECTORS FEES	-	-	-	-
11-5225-410-1	ELECTION	-	-	-	-
11-5250-410-1	GAS/OIL	-	-	-	-
11-5300-410-1	COMPREHENSIVE INSURANCE	-	-	-	-
11-5350-410-1	MEMBERSHIPS	1,000	1,000	-	1,000
11-5400-410-1	OFFICE EXPENSE	-	-	-	-
11-5410-410-1	COUNTY/CITY CHARGES	-	-	-	-
11-5420-410-1	PERMITS & FEES	8,700	8,700	-	8,700
11-5430-410-1	PRETREATMENT	16,000	10,000	6,000	41,000
11-5450-410-1	OPERATING SUPPLIES	3,200	3,200	-	3,200
11-5470-410-1	CHEMICALS	-	-	-	-
11-5500-410-1	CONTRACT SERVICES	63,200	56,600	6,600	70,000
11-5550-410-1	PROFESSIONAL/LEGAL	-	-	-	-
11-5600-410-1	PUBLICATIONS	-	-	-	-
11-5700-410-1	REPAIRS/MAINTENANCE	58,600	51,150	7,450	100,600
11-5720-410-1	SMALL TOOLS	1,000	1,000	-	1,000
11-5750-410-1	RESEARCH	-	-	-	-
11-5800-410-1	TRAVEL/MTGS/EDUCATION	7,000	5,000	2,000	6,000
11-5801-410-1	CERTIFICATIONS/TCPS	1,000	800	200	1,000
11-5901-410-1	TELEPHONE	-	-	-	-
11-5902-410-1	ELECTRICITY	4,700	4,200	500	5,000
11-5903-410-1	NATURAL GAS	-	-	-	-
11-5904-410-1	TRASH COLLECTION	-	-	-	-
11-5905-410-1	UTILITY WATER	3,300	3,300	-	3,500
11-5950-410-1	OTHER EXPENSES	800	1,250	(450)	10,000
11-7010-000-0	DEPRECIATION EXPENSE	444,088	444,088	-	450,000
	TOTAL SERVICES & SUPPLIES	612,588	590,288	22,300	701,000
	TOTAL OPERATING & MAINTENANCE BUDGET	1,558,569	1,350,009	208,560	1,452,994

COLLECTION DEPARTMENT

11-5152-410-1 Clothing

**FY 2013/2014
Budget Request
\$ 6,000**

Justification:

Covers supply of uniforms, laundry service, safety steel-toe boots, safety vests & glasses, gloves, hard hats, etc.

- Boots-Six (6) employees (\$200 per employee): \$ 1,400
- Uniforms-Six (6) employees: 3,000
- Gloves-Six (6) employees: 1,600

11-5350-410-1 Membership

**FY 2013/2014
Budget Request
\$ 1,000**

Justification:

Membership renewal for the California Water Environment Association (CWEA) for seven (7) employees @ \$143 each, this membership includes renewal to the Colorado River Basin Local Section.

11-5420-410-1 Permits & Fees

**FY 2013/2014
Budget Request
\$ 8,700**

Justification:

The State General Waste Discharge annual permit fee of \$8,200 and an additional \$500 for unforeseen permits or fees.

11-5430-410-1 Pretreatment

**FY 2013/2014
Budget Request
\$ 41,000**

Justification:

VSD is required to administer the locally adopted pre-treatment program developed by HDR engineering and approved by the RWQCB in 2012. Staff will require program oversight and assistance to properly operate the mandated program. The professional consultant to provide these services is estimated at \$35,000.

Staff will require oversight and assistance with the annual EPA pretreatment compliance inspection for an estimated cost of \$6,000.

COLLECTION DEPARTMENT

11-5450-410-1
Operating Supplies

FY 2013/2014
Budget Request
\$ 3,200

Justification:

- Traffic Control Signs/Cones/Safety Equipment: \$ 1,000
We purchase new safety cones yearly to replace faded or damaged cones. Cones cost \$18 each. Traffic barricades with lights are \$33 each, and barrier tape is \$10 per roll. Traffic control sign posts and marking paint are included in this category.
- Plotting Supplies: \$ 200
Bond paper and ink cartridges will be required for the Canon IPF760 large format plotter.
- Miscellaneous Supplies: \$ 2,000
Duct tape, rubber tape, canvas tape, greaseless lubricant, WD-40, wax, lithium grease, wire ties, wire nuts, shrink tubing, pipe glue, Rain-X, are examples of Miscellaneous Supplies used.

COLLECTION DEPARTMENT

11-5500-410-1
Contract Services

FY 2013/2014
Budget Request
\$ 70,000

Justification:

- Roach Control Program: \$ 30,000
Last fiscal year the cost for spraying each manhole was approximately \$15.60. Each year the cost increases by 2%. The cost this year will be approximately \$15.91 per manhole with 1,900 manholes being sprayed per year.
- Root Control Program: \$ 15,000
The application of chemical foam to control root growth in sewer lines to prevent stoppages is more effective than other alternatives. Last year we treated 6,500 ft. of sewer main at a cost of \$1.03 per foot. Staff is proposing to treat 14,000 ft. of sewer mains this year, primarily in backyard easements.
- Dig Alert: \$ 1,800
The District belongs to the Dig Alert network that notifies local utility companies when any excavations are being done within our service area. This year the Dig Alert fee is \$1.50 per ticket; we have an average of 100 tickets per month.
- Arch Wireless Beepers: \$ 200
The Collection Department currently has one beeper that is used by Collection Staff in case of a stoppage during non-working hours.
- Nextel/Sprint Cellular: \$ 5,500
Six Cell Phones are currently required for the Collection Department.
- Annual Monitoring Fee/ Pump Stations \$ 600
Wireless communication subscription fees for the pump station alarm system.
- AutoCAD Map 5 Annual Renewal: \$ 500
Annual license renewal and software upgrades.
- ESRI ARCVIEW 10.0 Annual Renewal: \$ 2,400
Annual license renewal and software upgrades for 7 Arc View software programs.
- Lucity Program Annual Renewal: \$ 5,000
Annual license renewal and software upgrades.
- Pipelogix Annual Renewal: \$ 2,000
Annual license renewal and software upgrades.
- ERICA Radio Member Fee: \$ 3,600
The collections department utilized six (6) two way radios for communicating out in the field during daily operations and in the event of a wide spread disaster. These radios are part of the Eastern Riverside County Interoperable Communications Authority (ERICA). Cost per radio is \$50 per month.
- Bentley Select Maintenance Agreement (SewerGems): \$ 3,400
Annual maintenance subscription for SewerGems.

COLLECTION DEPARTMENT

11-5700-410-1 Repairs and Maintenance

FY 2013/2014
Budget Request
\$ 100,600

Justification:

- VACTOR Parts/Repairs/Planned Expenditures:

\$ 32,000

<u>Items</u>	<u>Estimated Price</u>
1) 800 feet of one-inch sewer jet hose	\$ 3,300
2) Proofer Skid for jetting lines	500
3) Tiger Tail hose guide	200
4) One-inch leader hose	500
5) Nozzles for jetting	800
6) Fire Hose	200
7) High Pressure Pump Parts	2,500
8) Tires	2,000
9) Vactor oil & Lube Service	2,000
10) Contingency for emergency repairs	20,000

- Miscellaneous Expenses:

\$ 600

Portland cement, plastic cement, gravel, masonry sand, wood for forming cement, grade rings are examples of miscellaneous expenses that are in this account.

- Equipment Repairs:

\$ 2,000

The Collection Department periodically has to repair the equipment that is used daily. Examples of this type of equipment would be: gas detectors, confined space equipment, surveyor's level, sewer plug repairs, etc.

- T.V. Van Parts & Repair:

\$ 15,000

Parts and repair estimates for the television equipment, including contingency for emergency repairs.

- Vehicle Repairs:

\$ 1,500

Includes the TV Van, 2000 F-250, 2008 F150 and the new 2010 F350 Ford trucks assigned to the Collection Department. Maintenance is done on a quarterly basis on all four vehicles. The budget is for oil and filter changes and general maintenance expenses for four vehicles.

- Pump Station Repairs and parts:

\$ 4,000

The Collection Department currently has five (5) pump stations that require replacement compressors and electrical components. The pumps require seals and unforeseen motor repairs.

- Mainline Repair: (Contingency for emergency repairs)

\$ 10,000

There is always the possibility that sewer mains will need to be repaired due to various causes. To insure the health and safety of the community, this item is budgeted as a contingency in case mainline repairs are needed.

- Equipment Rentals: (Contingency for emergency repairs)

\$ 3,500

The Collection Department does not have all the equipment needed to complete emergency repairs. When these situations occur it is necessary to rent the equipment to complete the project. The fund for this category is a contingency item in case construction equipment is needed.

COLLECTION DEPARTMENT

11-5720-410-1 Small Tools

FY 2013/2014
Budget Request
\$ 1,000

Justification:

Miscellaneous Small Tools:

Small tools needed to work in the field are included in this category. Such as picks for opening manhole covers, bubble levels, tape measures, shovels, hammers, wooden handles, sewer plugs, wrenches, pipe saws, and pipe wrenches, etc. This includes the purchase of a parachute style safety harness required for confined space entry.

11-5800-410-1 Travel, Meetings, & Education

FY 2013/2014
Budget Request
\$ 6,000

Justification:

Travel expenses to conferences and training seminars, registration fees, meals, lodging and related expenses: The Collection Department has 6 employees at \$1,000 each.

11-5801-410-1 Certifications

FY 2013/2014
Budget Request
\$ 1,000

Justification:

- State Water Resource Control Board:
Operator Certification Program

Job Title	Renewal Date	Grade	Renewal Fee
Operator II	June 30, 2014	II	\$ 130

- California Water Environment Association:
Technical Certifications Program

Job Title	Renewal Date	Grade	Renewal Fee
Inspector II	July 2013/January 2014	IW-I & Lab-I	\$ 142
Supervisor	January 2014	IV	\$ 86
1-Tech I	January 2014	I	\$ 71
1-Tech II	January 2014	II	\$ 76
1-Tech III	January 2014	III	\$ 85
Enviro Insp I (Sal)	January 2014	I	\$ 71
Allowance for advancement (certification testing)			\$ 300

COLLECTION DEPARTMENT

11-5902-410-1
Electricity

FY 2013/2014
Budget Request
\$ 5,000

Justification:

Covers the electricity cost for 5 lift stations. During the 2013/14 fiscal year the District will have the Barrymore, Carver, Shields Road, Vandenberg and the Calhoun Pump Stations online. Costs include a 5% adjustment for increased energy cost.

11-5905-410-1
Utility Water

FY 2013/2014
Budget Request
\$ 3,500

Justification:

VSD is billed for water service from the Indio Water Authority.

11-5950-410-1
Other Expenses

FY 2013/2014
Budget Request
\$ 10,000

Justification:

Miscellaneous expense contingency fund used to buy unbudgeted items that are necessary throughout the year, but are not budgeted under a specific category; including DMV Class "B" license renewals and employee awards.

DEPARTMENT: TREATMENT	2013-2014 BUDGET
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ACCOUNT #	ACCOUNT TITLE	2012/2013 CURRENT BUDGET (13 Employees)	2012/2013 ANTICIPATED CLOSE	2012/2013 BUDGET VARIANCE	2013/2014 BUDGET REQUEST (13 Employees)
11-5030-411-1	SALARIES	877,368	865,000	12,368	881,300
11-5070-411-1	OVERTIME	10,000	10,000	-	10,000
11-5080-411-1	CALLOUT	4,500	4,500	-	4,500
11-5090-411-1	STANDBY	15,633	15,633	-	16,000
	TOTAL SALARIES	907,501	895,133	12,368	911,800
11-5110-411-1	LONGEVITY	19,200	19,200	-	20,000
11-5112-411-1	RETIREMENT	172,147	174,000	(1,853)	185,560
11-5116-411-1	FICA	67,119	67,119	-	68,950
11-5118-411-1	UNEMPLOYMENT INSURANCE	3,000	-	3,000	-
11-5122-411-1	WORKERS COMPENSATION	27,198	27,814	(616)	27,100
11-5124-411-1	GROUP LIFE INSURANCE	3,033	3,033	-	3,000
11-5126-411-1	GROUP HEALTH INSURANCE	140,024	138,680	1,344	140,000
11-5128-411-1	DENTAL/VISION INSURANCE	10,107	10,000	107	12,500
11-5132-411-1	DISABILITY INSURANCE	5,247	5,100	147	5,100
11-5152-411-1	CLOTHING/SAFETY	10,670	9,400	1,270	10,670
	TOTAL BENEFITS	457,745	454,346	3,399	472,880
	TOTAL SALARIES/BENEFITS	1,365,246	1,349,479	15,767	1,384,680
11-5150-411-1	DIRECTORS FEES	-	-	-	-
11-5225-411-1	ELECTION	-	-	-	-
11-5250-411-1	GAS/OIL	42,860	40,325	2,535	44,360
11-5300-411-1	COMPREHENSIVE INSURANCE	-	-	-	-
11-5350-411-1	MEMBERSHIPS	1,933	1,933	-	2,300
11-5400-411-1	OFFICE EXPENSE	-	-	-	-
11-5410-411-1	COUNTY/CITY CHARGES	-	-	-	-
11-5420-411-1	PERMITS & FEES	56,601	55,000	1,601	60,500
11-5430-411-1	PRETREATMENT	-	-	-	-
11-5450-411-1	OPERATING SUPPLIES	60,722	47,400	13,322	60,700
11-5470-411-1	CHEMICALS	282,040	212,500	69,540	373,480
11-5500-411-1	CONTRACT SERVICES	424,773	237,900	186,873	403,470
11-5550-411-1	PROFESSIONAL/LEGAL	-	-	-	-
11-5600-411-1	PUBLICATIONS	-	-	-	-
11-5710-411-1	REPAIRS/MAINTENANCE	147,717	104,000	43,717	235,000
11-5720-411-1	SMALL TOOLS	3,000	3,000	-	3,000
11-5750-411-1	RESEARCH	-	-	-	-
11-5800-411-1	TRAVEL/MTGS/EDUCATION	19,200	7,410	11,790	17,200
11-5801-411-1	CERTIFICATIONS/TCPS	1,912	1,912	-	2,000
11-5901-411-1	TELEPHONE	7,524	7,524	-	-
11-5902-411-1	ELECTRICITY	560,500	503,000	57,500	608,150
11-5903-411-1	NATURAL GAS	1,000	2,000	(1,000)	13,000
11-5904-411-1	TRASH COLLECTION	20,255	18,370	1,885	20,260
11-5905-411-1	UTILITY WATER	16,216	13,000	3,216	16,220
11-5950-411-1	OTHER EXPENSES	2,718	3,111	(393)	10,000
11-7010-000-0	DEPRECIATION EXPENSE	1,208,368	1,208,368	-	1,567,870
	TOTAL SERVICES & SUPPLIES	2,857,339	2,466,753	390,586	3,437,510
	TOTAL OPERATING & MAINTENANCE BUDGET	4,222,585	3,816,232	406,353	4,822,190

TREATMENT

11-5152-411-1	FY 2013/2014
Clothing	Budget Request
	\$ 10,670

Justification:

Covers supply of uniforms, laundry service, safety steel-toe boots, safety glasses, etc.

- | | |
|---|----------|
| • Steel-Toe Safety Boots \$200/employee for (13) employees: | \$ 2,600 |
| • Uniforms - Thirteen (13) employees: | 5,470 |
| • Gloves, ear plugs, safety items: | 2,600 |

11-5250-414-1	FY 2013/2014
Gas and Oil	Budget Request
	\$ 44,360

Justification:

Fuel usage for District vehicles and equipment on and off the plant site. The 2013/14 budget reflects a 10% increase over the anticipated close.

11-5350-411-1	FY 2013/2014
Memberships	Budget Request
	\$ 2,300

Justification:

- | | |
|---|--------|
| • Membership to the Water Environment Federation for Chief Operator | \$ 217 |
| • Membership renewal for the California Water Environment Association (CWEA) for thirteen (13) employees @ \$143 each, this membership includes renewal to the Colorado River Basin Local Section | |
| • Membership in the National Fire Protection Agency (NFPA) | \$ 300 |

11-5420-411-1	FY 2013/2014
Permits & Fees	Budget Request
	\$ 60,500

Justification:

- | | |
|--|-----------|
| • Annual NPDES permit fee | \$ 34,500 |
| • Irrigation permit annual fee | 11,960 |
| • SCAQMD facility permits | 10,000 |
| • Department of Health Services | 1,600 |
| • Occupational Lead Poisoning Prevention / Toxic Substance | 430 |
| • City of Indio Alarm System Permit | 330 |
| • City of Indio Fire Service permit | 1,375 |
| • Hot Spot Program (SCAQMD) #10198, 152720 | 220 |

The 2013/14 budget reflects 10% increase over the anticipated close.

TREATMENT

11-5450-411-1

Operating Supplies

FY 2013/2014

Budget Request

\$ 60,700

Justification:

- Miscellaneous operating supplies including reagents for chlorination and dechlorination analyzers. \$ 5,000
- Polymer to belt press 9 totes @ 2,415 per tote 21,735
- Miscellaneous operating supplies 5,000
- Two belts for Belt Press 5,000
- 55-gallon cleaning concentrates, cleaning supplies, paper towels, toilet paper, cups, soap, glass cleaner etc. 6,100
- Water service including distilled water for laboratory, fresh water and coffee service 3,040
- First-aid supplies 500
- Small invoice petty cash items, etc. 3,650
- Landscaping supplies, including annual reseeding 9,110
- Student materials for distribution for public relations efforts 1,590

TREATMENT

11-5470-411-1

Chemicals

FY 2013/2014

Budget Request

\$ 373,480

Justification:

• Sodium Hypochlorite	\$ 208,150
• Ferric Chloride	84,830
• Sodium Bisulfite	77,000
• Calcium hypochlorite	3,500

The total plant discharge for Fiscal Year 2013/2014 is estimated at 2,279,145,800 gallons (one percent above the 2012 discharge volume of 2,256,580,000 gallons). This is based on connection fees in 2012; the increase in flow for the next 12 months will be approximately one percent higher. Sodium hypochlorite contains approximately 1.147 pounds of chlorine per gallon of product. The estimated amount of chlorine used for effluent disinfection is 190,081 pounds (83 lbs. /MG @ 72 gallons of sodium hypochlorite/MG, \$90.00/MG @ \$1.25/gallon @ 12% strength sodium hypochlorite). It is estimated that it will require approximately 10.0 mg/L dosage, for a total of 165,720 gallons. There will also be an average delivery charge of \$123 per delivery. It is estimated that there will be 18 deliveries throughout 2013/14, for a total of \$2,214 for the fiscal year.

The treatment plant expansion includes a Chemical Enhanced Primary Treatment (CEPT) system. This new process will require ferric chloride as a settling agent. This will improve the removal rates of the primary clarifiers. It is estimated based on the anticipated flow for 2013/2014 at a dosage rate of ferric chloride of approximately 15 mg/L. of 40% solution for a total of 285,121.04 lbs. (125 lbs. MG, \$.2975/lbs. @ \$37.20 / MG).

It is calculated that approximately 70,985 gallons of sodium bisulfate was used for dechlorination during the calendar year of 2012. Based on the anticipated flow increase for fiscal year 2013/14, it is estimated that 71,793 gallons of sodium bisulfite will be used for dechlorination for the fiscal year of 2013/14 (31.5 gallons/MG, \$32.76/MG at \$1.04/gallon sodium bisulfate). There will also be a delivery charge of \$123 per delivery. It is estimated that there will be 19 deliveries throughout 2013/2014 for a total of \$2,337 for the fiscal year.

The State of California developed Mandatory Minimum Penalties (MMP) in 2000 to penalize treatment plants that do not meet their National Pollutant Discharge Elimination System (NPDES) permit effluent limitations. The District has in the past concentrated on minimizing the use of chemicals due to high cost. The MMP program that is now in effect will generate a minimum \$3,000 fine for every violation that meets the program's criteria. The one violation that would be an immediate fine is chlorine residual in the effluent. This will require staff to maintain a residual of sodium bisulfate in the effluent.

TREATMENT

11-5500-411-1

Contract Services

FY 2013/2014

Budget Request

\$ 403,470

Justification:

• Bulrush and Vegetation removal Wetlands	\$ 140,000
• Plant instrument service contract	5,000
• Miscellaneous contractual services.	20,000
• Gantry crane service	1,000
• Nextel service for 2 employees	1,000
• Annual fire suppression service for Sodium Hypochlorite Facility	2,240
• Treatment plant upgrades for SCADA system	150,000
• Sludge removal	60,000
• Pyro-Comm Fire Alarm Monitoring	660
• Building alarm monitoring	4,250
• Answering service	1,250
• Beeper Service charges for plant	250
• Safety Kleen parts washer service, light bulb disposal oil filter and dry cell batteries	4,500
• Safety Kleen used oil filter disposal	1,050
• Tree trimming and spraying	5,000
• Annual fire extinguisher service	1,750
• Pest control service for building and facilities	1,920
• <u>ERICA Radio Member Fee:</u>	3,600

The treatment department utilized six (6) two way radios for communicating out in the field during daily operations and in the event of a wide spread disaster. These radios are part of the Eastern Riverside County Interoperable Communications Authority (ERICA). Cost per radio is \$50 per month.

TREATMENT

11-5710-411-1**Repairs & Maintenance****FY 2013/2014****Budget Request****\$ 235,000***Justification:*

• Equipment rental	\$ 5,000
• Gallery sump pump replacements	1,000
• Chlorine and Dechlorination spare parts	6,000
• Routine miscellaneous repairs and maintenance (contingency)	50,000
• Road base for all dirt roads around treatment plant	10,000
• PLC programming	10,000
• Brown Bear, Case tractor and dump truck repair	5,000
• Vehicle repair and smog checks	5,000
• Vehicle operating supplies	2,500
• Heating and cooling repairs/service	3,000
• Irrigation repairs and maintenance	3,000
• Facilities maintenance/repairs including lighting	7,000
• Dredge panel	6,000
• Steel waterline on treatment plant	18,000
• Tracks for skid steer	5,500
• Gasmaster for chlorination/dechlor system	8,000
• Major teardown and inspection of 3-Turblex blowers	70,000
• General facility maintenance	20,000

11-5720-411-1**Small Tools****FY 2013/2014****Budget Request****\$ 3,000***Justification:*

Miscellaneous small tool acquisition and replacement

11-5800-411-1**Travel, Meetings, & Education****FY 2013/2014****Budget Request****\$ 17,200***Justification:*

Travel expenses to conferences and training seminars, registration fees, meals, lodging and related expenses.

• Allowance for Thirteen (13) employees at \$1,000/each	\$ 13,000
• Confined space training and rescue refresher	2,500
• First aid and CPR Training for 16 employees	1,700

TREATMENT

11-5801-411-1

Certifications/Technical Certification Programs

FY 2013/2014

Budget Request

\$ 2,000

Justification:

- State Water Resource Control Board
Operator Certification Program

<u>Job Title</u>	<u>Renewal Date</u>	<u>Grade</u>	<u>Renewal Fee</u>
Operator III	June 2014	III	\$ 170
Operator II	December 2013	II	130
Operator II	December 2013	II	130
Operator II	June 2014	II	130

- California Water Environment Association
Technical Certification Program

<u>Job Title</u>	<u>Renewal Date</u>	<u>Grade</u>	<u>Renewal Fee</u>
Maintenance Supervisor	January 2014	III	\$ 85
Electrician	July 2013	IV	90
Maintenance Supervisor	January 2014	I	75
Maintenance Tech	December 2013	II	75
Maintenance Tech	December 2013	I	75
Maintenance Tech		I	75
Allowance for advancements:			960

11-5902-411-1

Electricity

FY 2013/2014

Budget Request

\$ 608,150

Justification:

The 2013/14 budget reflects a 5% increase over the anticipated close and an additional \$80,000 for the new digester sludge mixing pumps.

11-5903-411-1

Natural Gas

FY 2013/2014

Budget Request

\$ 13,000

Justification:

Natural gas usage has increased due to the new laboratory, administration office and operations center. Additionally, the initial start-up of the digester will require the use of natural gas for heating though the use of a boiler. Once the digester is up to normal operation it will produce methane gas at which time the boiler can be switched over to run on methane gas. This could take two to three months.

11-5904-411-1

Trash Collection

FY 2013/2014

Budget Request

\$ 20,260

Justification:

Screenings and grit currently is being hauled to Lambs Canyon, California.

TREATMENT

11-5905-411-1

Utility Water

FY 2013/2014

Budget Request

\$ 16,220

Justification:

Potable water usage at treatment plant.

11-5950-411-1

Other Expenses

FY 2013/2014

Budget Request

\$ 10,000

Justification:

Miscellaneous expense contingency fund used to buy unbudgeted items that are necessary throughout the year, but are not budgeted under a specific category; including employee awards.

DEPARTMENT: LABORATORY

2013-2014 BUDGET

ACCOUNT #	ACCOUNT TITLE	2012/2013 CURRENT BUDGET (2 Employees)	2012/2013 ANTICIPATED CLOSE	2012/2013 BUDGET VARIANCE	2013/2014 BUDGET REQUEST (2 Employees)
11-5030-414-2	SALARIES	156,852	167,000	(10,148)	131,500
11-5070-414-2	OVERTIME	500	248	252	500
11-5080-414-2	CALLOUT	500	-	500	500
11-5090-414-2	STANDBY	-	-	-	-
	TOTAL SALARIES	157,852	167,248	(9,396)	132,500
11-5110-414-2	LONGEVITY	8,400	3,800	4,600	1,200
11-5112-414-2	RETIREMENT	30,505	24,000	6,505	27,320
11-5116-414-2	FICA	12,000	14,250	(2,250)	10,160
11-5118-414-2	UNEMPLOYMENT INSURANCE	500	-	500	-
11-5122-414-2	WORKERS COMPENSATION	4,863	5,672	(809)	4,000
11-5124-414-2	GROUP LIFE INSURANCE	540	450	90	540
11-5126-414-2	GROUP HEALTH INSURANCE	18,216	18,000	216	22,000
11-5128-414-2	DENTAL/VISION INSURANCE	1,212	1,100	112	2,500
11-5132-414-2	DISABILITY INSURANCE	941	800	141	1,000
11-5152-414-2	CLOTHING/SAFETY	2,060	1,750	310	2,110
	TOTAL BENEFITS	79,237	69,822	9,415	70,830
	TOTAL SALARIES/BENEFITS	237,089	237,070	19	203,330
11-5150-414-2	DIRECTORS FEES	-	-	-	-
11-5225-414-2	ELECTION	-	-	-	-
11-5250-414-2	GAS/OIL	-	-	-	-
11-5300-414-2	COMPREHENSIVE INSURANCE	-	-	-	-
11-5350-414-2	MEMBERSHIPS/SUBSCRIPT	264	140	124	300
11-5400-414-2	OFFICE EXPENSES	-	-	-	-
11-5410-414-2	COUNTY/CITY CHARGES	-	-	-	-
11-5420-414-2	PERMITS & FEES	3,875	3,875	-	3,975
11-5430-414-2	PRETREATMENT	-	-	-	-
11-5450-414-2	OPERATING SUPPLIES	14,000	14,000	-	18,250
11-5470-414-2	CHEMICALS	-	-	-	-
11-5500-414-2	CONTRACT SERVICES	1,806	1,806	-	2,000
11-5550-414-2	PROFESSIONAL/LEGAL	-	-	-	48,000
11-5600-414-2	PUBLICATIONS	-	-	-	-
11-5700-414-2	REPAIRS/MAINTENANCE	7,583	7,583	-	10,725
11-5720-414-2	SMALL TOOLS	500	1,180	(680)	500
11-5750-414-2	RESEARCH	161,080	55,000	106,080	112,140
11-5800-414-2	TRAVEL/MTGS/EDUCATION	1,600	1,500	100	2,000
11-5801-414-2	CERTIFICATIONS/TCPS	333	155	178	325
11-5901-414-2	TELEPHONE	-	-	-	-
11-5902-414-2	ELECTRICITY	-	-	-	-
11-5903-414-2	NATURAL GAS	-	-	-	-
11-5904-414-2	TRASH COLLECTION	-	-	-	-
11-5905-414-2	UTILITY WATER	-	-	-	-
11-5950-414-2	OTHER EXPENSES	500	506	(6)	10,000
11-7010-000-0	DEPRECIATION EXPENSE	1,014	1,014	-	1,030
	TOTAL SERVICES & SUPPLIES	192,555	86,759	105,796	209,245
	TOTAL OPERATING & MAINTENANCE BUDGET	429,644	323,829	105,815	412,575

LABORATORY

11-5152-414-2 **FY 2013/2014**
Clothing **Budget Request**
\$ 2,110

Justification:

Covers supply of uniforms, laundry service, safety steel-toe boots, safety glasses, gloves, etc.

- Steel-Toe Safety Boots-two (2) employees \$ 400
- Uniforms-two (2) employees 1,320
- Gloves-five/Safety items (2) employees 390

11-5350-414-2 **FY 2013/2014**
Memberships **Budget Request**
\$ 300

Justification:

Membership renewal for the California Water Environment Association (CWEA) for 2 employees @ \$ 143 each, this membership includes renewal to the Colorado River Basin Local Sections.

11-5420-414-2 **FY 2013/2014**
Permits & Fees **Budget Request**
\$ 3,975

Justification:

- State Health Department Laboratory Certification \$ 2,000
- Quality Assurance Testing 1,875 ^

^ Laboratory participation in the quality assurance testing program is mandatory in order to maintain laboratory certification. The study series is required by the Health and Safety Code §100870, and the California Code of Regulations, Title 22, §64809, Laboratory Certification. Also, the State of California has mandated that state agencies need to become self funding. That includes (ELAP) Environmental Laboratory Accreditation Programs.

11-5450-414-2 **FY 2013/2014**
Operating Supplies **Budget Request**
\$ 18,250

Justification:

Laboratory chemicals, reagents, detergents, filters, glassware, instrument batteries, Dissolved Oxygen (DO) probe modules, buffers, storage solutions, medias, agars, quality controls and miscellaneous supplies.

LABORATORY

11-5500-414-2 Contract Services

**FY 2013/2014
Budget Request
\$ 2,000**

Justification:

- | | |
|---|--------|
| • Mettler scale annual service | \$ 275 |
| • OHAUS scale annual service | 275 |
| • Calibration of class 1 weights | 1,025 |
| • Class 1 weights replacement | 200 |
| • Recalibrate certified digital thermometer | 225 |

11-5550-414-2 Professional

**FY 2013/2014
Budget Request
\$ 48,000**

Justification:

LIMS (Laboratory Information Management System)

Laboratory Information Management System (LIMS) is a software-based laboratory and information management system that offers a set of key features that support a modern laboratory's operations. Those key features include — but are not limited to — workflow and data tracking support, flexible architecture, and smart data exchange interfaces, which fully "support its use in regulated environments."

11-5700-414-2 Repairs and Maintenance

**FY 2013/2014
Budget Request
\$ 10,725**

Justification:

- | | |
|--|----------|
| • Miscellaneous instrument repairs & maintenance | \$ 2,000 |
| • Replacement of Cl ₂ residual titrator | 3,975 |
| • Replacement of Muffle Furnish | 3,300 |
| • Replacement of pH & Temp probe for lab pH meter | 1,000 |
| • Disposal of used COD vials & reagents | 450 |

11-5720-414-2 Small Tools

**FY 2013/2014
Budget Request
\$ 500**

Justification:

Miscellaneous small tools, torches, pliers, small air pumps, etc.

LABORATORY

11-5750-414-2
Research & Monitoring

FY 2013/2014
Budget Request
\$112,140

Justification:

• Sludge testing for Belt Press and Pond sludge (ten samples): TPN, pH, solids, phosphates, metals, nutrients	\$ 5,790
• Pathogen testing for Sludge (ten samples)	13,000
• Bi annual bioassays monitoring/sample shipping (July 2013/Jan. 2014)	6,385
• Monthly testing of domestic water at nine wells (TDS)	1,275 ^A
• Est. cost of two Toxicity Identification Evaluation Ph.II & III Base Line	16,175 ^B
• Est. cost for two Toxicity Identification Evaluation (TIE) Ph.I Base Line	7,570 ^B
• RSW-001 & RSW-002 Storm Channel up & downstream testing	4,575
• EFF-001C total plant effluent flow testing	2,950
• Nitrogen testing for influent, pond and wetlands	3,700
• Additional testing as required by new permit regulations if regular test results are over limits (heptachlor & copper)	4,175
• Oil and grease (monthly sampling)	650
• California Toxics Rule (CTR) once annually	3,465
• Well G-001 ground water testing	505
• Grit/Screenings samples every (2) years	375
• Estimated ten Accelerated Monitoring of Bioassays	24,675
• Heptachlor testing plant treatment trains before CL2 and total plant combined flows after SO2	16,675
• EPA 200.8 copper (at outfall)	200

^A Current permit requires Total Dissolved Solids (TDS) each month for domestic source water at multiple wells.

^B In the event that we do not pass two of three accelerated toxicity tests during any particular quarter, we would be required to implement a Toxicity Reduction Evaluation (TRE) process. The estimated cost for one Phase I, II & III TIE is \$23,745.

Note: Account closings have been low relative to the budgeted amounts because the previously budgeted amount for Toxicity Identification Evaluation (TIE) Phase 1 Testing (\$7,350), as well as Phase 2 and 3 (\$15,750) did not need to be expended. In addition, we did not need to complete any accelerated monitoring of the Bioassays (\$23,950). Only the downstream, RSW-002 storm channel testing has needed monitoring for a savings of (\$2,220). Lastly, the Sludge testing was also not required reducing the expense in this account by \$18,000.

LABORATORY

11-5800-414-2

Travel, Meetings & Education

FY 2013/2014

Budget Request

\$ 2,000

Justification:

Travel expenses to conferences and training seminars, registration fees, meals, lodging and related expenses for two (2) employees at \$1,000 per employee.

11-5801-414-2

Certifications

FY 2013/2014

Budget Request

\$ 325

Justification:

- State Water Resource Control Board:
Operator Certification Program

<u>Job Title</u>	<u>Renewal Date</u>	<u>Grade</u>	<u>Renewal Fee</u>
Lab Technician		I	175

- California Water Environment Association:
Technical Certification Program

<u>Job Title</u>	<u>Renewal Date</u>	<u>Grade</u>	<u>Renewal Fee</u>
Lab Supervisor	May 2014	Lab II	75
Lab Technician		Lab I	75

11-5950-414-2

Other Expenses

FY 2013/2014

Budget Request

\$ 10,000

Justification:

Miscellaneous expense contingency fund used to buy unbudgeted items that are necessary through the year, but are not budgeted under a specific category; such as employee awards.

DEPARTMENT ADMINISTRATION/BOARD

2013-2014 BUDGET

ACCOUNT #	ACCOUNT TITLE	2012/2013 CURRENT BUDGET (5 Employees)	2012/2013 ANTICIPATED CLOSE	2012/2013 BUDGET VARIANCE	2013/2014 BUDGET REQUEST (5 Employees)
11-5030-414-3	SALARIES	380,280	377,000	3,280	511,000
11-5070-414-3	OVERTIME	3,000	678	2,322	3,000
11-5080-414-3	CALLOUT	-	-	-	-
11-5090-414-3	STANDBY	-	-	-	-
	TOTAL SALARIES	383,280	377,678	5,602	514,000
11-5110-414-3	LONGEVITY	-	-	-	-
11-5112-414-3	RETIREMENT	73,766	67,900	5,866	105,200
11-5116-414-3	FICA	29,091	22,000	7,091	39,100
11-5118-414-3	UNEMPLOYMENT INSURANCE	3,000	1,980	1,020	1,500
11-5122-414-3	WORKERS COMPENSATION	829	2,666	(1,837)	1,700
11-5124-414-3	GROUP LIFE INSURANCE	1,140	1,100	40	1,700
11-5126-414-3	GROUP HEALTH INSURANCE	44,760	37,000	7,760	49,500
11-5128-414-3	DENTAL/VISION INSURANCE	3,080	4,475	(1,395)	7,100
11-5132-414-3	DISABILITY INSURANCE	2,078	2,000	78	2,900
11-5152-414-3	CLOTHING/SAFETY	-	-	-	-
	TOTAL BENEFITS	157,744	139,121	18,623	208,700
	TOTAL SALARIES/BENEFITS	541,024	516,799	24,225	722,700
11-5150-414-4	DIRECTORS FEES	13,500	11,000	2,500	13,500
11-5225-414-3	ELECTION	-	-	-	70,000
11-5250-414-3	GAS/OIL	-	-	-	-
11-5300-414-3	COMPREHENSIVE INSURANCE	303,000	302,954	46	345,000
11-5350-414-3	MEMBERSHIPS/SUBSCRIPT	32,846	32,846	-	35,000
11-5400-414-3	OFFICE EXPENSES	13,000	13,000	-	13,000
11-5410-414-3	COUNTY/CITY CHARGES	13,652	20,172	(6,520)	17,100
11-5420-414-3	PERMITS & FEES	3,000	4,541	(1,541)	3,000
11-5430-414-3	PRETREATMENT	-	-	-	-
11-5450-414-3	OPERATING SUPPLIES	6,738	3,000	3,738	7,000
11-5470-414-3	CHEMICALS	-	-	-	-
11-5500-414-3	CONTRACT SERVICES	41,710	45,000	(3,290)	50,000
11-5550-414-3	PROFESSIONAL/LEGAL	99,446	60,000	39,446	100,200
11-5600-414-3	PUBLICATIONS	3,500	4,158	(658)	4,500
11-5700-414-3	REPAIRS/MAINTENANCE	18,270	20,000	(1,730)	20,000
11-5720-414-3	SMALL TOOLS	-	-	-	-
11-5750-414-3	RESEARCH	-	-	-	-
11-5800-414-3	TRAVEL/MTGS/EDUCATION	28,000	20,000	8,000	39,000
11-5801-414-3	CERTIFICATIONS/TCPS	274	274	-	500
11-5901-414-3	TELEPHONE	1,080	1,700	(620)	7,800
11-5902-414-3	ELECTRICITY	-	-	-	-
11-5903-414-3	NATURAL GAS	-	-	-	-
11-5904-414-3	TRASH COLLECTION	-	-	-	-
11-5905-414-3	UTILITY WATER	-	-	-	-
11-5950-414-3	OTHER EXPENSES	10,000	10,024	(24)	10,000
11-7010-000-0	DEPRECIATION EXPENSE	2,553	2,553	-	83,325
	TOTAL SERVICES & SUPPLIES	590,569	551,222	39,347	818,925
	TOTAL OPERATING & MAINTENANCE BUDGET	1,131,593	1,068,021	63,572	1,541,625

ADMINISTRATION/BOARD

11-5150-414-4
Directors Fees

FY 2013/2014
Budget Request
\$ 13,500

Justification:

California Health and Safety Code § 6489, permits each of the members of the board to receive compensation in an amount not to exceed one hundred dollars (\$100) per day for each day's attendance at meetings of the board or for each day's service rendered as a director by request of the board, not exceeding a total of six days in any calendar month, together with any expenses incident thereto. Currently, with five members, the anticipated maximum expense for FY 2013/14 is \$12,000 for regular meeting plus \$1,500 additional for committee meetings, etc.

11-5225-414-3
Board Election

FY 2013/2014
Budget Request
\$ 70,000

Justification:

This expense is incurred every two years.

11-5300-414-3
Comprehensive Insurance

FY 2013/2014
Budget Request
\$ 345,000

Justification:

Provides funds for liability insurance policies applicable to wastewater functions of the District. This will include insurance for: buildings, equipment, computers, furniture, autos and trucks and general liability insurance. This account also includes the Public Official Bond for the Secretary-Treasurer. The recent facilities upgrades/expansion has increased the covered assets resulting in an increase in premium cost.

11-5350-414-3
Dues & Memberships

FY 2013/2014
Budget Request
\$ 35,000

Justification:

This account includes the cost of memberships in associations of officials, trade associations and other organizations and subscriptions to newsletters representing interests of a Special District.

• California Association of Sanitation Agencies (CASA)	\$ 12,000 [^]
• California Chamber of Commerce	550
• California Society of Municipal Finance Offices (CSMFO)	110
• California Special Districts Association (CSDA)	5,000
• Indio Chamber of Commerce	375
• National Notary Association	85
• Southern California Alliance of POTW's (SCAP)	4,803
• Membership for GM in CWEA/WEF	132
• ASCE Membership for GM	300
• Design Build Institute of America	100
• AWWA for District Engineer	200
• WaterReuse Association of California	870
• Association of California Water Agencies (ACWA)	9,000 [^]

[^]The Agency's annual dues are determined based on the Operations and Maintenance Budget.

ADMINISTRATION/BOARD

11-5400-414-3
Office Expenses

FY 2013/2014
Budget Request
\$ 13,000

Justification:

This account includes the cost of office type supplies and services for all departments. Postage, FedEx, letterhead, envelopes, purchase orders, purchase requisitions, request for quotation forms, business cards, accounting forms, report forms, copy paper, binders, calendars, file folders, facsimile supplies, pens, pencils, pads, mailing labels etc.

11-5410-414-3
County Charges

FY 2013/2014
Budget Request
\$ 17,100

Justification:

Pursuant to Section 29142, 27013, 29304 and 50077 of the Government Code, the County Auditor is allowed to charge for the cost of applying special assessments to the tax roll. This cost is estimated at .12 cents per assessment for each time a file is submitted including rejected parcels that are resubmitted plus an additional per district fee of \$103.67 per annual submittal. The Auditor's cost is based on applying the assessment to the tax roll; not for the collection of such assessment.

Also, in accordance with Section 50077 of the Government Code and numerous other code sections, the County Treasurer is authorized to charge for the collection of special assessments included on the tax bill. For 2013/14 the charge is estimated at .39 cents per parcel. This charge is in addition to the Auditor's charges, and will be recovered on the first current secured settlement apportionment.

11-5420-414-3
Permits & Fees

FY 2013/2014
Budget Request
\$ 3,000

Justification:

The state legislature made significant changes to the LAFCO Act through the Cortese Knox- Hertzberg Local Government Reorganization Act of 2000. These changes have impacted special districts. The changes provide that special districts are responsible for paying one-third of the cost of LAFCO. The Budget Request amount of \$3,000 is only an estimate allowing for an increase over last year's payment.

11-5450-414-3
Operating Supplies

FY 2013/2014
Budget Request
\$ 7,000

Justification:

Reference manuals including labor law updates, safety materials, videos, etc.

- | | |
|---|--------|
| • California Chamber of Commerce Labor Law Digest | \$ 280 |
| • Computer manuals/books | 500 |
| • Computer Supplies-printer cartridges, toner | 3,000 |
| • Office Software upgrades | 3,000 |

ADMINISTRATION/BOARD

11-5500-414-3
Contract Services

FY 2013/2014
Budget Request
\$ 50,000

Justification:

Encompasses all expenses related to:

- CalPERS Health Plan annual fee \$ 1,100
- Pitney Bowes (lease on postage meter) 660
- Pacific Administrators (Section 125 Plan) 500
- Computer Maintenance (Southwest Networks) 18,420
- Backup/Disaster Recovery Storage (Southwest Networks) 7,200
- Barracuda Spam Service (email) 750
- OPEB Health Insurance (11-5545-414-3)
 - CalPERS OPEB Health Insurance fees 2,900
 - OPEB Annual Required Contribution 15,000
 - Biennial OPEB Actuarial (\$2900) due again in 2013/14 2,900

11-5550-414-3
Professional/Legal

FY 2013/2014
Budget Request
\$ 100,200

Justification:

Expenses related to annual audit, accounting services, and legal consultants for normal District activities, labor issues, and litigation. This budget includes a line item of \$15,000 for mailing the District Newsletter and/or Proposition 218 Notices.

- Legal Services (11-5552-414-3) \$ 20,000
- Other Professional Services (11-5553-414-3)
 - Computer Consulting 15,000
 - Printing & mailing of District Newsletter/Prop. 218-Twice/year 26,000
- Accounting Services (11-5554-414-3)
 - Annual Audit 14,800
 - CBIZ Payroll 3,300
 - CTE Systems 3,300
- Medical Services (11-5555-414-3)
 - Medical Exams-DMV & Pre-employment 1,000
 - Drug/Alcohol testing - 4 employees) 480
 - First Aid Medical 500
 - Wellness Program (including rebate from CSRMA) 13,800
 - Employee Assistance Program 1,100

ADMINISTRATION/BOARD

11-5600-414-3

Publications

FY 2013/2014

Budget Request

\$ 4,500

Justification:

Costs for publication of official notices as required by the Government code, which are generally published in the Desert Sun or the Indio Post Newspapers, job postings in Jobs Available and BCWaterjobs, and bid requests in online Plan rooms.

11-5700-414-3

Repairs/Maintenance

FY 2013/2014

Budget Request

\$ 20,000

Justification:

This account includes maintenance costs for copier, fax and printers. Miscellaneous repairs on computers as required.

- | | |
|--|----------|
| • Blackbaud Accounting Software - Annual Maintenance | \$ 6,400 |
| • Monthly maintenance costs for copier | 2,500 |
| • IT Contingency | 10,000 |

11-5800-414-3/4

Travel, Meetings & Education

FY 2013/2014

Budget Request

\$ 39,000

Justification:

Expenses incurred for attending the California Association of Sanitation Agencies (CASA) or the Association of California Water Agencies (ACWA) conferences held two times a year. Traveling expenses and hotel accommodation expenses incurred while attending meetings, conferences, and various educational seminars. This request is for 5 Board members, General Manager, District Engineer, Administrative & Finance Manager and an additional \$1,000 for each of the other 2 Administration Employees.

Expenses for additional Accounting Software training for Administrative & Finance Manager estimated at \$3,000.

Expenses for conferences for General Manager & District Engineer (CWEA, DBIA or Project Management Institute). General mileage charges for as needed General Manager (\$500).

ADMINISTRATION/BOARD

11-5801-414-3 **FY 2013/2014**
Certifications/Technical Certification Programs
Budget Request

\$ 500

Justification:

<u>Project Management Professional (PMP)</u>	
Certification for General Manager for PMP from Project Management Institute	\$ 150
<u>Professional Engineer (PE) (General Manager & District Engineer)</u>	250
Due biennially at \$250	
<u>Water Distribution Operator, Grade D4 (District Engineer)</u>	0
Due biennially at \$105	
<u>Water Treatment Operator, Grade T3 (District Engineer)</u>	90
<u>Certified Public Accountant (CPA) renewal (Administration & Finance Manager)</u>	0
Due biennially at \$250	

11-5901-414-3 **FY 2013/2014**
Telephone **Budget Request**
\$ 7,800

Justification:

VOIP main telephone system (TelePacific Communications).

11-5950-414-3/4 **FY 2013/2014**
Other Expenses **Budget Request**
\$ 10,000

Justification:

Miscellaneous expense contingency fund will be used to purchase unbudgeted items that are necessary throughout the year, but are not budgeted under a specific category.

COMBINED CAPITAL EXPENDITURES & O&M BUDGET

2013/2014 BUDGET

ACCOUNT #	DESCRIPTION	2012/2013 BUDGET	2012/2013 ANTICIPATED CLOSE	2012/2013 BUDGET VARIANCE	2013-2014 BUDGET REQUEST
FUND 11/O&M					
11-8630-000-0	COLLECTION - FACILITIES	28,641	26,473	2,168	31,000
11-8640-000-0	TREATMENT FACILITY	22,000	18,627	3,373	8,000
11-8660-000-0	GENERAL FACILITIES	78,359	-	78,359	150,000
11-8670-000-0	LABORATORY	-	-	-	-
11-8680-000-0	ADMIN FACILITIES	8,000	7,039	961	60,000
	RESERVE ACCOUNT	3,693,573	3,693,573	-	3,291,754
TOTAL FUND 11		3,830,573	3,745,712	84,861	3,540,754
FUND 13					
13-8623-000-0	COLLECTION-SEWER LINES	955,200	150,113	805,087	1,056,000
13-8630-000-0	COLLECTION FACILITY	-	-	-	-
13-8643-000-0	TREATMENT FACILITY	-	-	-	-
13-8650-000-0	SLUDGE FACILITY	5,924,015	5,924,015	-	-
13-8660-000-0	GENERAL FACILITIES	722,318	722,318	-	-
13-8670-000-0	LABORATORY	-	-	-	-
13-8680-000-0	ADMIN FACILITIES	-	-	-	-
13-9120-000-0	TRANSFER FOR COP	496,607	496,607	-	499,485
TOTAL FUND 13		8,098,140	7,293,053	805,087	1,555,485
TOTAL CAPITAL OUTLAY BUDGET		11,928,713	11,038,765	889,948	5,096,239
TOTAL O & M BUDGET		7,342,391	6,558,091	784,300	8,229,384
TOTAL BUDGET		19,271,104	17,596,856	1,674,248	13,325,623

PROJECTED EXPENSES OUT OF RESERVES

12-8632-000-0	COLLECTION-SEWER LINES	3,074,800	471,126	2,603,674	3,774,000
12-8642-000-0	TREATMENT FACILITY	55,000	10,000	45,000	122,000
12-8650-000-0	SLUDGE FACILITY	8,741,743	8,741,743	-	-
12-8660-000-0	GENERAL FACILITIES	2,616,626	2,616,626	-	290,000
12-8670-000-0	LABORATORY	39,300	-	39,300	38,500
12-8680-000-0	ADMIN FACILITIES	28,000	8,000	20,000	20,000
12-9140-000-0	TRANSFER FOR COP	455,430	455,852	(422)	458,068
TOTAL FROM RESERVES		15,010,899	12,303,347	2,707,552	4,702,568

FUND 11**CAPITAL O & M FUND****FUND TOTAL REQUEST \$ 249,000****11-8630-000-0
COLLECTION****FY 2013/2014
Budget Request
\$ 31,000**

- A) Manhole Frame and Covers: \$ 25,000
 Riverside County is planning on doing street improvements on Van Buren north toward Indio Blvd. The Collection Department is budgeting \$25,000 to replace older manhole frame and covers when they become damaged and/or when road improvements are made on city streets.
- B) Asset Management System Module (FOG & Pretreatment Program): \$ 6,000
 In order to consolidate the data systems for the existing FOG program as well as the new Pre-Treatment Program, additional modules of the Lucity Asset Management System used by the Collections Department will be purchased.

**11-8640-000-0
TREATMENT****FY 2013/2014
Budget Request
\$ 8,000**

- A) Composite Sampler: \$ 8,000
 This is for a replacement sampler for backup in the event that one fails and is not repairable.

**11-8660-000-0
GENERAL FACILITIES****FY 2013/2014
Budget Request
\$ 150,000**

- A) Reclaimed / Recycled Water Preliminary Design Project: \$ 150,000
 The District will commence preliminary design with the Indio Water Authority on the Reclaimed/Recycled Water Project. This is for consulting services to assist both agencies, as a joint funded project.

**11-8680-000-0
ADMINISTRATION****FY 2013/2014
Budget Request
\$ 60,000**

Codification: \$ 30,000
 Codify District resolutions and ordinances and consulting services to achieve this task.

Document Management System: \$ 30,000
 Electronic system designed to organize and manage documents, including consulting services to achieve this task (phase I).

FUND 12**CAPITAL REPLACEMENT FUND****FUND TOTAL REQUEST \$ 4,702,568****12-8632-000-0
COLLECTION****FY 2013/2014
Budget Request
\$ 3,774,000**

- A) Phase A Final Design of Requa Interceptor: \$ 304,000
 \$400,000 is the estimated final design cost for the professional engineering services required to complete the design and specifications of approximately 5,000 LF of 30 and 36 inch diameter sewer. An engineering pre-design of the interceptor was done in 2009 to insure alignment, constructability and property acquisitions for easements prior to a final design of Phase A. This design cost includes a 950 LF reach of 12 inch sewer from Hwy 111, along Salton Street, north to the intersection of Requa Avenue. Of the \$400,000 estimated final design cost, 76 % or \$304,000 will be charged to Fund 12 and 24 % or \$96,000 will be charged to Fund 13.
- B) Phase A Construction of the Requa Interceptor: \$ 3,040,000^A
 \$4,000,000 is the estimated construction cost for approximately 5,000 feet of 30 and 36 inch sewer main, 19 manholes and a 400 foot jack and bore under Union Pacific Railroad (UPRR) right of way (ROW) including a diversion line of approximately 950 feet of 12 inch sewer and 3 manholes in Salton Street between Highway 111 and Requa Avenue. The construction costs include sewer main, support services, construction management, construction staking, environmental support and a 10 percent contingency.
- | | |
|----------------------|-------------|
| Fund 12 (76 percent) | \$3,040,000 |
| Fund 13 (24 percent) | \$ 960,000 |
| Total OPP | \$4,000,000 |

Fund 12 & 13 cost allocations were calculated based on a percentage of designed interceptor capacity attributed to provide service to existing customers (Fund12), tributary to this sewer relative to the percentage of the design capacity needed to provide service for future development (Fund 13).

REQUA INTERCEPTOR BACKGROUND OVERVIEW FOR ITEM A

The proposed Requa Interceptor is the product of a combination of recommendations provided in the 2003 Collection System Master Plan to provide build out sewer capacity, consolidation of several smaller master planned projects, changes to the District's service area and updated development information. Phase A was established on the ability to provide relief for sewers flowing at or near design capacity and conform to the intent of the 2003 Collection System Master Plan. This requirement is being reassessed with the completion of the 2012 Collection Systems Master Plan.

The pre-design of the interceptor was done to determine alignment and constructability of the entire interceptor between the treatment plant and Shields Road. This task included a review of updated development information to calculate flows for sufficient pipeline capacity in the design, survey, utility research, cost study, property information and overall constructability.

- PHASE A (Current Project)**

The pre-design focused on the immediate need on the specifics of Phase A tasks for easement acquisition, other agency permitting and property purchase if required for final pipeline design. Phase A consists of approximately 5,000 LF (lineal feet) of 30 & 36 inch sewer and 19 manholes extending from the treatment plant south and west to the intersection of Requa Avenue and Flower Street.

Phase A also provides relief to a part of Highway 111 flows at or near design capacity and would allow for a longer term deferral of future Phase B Improvements. The Highway 111 relief line consists of the construction of approximately 950 LF of 12 inch sewer in Salton Street from

Highway 111 north to Requa Avenue diverting flows to the Requa interceptor.

Phase A should be constructed as a single phase project to provide maximum flow relief and help realize construction cost savings through economies of scale.

- PHASE B (Future Project)

The pre-design confirmed the constructability of future Phase B from the intersection of Requa Avenue and Flower Street, the end of project Phase A, and west to the Shields Road Lift Station. Phase B will be approximately 17,500 LF with pipe sizes ranging from 30 to 10 inches in diameter with 45 manholes. However, Phase B is future construction beyond the 2013/2014 budget time frame. The estimate for final design, construction and support services for Phase B is \$11,181,062. Phase B was identified in the pre design engineering study.

C) Sewer Main Rehabilitation: \$ 250,000

The sewer mainlines are video inspected as part of the scheduled preventative maintenance. When the condition of the sewer main has deteriorated to a point that a repair will not return the sewer main to a serviceable condition the sewer main will need to be lined or replaced. The targeted projects include:

- 5,000 LF of 4 inch and 6 inch cast iron and 8 inch clay sewer constructed in the 1940's located in the down town area

D) Private Lateral Grant Program: \$ 50,000

The Private Lateral Replacement Grant Program is designed to help the property owner defray a portion of the costs required to replace or repair their lateral including the connection. The maximum amount of assistance for any one private sewer lateral replacement or repair is 50% of the approved cost up to a maximum reimbursement of \$2,000.

E) Manhole Rehabilitation: \$ 60,000

Manholes are inspected as part of the scheduled line cleaning maintenance. These inspections are reviewed to determine what manholes have deteriorated to a point that requires rehabilitation. The rehabilitation process includes cleaning the manhole/brick surface and channel, repairing cracks/holes and then coating the interior manhole surface and channel with a polyurethane coating. The polyurethane coating protects the manhole surface and repairs against deterioration and helps restore the flow characteristics of the channel. Manhole rehabilitation has been an annual project.

F) Sewer Main Point Repairs: \$ 60,000

Video inspection of sewer pipelines reveals deficiencies that may include cracks, holes and offset joints. Deficiencies isolated to a single or several small areas of an otherwise serviceable pipeline may be repaired to restore pipe integrity in lieu of pipeline replacement.

G) Contingency for Emergency Repairs: \$ 10,000

^A Construction of Phase A of the Requa Street Interceptor is estimated to begin in Fiscal Year 2013/2014 and be completed in Fiscal Year 2014/2015.

12-8642-000-0**TREATMENT****FY 2013/2014****Budget Request****\$ 122,000**

- A) Asset Management / Preventative Maintenance System (Plant): \$ 22,000
The current plant asset management/preventative maintenance software system is over 15 years old and is un-supported. It will not operate on the current Windows™ operating system. The system needs to be replaced during this fiscal year in order to accommodate the additional requirements for the upgraded treatment process. It is recommended that additional modules and licenses of the Lucity Asset Management system that the Collections Department is using be utilized for this purpose.
- B) Contingency for emergency repairs: \$ 20,000
There are no anticipated expenditures to be funded from this category; however, this account provides a contingency amount in the Capital Improvement Program for replacement of critical equipment or systems at the treatment plant which could unexpectedly fail during the fiscal year.
- C) SCADA Master Plan: \$ 80,000
The Supervisory Control and Data Acquisition system requires a five (5) year master plan to program future improvements.

12-8660-000-0**GENERAL FACILITIES****FY 2013/2014****Budget Request****\$ 290,000**

- A) Vehicle & Equipment Replacement Fund: \$ 220,000
This fund is used to replace District vehicles and significant, higher cost equipment. The annual contribution is based on data collected on all vehicles and equipment using a 10 to 20 year replacement schedule. The total cost is calculated over a 20 year window using an estimated inflation percentage.
- B) Front Wall Replacement: \$ 50,000
The front wall has water damage, is not structural sound, is un-attractive and is in need of replacement. The damage is due to sustained water seeping through the wall from the sprinkler system damaging the masonry, causing the paint to blister and peel off. Additionally, the wall is located too close to the roadway and is subject to collision damage. The system should be replaced with metal tubular fencing system that is not subject to graffiti and will have lower maintenance. (FY 12/13 budget carryover is \$80,000).
- C) Contingency for emergency repairs: \$ 20,000

12-8670-000-0**LABORATORY****FY 2013/2014****Budget Request****\$ 38,500**

- A) Autoclave \$ 14,500
- B) Hot Oven Drying/Sterilizer \$ 7,000
- C) CBOD Incubator \$ 7,000
- D) Contingency for emergency repairs: \$ 10,000
This account provides a contingency amount in the Capital Improvement Program for replacement of critical equipment or systems at the treatment plant which could unexpectedly fail during the fiscal year.

12-8680-000-0**ADMINISTRATION****FY 2013/2014****Budget Request****\$ 20,000**A) Contingency for emergency repairs:

There are no anticipated expenditures to be funded from this category; however, this account provides a contingency amount in the Capital Improvement Program for replacement of critical equipment or systems at the treatment plant which could unexpectedly fail during the fiscal year.

12-9140-000-0**Transfer to Fund 06****FY 2013/2014****Budget Request****\$ 458,068**A) Principal and Interest Payment for 2006 COP:**\$ 455,568**

On August 15, 2006, the District issued \$12,915,000 Certificates of Participation to fund Phase I of the District's treatment plant expansion. Principal and interest ranging from 3.50% to 4.375% will be payable semi-annually on February 1st and August 1st commencing February 1, 2007.

B) Annual Administrative Expenses for 2006 COP:**\$ 2,500**

FUND 13**CAPITAL IMPROVEMENT FUND****FUND TOTAL REQUEST \$ 1,555,485****13-8623-000-0
COLLECTION****FY 2013/2014
Budget Request
\$ 1,056,000**

- A) Phase A Final Design of Requa Interceptor: \$ 96,000
 \$400,000 is the estimated final design cost for the professional engineering services required to complete the design and specifications of approximately 5,000 LF of 30 and 36 inch diameter sewer. An engineering pre-design of the interceptor was done in 2009 to insure alignment, constructability and property acquisitions for easements prior to a final design of Phase A. This design cost includes a 950 LF reach of 12 inch sewer from Highway 111, along Salton Street, north to the intersection of Requa Avenue. Of the \$400,000 estimated final design cost, 76 % or \$304,000 will be charged to Fund 12 and 24 % or \$96,000 will be charged to Fund 13.

- B) Phase A Construction of the Requa Interceptor: \$ 960,000 ^
 \$4,000,000 is the estimated construction cost for approximately 5,000 feet of 30 and 36 inch sewer, 19 manholes and a 400 foot jack and bore under Union Pacific Railroad (UPRR) right of way (ROW) including a diversion line of approximately 950 LF of 12 inch sewer and 3 manholes in Salton Street between Highway 111 and Requa Avenue. The construction costs include sewer main, support services, construction management, construction staking, environmental support and a 10 percent contingency.

Fund 12 (76 percent)	\$3,040,000
Fund 13 (24 percent)	\$ 960,000
Total OPP	\$4,000,000

Fund 12 and Fund 13 cost allocations were calculated based on a percentage of designed interceptor capacity attributed to provide service to existing customers (Fund12), tributary to this sewer relative to the percentage of the design capacity needed to provide service for future development.

REQUA INTERCEPTOR BACKGROUND OVERVIEW FOR ITEM A

The proposed Requa Interceptor is the product of a combination of recommendations provided in the 2003 Collection System Master Plan to provide build out sewer capacity, consolidation of several smaller master planned projects, changes to the District's service area and updated development information. Phase A was established on the ability to provide relief for sewers flowing at or near design capacity and conform to the intent of the 2003 Collection System Master Plan. This requirement is being reassessed with the completion of the 2012 Collection Systems Master Plan.

The pre-design of the interceptor was done to determine alignment and constructability of the entire interceptor between the treatment plant and Shields Road. This task included a review of updated development information to calculate flows for sufficient pipeline capacity in the design, survey, utility research, cost study, property information and overall constructability.

- PHASE A (Current Project)**

The pre-design focused on the immediate need on the specifics of Phase A tasks for easement acquisition, other agency permitting and property purchase if required for final pipeline design. Phase A consists of approximately 5,000 LF (lineal feet) of 30 & 36 inch sewer and 19 manholes extending from the treatment plant south and west to the intersection of Requa Avenue and Flower Street.

Phase A also provides relief to a part of Highway 111 flows at or near design capacity and would allow for a longer term deferral of future Phase B Improvements. The Highway 111 relief line

consists of the construction of approximately 950 LF of 12 inch sewer in Salton Street from Highway 111 north to Requa Avenue diverting flows to the Requa interceptor.

Phase A should be constructed as a single phase project to provide maximum flow relief and help realize construction cost savings through economies of scale.

- PHASE B (Future Project)

The pre-design confirmed the constructability of future Phase B from the intersection of Requa Avenue and Flower Street, the end of project Phase A, and west to the Shields Road Lift Station. Phase B will be approximately 17,500 LF with pipe sizes ranging from 30 to 10 inches in diameter with 45 manholes. However, Phase B is future construction beyond the 2013/2014 budget time frame. The estimate for final design, construction and support services for Phase B is \$11,181,062. Phase B was identified in the pre design engineering study.

[^] Construction of Phase A of the Requa Street Interceptor is estimated to begin in Fiscal Year 2013/2014 and be completed in fiscal Year 2014/2015.

13-9120-000-0

Transfer to Fund 06

FY 2013/2014

Budget Request

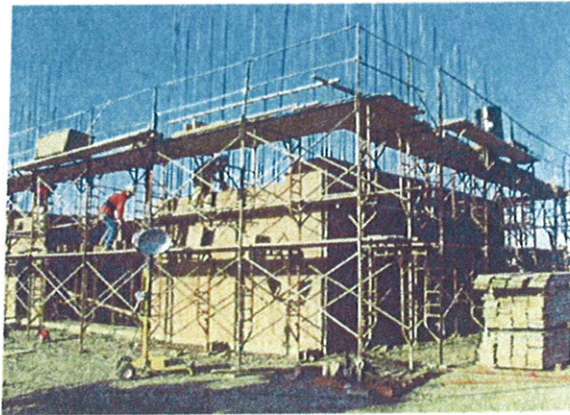
\$ 499,485

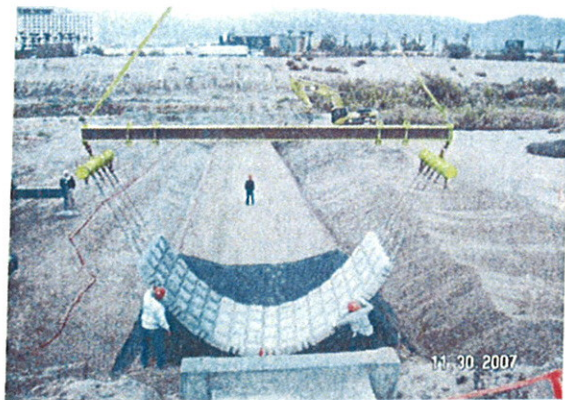
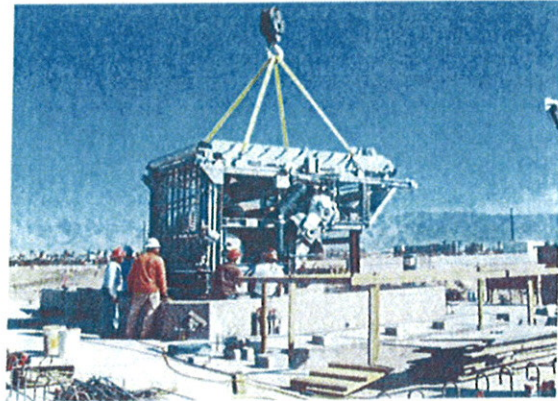
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|----|---|------------|
| A) | <u>Principal and Interest Payment for 2006 COP:</u> | \$ 496,985 |
| | On August 15, 2006, the District issued \$12,915,000 Certificates of Participation to fund Phase I of the District's treatment plant expansion. Principal and interest ranging from 3.50% to 4.375% will be payable semi-annually on February 1 st and August 1 st commencing February 1, 2007. | |
| B) | <u>Annual Administrative Expenses for 2006 COP:</u> | \$ 2,500 |

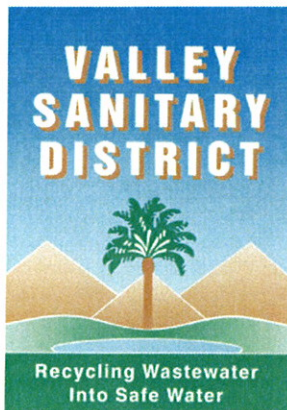
VALLEY SANITARY DISTRICT

FIVE YEAR CAPITAL IMPROVEMENT PROGRAM

**FISCAL YEAR
2013/2014 THROUGH 2017/2018**







INTRODUCTION

Funding for capital improvements comes from two sources. One source of funding is from the annual sewer use fee and the other is from the connection capacity fee that is paid to the District when a development is connected to the District's sewer system. Funding obtained through the annual sewer use fee not only funds the daily operational costs associated with the wastewater treatment plant and wastewater collection system, it funds the capital expenditures associated with the rehabilitation and/or replacement of existing facilities. The connection capacity fee obtained from developments are used to fund expansions to facilities that increase capacity, due to growth.

The District may obtain funding from other sources such as:

- Financing through the issuance of bonds or certificates of participation
- Financing via the U.S. Clean Water Act via the State Revolving Fund
- Grants from the EPA, Corps of Engineers or Bureau of Reclamation
- Grants from California state funding such as Proposition 84

The District maintains two internal reserve funds to segregate the resources obtained through the annual sewer use fee from those obtained from connection capacity charges. Reserve funds obtained through the sewer use fee are allocated to Fund 12 and reserve funds obtained through connection capacity charges are allocated to Fund 13.

Some projects are funded entirely out of Fund 12 because the project's entire purpose is to rehabilitate or replace existing facilities while some projects are

funded entirely out of Fund 13 because that project's entire purpose is to increase capacity. However, many projects are a mixture of replacement/rehabilitation and expansion of facilities to add capacity and as such are funded by a combination of funds from both Fund 12 and Fund 13. In determining the percentage of a project that is for rehabilitation/replacement versus increased capacity, the engineer's detailed probable construction cost is reviewed and the various costs of the project are appropriately apportioned between the two funds.

Fund 12 Reserves

Starting in Fiscal Year 2004/2005 and continuing through Fiscal Year 2008/2009, the Board progressively increased the funding of replacement reserves (Fund 12) through increases in the annual sewer use fee. The sewer use fee was also increased in Fiscal Year 2012/2013. As a result of these increases in replacement reserve funding, projections are that there will be sufficient replacement reserve funding for the next five years. However, a majority of the construction of the first segment of the Requa Street Interceptor, Phase A, will occur in 2014/2015 Fiscal Year, while the final design plans are being completed this Fiscal Year.

Although reserve funding appears to be sufficient over the next five years, projecting only six years into the future, Fund 12 reserves are depleted. This projection is based on the assumption that the District will receive discharge permit limits for nutrients contained within the 2015 discharge permit renewal resulting in the estimated construction costs to achieve compliance with the new permit limits exceeding the accumulated Fund 12 reserves in Fiscal Year 2018/2019.

Fund 13 Reserves

The dramatic slowdown in private development activity has resulted in a significant reduction in the available funding for projects or portions of projects that provide for increased capacity due to growth. As a result, the engineering design for Construction Phase 2 of the Treatment Plant Upgrade/Expansion project was reevaluated and the project was split into two smaller independent construction phases being referred to as Construction Phase 2A and 2B.

Phase 2A is essentially complete, due for final startup in June 2013. The majority of the treatment facilities designed for Construction Phase 2B that are intended to increase capacity will be deferred to a later date. The District will be renewing its permit with the California Regional Water Quality Control Board and the District is exploring a joint project with the Indio Water Authority to design and

construct a Reclaimed/Recycled Water system. These two projects will determine the future vision for the Valley Sanitary Water Reclamation Plant.

The design and construction of the Requa Street Interceptor was divided into two segments. Even with these deferments, Fund 13 will be depleted by year four (Fiscal Year 2017/2018). Although development is expected to increase over the next few years, it is without certainty that it will be enough to cover these needed projects. There are a number of developments along the Highway 111 corridor that will need the Requa Street Interceptor to be constructed before they can be connected to the District's sewer mains. Some form of financing will most likely need to be obtained in order to proceed with these projects. Deferring these projects until the funding becomes available is not an option.

Proposed Capital Projects

The following pages contain the proposed capital projects and revenue projections for the next five years. Page S-1 contains a summary of the projected project expenses charged to Fund 12 as well as the projected income placed into the Fund 12 reserves. Page S-2 contains a summary of the projected project expenses charged to Fund 13 as well as the projected income placed into Fund 13 from connection capacity charges. Pages 1A through 16B list the individual capital improvements along with a project description, project cost, apportionment of costs between Fund 12 and Fund 13, justification for the project and any Board approvals associated with the project.

Ten Year Capital Improvement Program Projections

As a long range planning tool, Attachment A is a Ten Year Capital Improvement Program forecast with a "Total for Future Years" column that projects major capital improvement costs, scheduling and income for Fund 12 replacement reserves and Fund 13 connection capacity fee reserves. Also included as Attachment B is a bar graph showing Fund 12 and Fund 13 totals as well as a line graph showing a cumulative total of both funds capital requirements over the next ten years.

FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Cost to Fund 12	Cost to Fund 12	Cost to Fund 12	Cost to Fund 12	Cost to Fund 12

1A - 1B	Debt Service on 2006 Certificates of Participation	\$ 458,068	\$ 457,754	\$ 456,917	\$ 457,884	\$ 455,676
2A - 2B	Requa Ave. Interceptor - Phase A Design	\$ 304,000	\$ -	\$ -	\$ -	\$ -
3A - 3B	Requa Ave. Interceptor - Phase A Construction	\$ 140,000	\$ 3,076,610	\$ -	\$ -	\$ -
4A - 4B	Sewer Main Rehabilitation	\$ 250,000	\$ 255,000	\$ 260,100	\$ 265,302	\$ 270,608
5A - 5B	Manhole Rehabilitation	\$ 60,000	\$ 61,200	\$ 62,424	\$ 63,672	\$ 64,945
6A - 6B	Lateral Grant Program	\$ 50,000	\$ 51,000	\$ 52,020	\$ 53,060	\$ 54,121
7A - 7B	Sewer Main Point Repairs	\$ 60,000	\$ 61,200	\$ 62,424	\$ 63,672	\$ 64,945
8A - 8B	Project 6A-Highway 111 to Ave 48 Diversion Sewer	\$ -	\$ -	\$ -	\$ -	\$ -
9A - 9B	Front Wall Replacement	\$ 130,000	\$ -	\$ -	\$ -	\$ -
10A - 10B	Vehicle & Equipment Replacement Fund	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000
11A - 11B	Contingency-All Departments Combined	\$ 80,000	\$ 81,600	\$ 83,232	\$ 84,897	\$ 86,595
12A - 12B	Solids Handling Facilities - Construction Phase 2B	\$ -	\$ -	\$ -	\$ 5,322,731	\$ -
13A - 13B	Solids Handling Facilities - Const. Phase 2B CM	\$ -	\$ -	\$ -	\$ 425,819	\$ -
14A - 14B	Phase 3 Plant Expansion Design	\$ -	\$ -	\$ -	\$ -	\$ 3,113,933
15A - 15B	Requa Ave. Interceptor - Phase B Design	\$ -	\$ -	\$ -	\$ -	\$ 510,687
16A - 16B	Requa Ave. Interceptor - Phase B Construction	\$ -	\$ -	\$ -	\$ -	\$ 5,106,873
	Miscellaneous Expenses (See Attachment A)	\$ 50,500	\$ -	\$ -	\$ -	\$ -

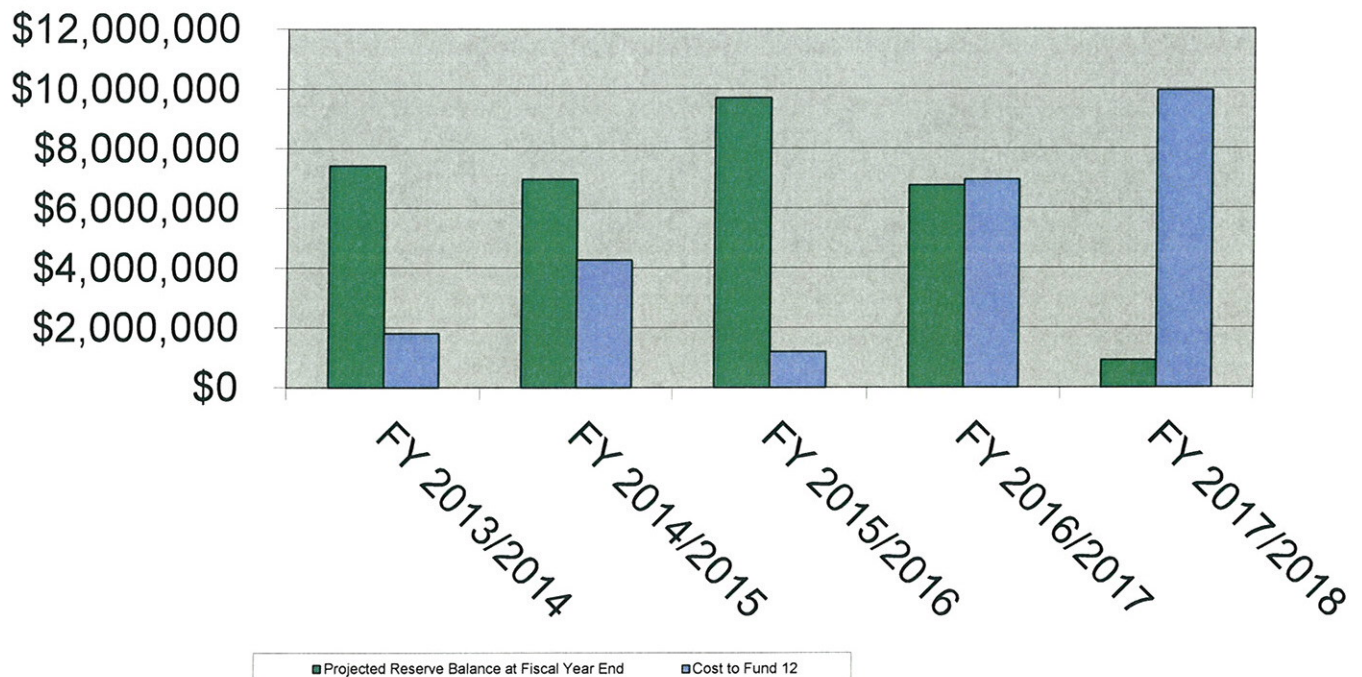
Total	\$ 1,802,568	\$ 4,264,364	\$ 1,197,117	\$ 6,957,037	\$ 9,948,383
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Projected Fund 12 Reserves at Start of Fiscal Year	\$ 5,461,345	\$ 7,420,514	\$ 6,967,765	\$ 9,701,662	\$ 6,767,847
Projected Fund 12 Income	\$ 3,761,737	\$ 3,811,615	\$ 3,931,014	\$ 4,023,222	\$ 4,093,349

Total Reserve Funds	\$9,223,082	\$11,232,129	\$10,898,779	\$13,724,884	\$10,861,196
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Projected Reserve Balance at Fiscal Year End	\$7,420,514	\$6,967,765	\$9,701,662	\$6,767,847	\$912,813
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Fund 12 Projected Reserves vs. Expenses



FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Cost to Fund 13	Cost to Fund 13	Cost to Fund 13	Cost to Fund 13	Cost to Fund 13

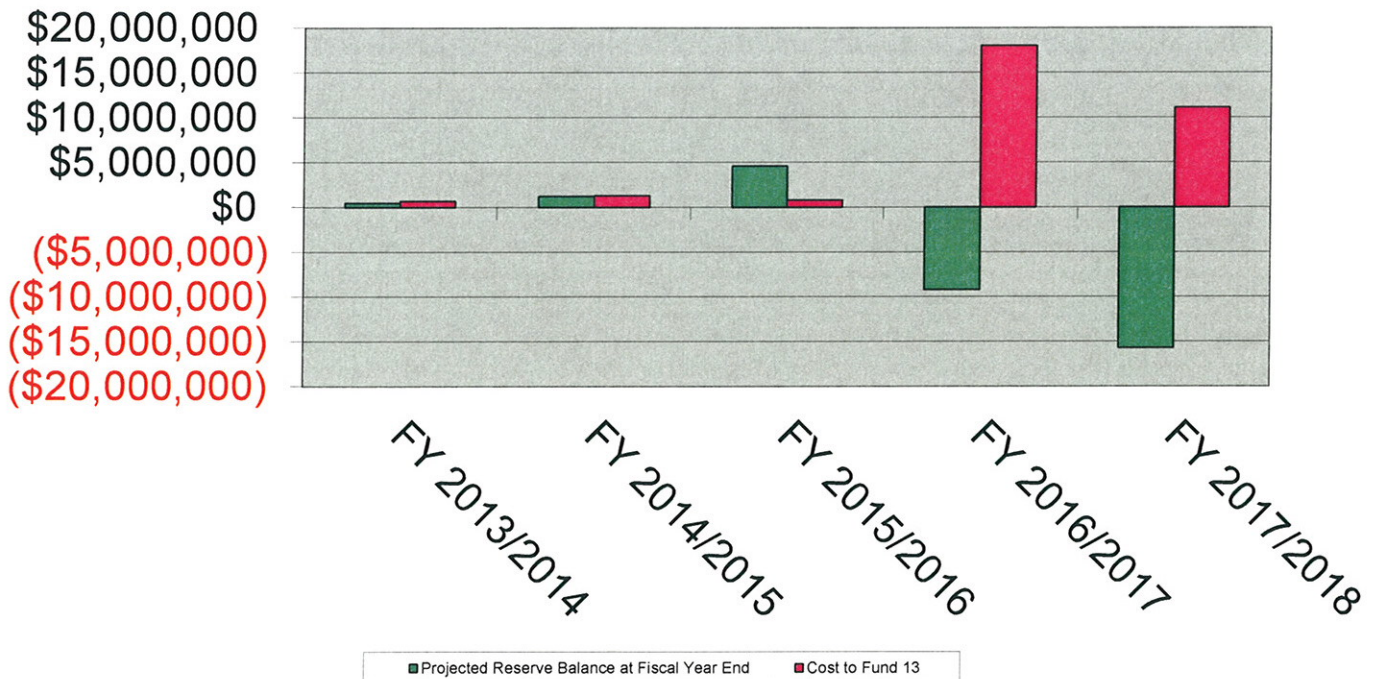
1A - 1B	Debt Service on 2006 Certificates of Participation	\$ 499,485	\$ 499,142	\$ 498,229	\$ 499,284	\$ 496,875
2A - 2B	Requa Ave. Interceptor - Phase A Design	\$ 96,000	\$ -	\$ -	\$ -	\$ -
3A - 3B	Requa Ave. Interceptor - Phase A Construction	\$ 60,000	\$ 767,444	\$ -	\$ -	\$ -
4A - 4B	Sewer Main Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ -
5A - 5B	Manhole Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ -
6A - 6B	Lateral Grant Program	\$ -	\$ -	\$ -	\$ -	\$ -
7A - 7B	Sewer Main Point Repairs	\$ -	\$ -	\$ -	\$ -	\$ -
8A - 8B	Project 6A-Highway 111 to Ave 48 Diversion Sewer	\$ -	\$ -	\$ 273,505	\$ -	\$ -
9A - 9B	Front Wall Replacement	\$ -	\$ -	\$ -	\$ -	\$ -
10A - 10B	Vehicle & Equipment Replacement Fund	\$ -	\$ -	\$ -	\$ -	\$ -
11A - 11B	Contingency-All Departments Combined	\$ -	\$ -	\$ -	\$ -	\$ -
12A - 12B	Solids Handling Facilities - Construction Phase 2B	\$ -	\$ -	\$ -	\$ 16,187,266	\$ -
13A - 13B	Solids Handling Facilities - Const. Phase 2B CM	\$ -	\$ -	\$ -	\$ 1,294,981	\$ -
14A - 14B	Phase 3 Plant Expansion Design	\$ -	\$ -	\$ -	\$ -	\$ 2,495,849
15A - 15B	Requa Ave. Interceptor - Phase B Design	\$ -	\$ -	\$ -	\$ -	\$ 737,888
16A - 16B	Requa Ave. Interceptor - Phase B Construction	\$ -	\$ -	\$ -	\$ -	\$ 7,378,883

Total	\$ 655,485	\$ 1,266,586	\$ 771,734	\$ 17,981,531	\$ 11,109,495
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Projected Fund 13 Reserves at Start of Fiscal Year	\$24,132	\$462,183	\$1,192,997	\$4,583,422	(\$9,218,309)
Projected Fund 13 Income	\$1,093,536	\$1,997,400	\$4,162,159	\$4,179,801	\$4,653,640
Total Reserve Funds	\$1,117,668	\$2,459,583	\$5,355,156	\$8,763,222	(\$4,564,670)

Projected Reserve Balance at Fiscal Year End	\$462,183	\$1,192,997	\$4,583,422	(\$9,218,309)	(\$15,674,165)
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Fund 13 Projected Available Reserves vs. Expenses



PROJECT: DEBT SERVICE ON 2006 CERTIFICATES OF PARTICIPATION

PROJECT DESCRIPTION

Payment of principal and interest for financing obtained through Certificates of Participation (COP) to facilitate expansion and renovation of District facilities



Project Number	Project Name
Debt Service on 2006 Certificates of Participation	
Total Project Cost \$	19,185,543
Remaining Balance \$	13,349,169
Project Description	
Payment of principal and interest for financing obtained through Certificates of Participation to facilitate expansion and renovation of District facilities.	
Justification	
Available reserves were not sufficient to fund Construction Phase 1 of the Treatment Plant Expansion/Renovation project. \$5,500,000 of the COP funding was applied to renovation/replacement and \$6,000,000 to increased capacity.	
Board Approvals	
May 23, 2006 - Formation of the Valley Sanitary District Wastewater Facilities Corporation.	

Percent for Replacement Facilities Fund 12	47.8%	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018	Future Years
		Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
		\$ 458,068	\$ 457,754	\$ 456,917	\$ 457,884	\$ 455,676	\$ 4,099,106

Percent for Capacity Expansion Fund 13	52.2%	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018	Future Years
		Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
		\$ 499,485	\$ 499,142	\$ 498,229	\$ 499,284	\$ 496,875	\$ 4,470,749

\$9,000,000
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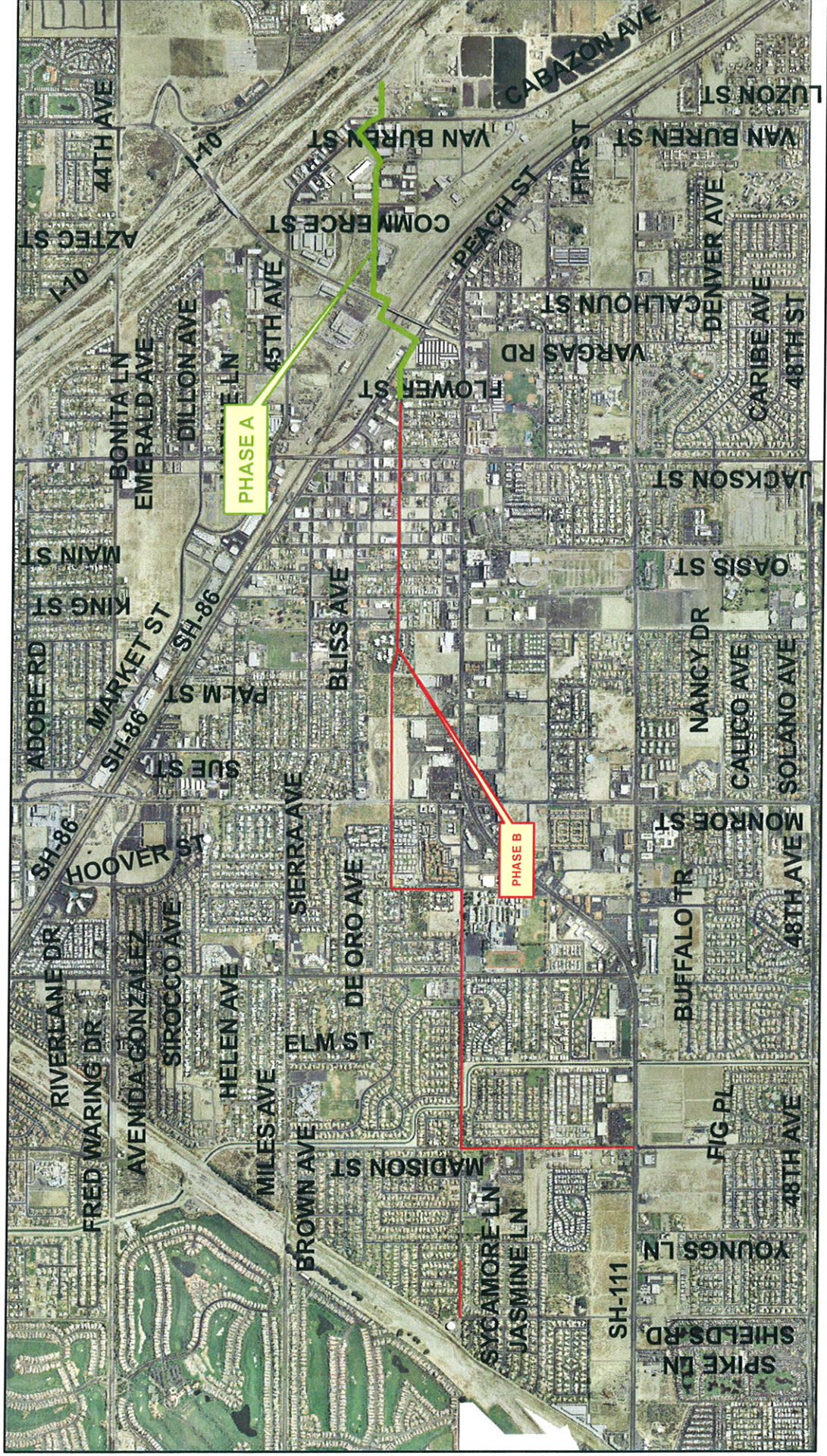
Percent Distribution Between Fund 12 and Fund 13



PROJECT: REQUA AVENUE INTERCEPTOR - PHASE A DESIGN

PROJECT DESCRIPTION

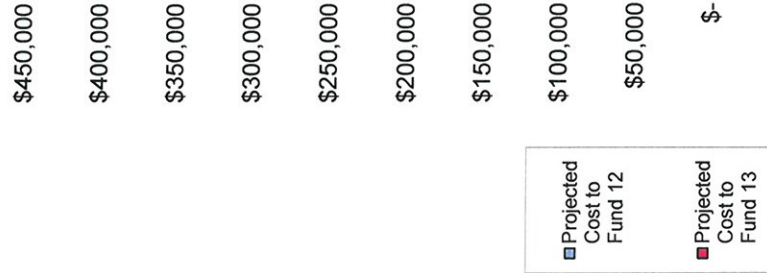
Provides for the engineering design of Phase A of the Requa Avenue Interceptor.



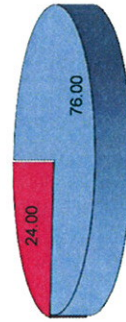
	Project Name
	Requa Ave. Interceptor - Phase A Design Total Project Cost \$ 400,000 Remaining Balance \$ -
	Project Description Provides for the final design of Phase A of the Requa Street Interceptor. Phase A is a portion of the larger Requa Street Interceptor project that extends a major sewer interceptor from the treatment plant west to near the District's western boundary. Phase A extends to the intersection of Requa Street and Flower Street and includes a Hwy 111 relief line.
	Justification Helps resolve limited sewer line capacity in several locations within our service area. Interceptor relieves several existing lines and provides additional capacity for relieved areas such as Dr. Carreon St, Highway 111 east of Arabia and areas of North
	Board Approvals Feasibility Study-6/27/2006, amended 7/11/2006; CEQA Mitigated Negative Declaration adopted-10/23/2007, Predesign Phase A 7/14/2009, Soil Excavation Ave 45 Dump limits-2/9/2010.

Percent for Replacement Facilities Fund 12	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
76.00	Projected Cost to Fund 12 \$ 304,000	Projected Cost to Fund 12 \$ -	Projected Cost to Fund 12 \$ -	Projected Cost to Fund 12 \$ -	Projected Cost to Fund 12 \$ -

Percent for Capacity Expansion Fund 13	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
24.00	Projected Cost to Fund 13 \$ 96,000	Projected Cost to Fund 13 \$ -	Projected Cost to Fund 13 \$ -	Projected Cost to Fund 13 \$ -	Projected Cost to Fund 13 \$ -



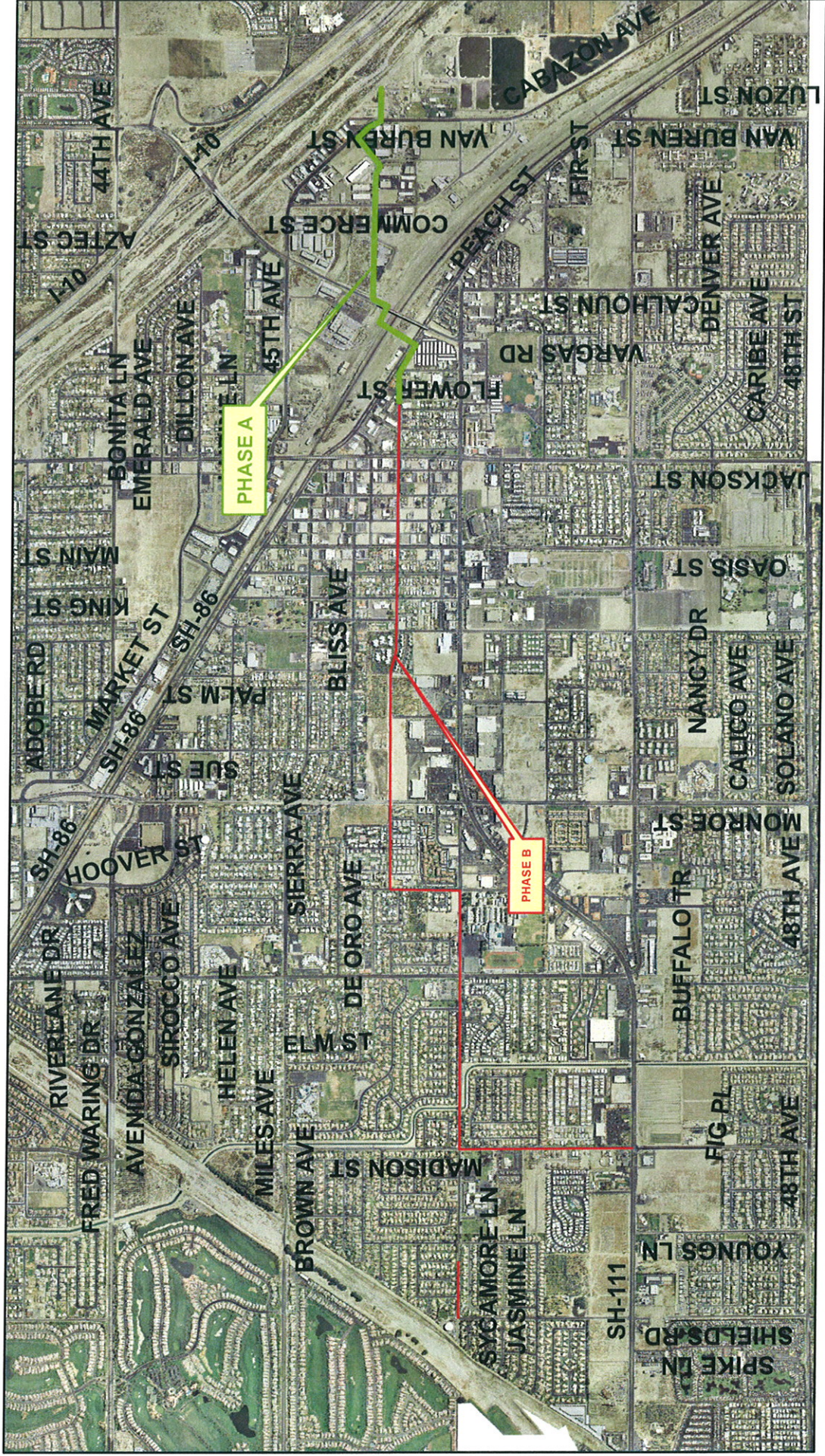
Percent Distribution Between Fund 12 and Fund 13



PROJECT: REQUA AVENUE INTERCEPTOR - PHASE A CONSTRUCTION

PROJECT DESCRIPTION

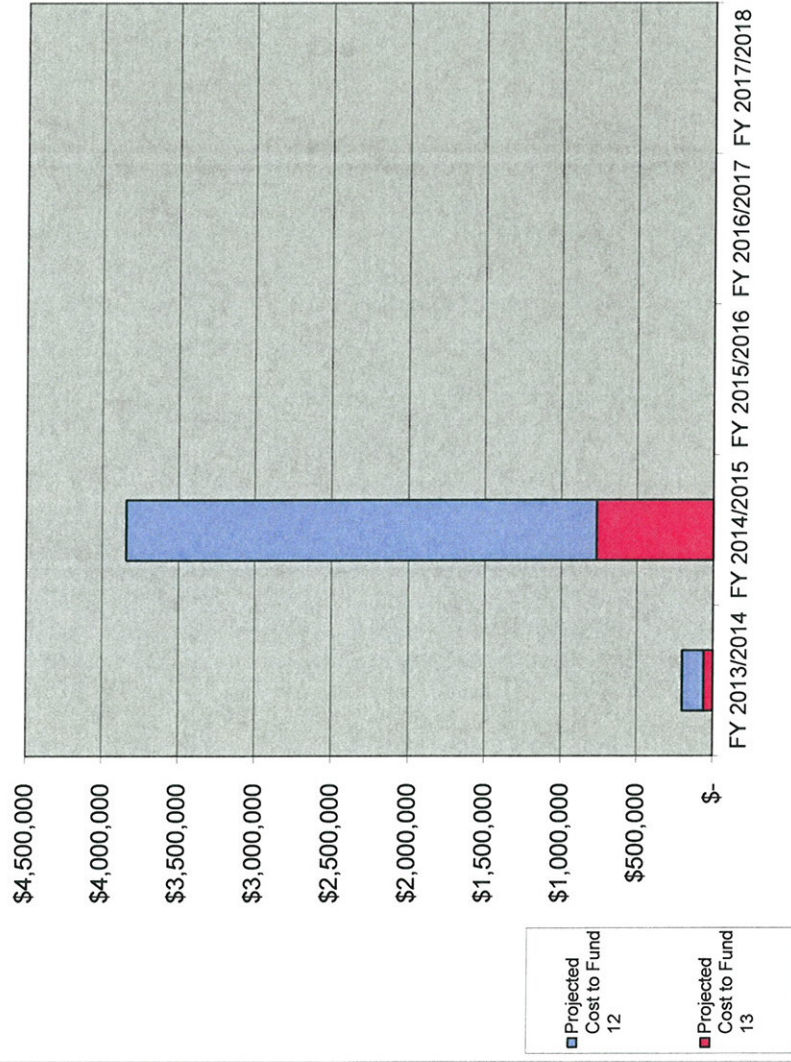
Provides for engineering support services and the construction of Phase A of the Requa Avenue Interceptor. Phase A extends from the treatment plant to the intersection of Requa Avenue and Flower Street. Phase B construction of the Requa Interceptor will ultimately extend the sewer interceptor west near the District's western boundary.



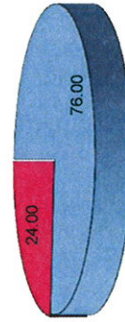
	Project Name
	Requa Ave. Interceptor - Phase A Construction
	Total Project Cost \$ 4,000,000
	Remaining Balance \$ 3,800,000
	Project Description
	Provides for the construction of Phase A of the Requa Street Interceptor. Phase A is a portion of the larger Requa Street Interceptor project that extends a major sewer interceptor from the treatment plant west to near the District's western boundary. Phase A extends to the intersection of Requa Street and Flower Street and includes a Hwy 111 relief line.
	Justification
	Helps resolve limited sewer line capacity in several locations within our service area. Interceptor relieves several existing lines and provides additional capacity for relieved areas such as Dr. Carreon St, Highway 111 east of Arabia and areas of North Indio.
	Board Approvals
	Feasibility Study-6/27/2006, amended 7/11/2006; CEQA Mitigated Negative Declaration adopted-10/23/2007, Predesign Phase a 7/14/2009, Soil Excavation Ave 45 Dump limits-2/9/2010.

	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Replacement Facilities Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
76.00	\$ 140,000	\$ 3,076,610	\$ -	\$ -	\$ -

	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Capacity Expansion Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
24.00	\$ 60,000	\$ 767,444	\$ -	\$ -	\$ -



Percent Distribution Between Fund 12 and Fund 13



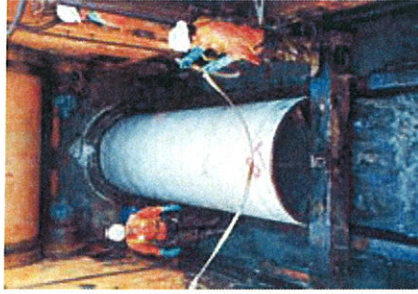
PROJECT: SEWER PIPELINE REHABILITATION

PROJECT DESCRIPTION

Provides for the ongoing rehabilitation of existing sewer lines that are found to be damaged or deteriorated. Rehabilitation may be by "no-dig" technology or by conventional removal and replacement.



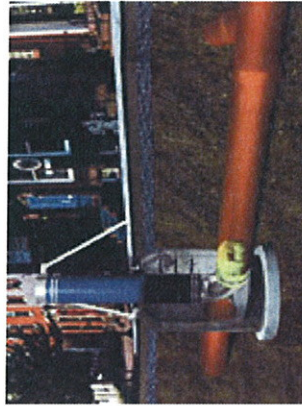
Defective orangeburg mainline sewer pipe was removed from the Sage Street Alley and replaced with plastic PVC pipe



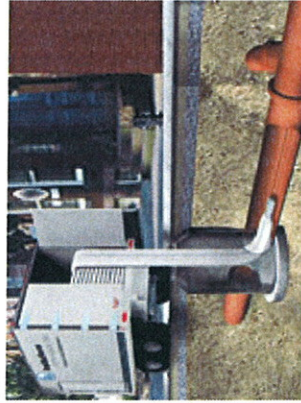
Slip lining "jacking" new pipe inside defective existing sewer is an example of "trenchless technology"



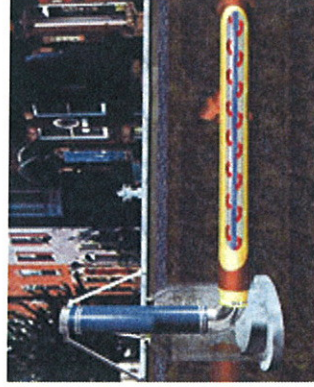
Defective orangeburg mainline sewer pipe was removed from the Deglet Noor Alley and replaced with plastic PVC pipe.



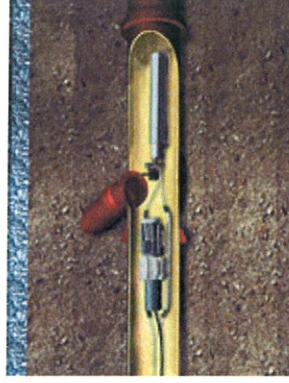
Cured In Place Pipe (CIPP): A resin saturated, coated felt tube is inverted (above picture) or pulled (right picture) into a damaged pipe



Pulling liner into damaged pipe



Hot water or steam is used to cure the resin and form a tight fitting, jointless and corrosion resistant pipe

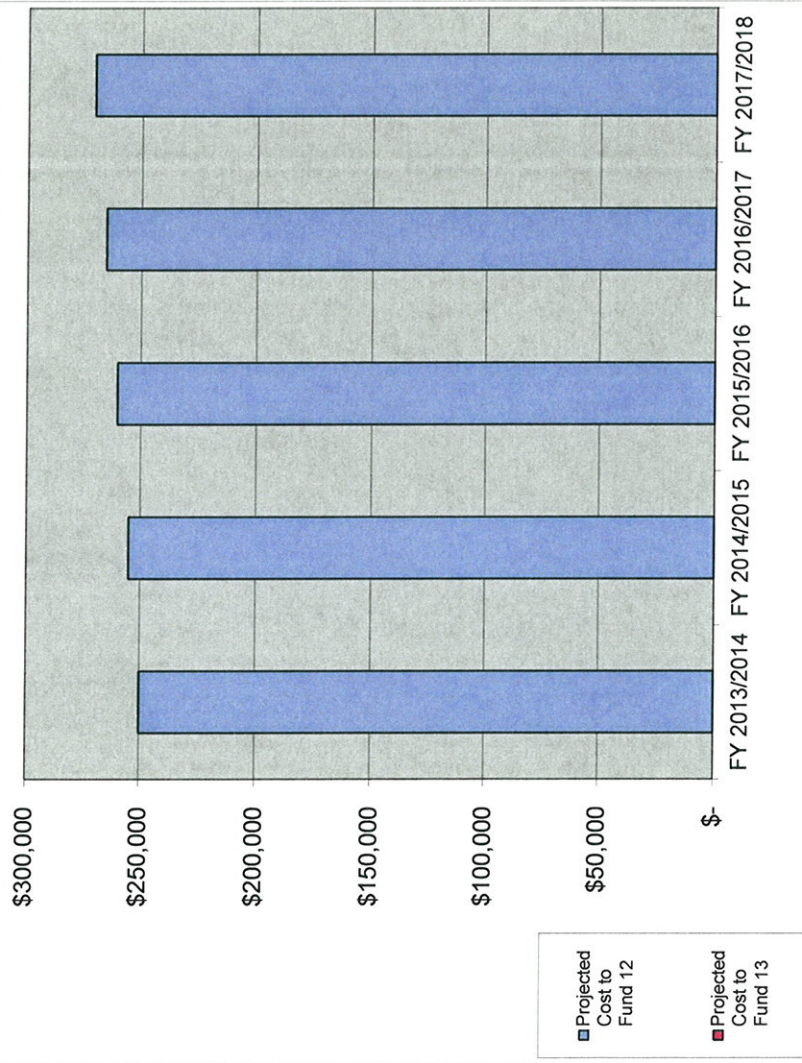


Service laterals are restored internally with robotically controlled cutting devices

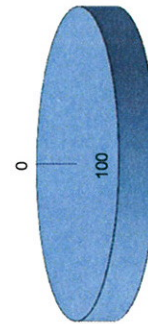
	Project Name
	Sewer Main Rehabilitation
	Project Cost \$ 250,000
	Project Description Provides for ongoing rehabilitation of existing sewer lines that are found to be damaged or deteriorated. Rehabilitation may be by "no-dig" technology or by conventional removal and replacement.
	Justification Deteriorated or damaged sewer lines must be rehabilitated to protect public health and comply with existing laws. For a number of years, the District has allocated between \$250,000 and \$300,000 annually for sewer pipeline rehabilitation.
	Board Approvals

Percent for Replacement Facilities Fund 12	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
100	\$ 250,000	\$ 255,000	\$ 260,100	\$ 265,302	\$ 270,608

Percent for Capacity Expansion Fund 13	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
0	\$ -	\$ -	\$ -	\$ -	\$ -



Percent Distribution Between Fund 12 and Fund 13



PROJECT: MANHOLE REHABILITATION

PROJECT DESCRIPTION

Provides for the ongoing rehabilitation of existing sewer manholes that are found to be damaged or deteriorated. Interior surfaces of deteriorated manholes are repaired and then a corrosion resistant lining is applied to the interior surface.



COMPLETED APPLICATION ON
MANHOLE SHAFT & BASE



MANHOLE BASE
REHABILITATION



COMPLETED APPLICATION ON
MANHOLE SHAFT & BASE



COMPLETED APPLICATION ON
MANHOLE SHAFT



MANHOLE INTERIOR AFTER
REHABILITATION
#3



COATING APPLICATION
#2



BRICK MANHOLE PRIOR
TO REHABILITATION
#1

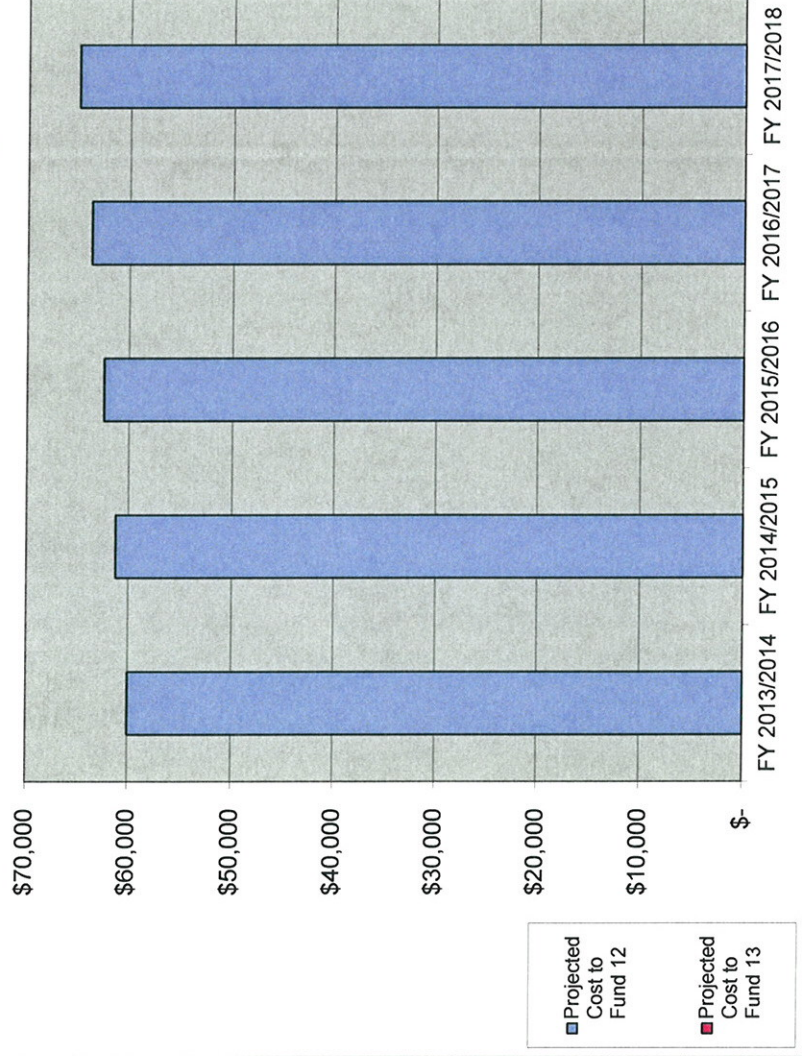


SURFACE PREPARATION

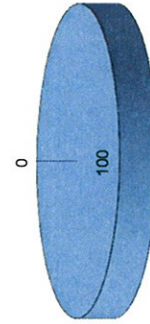
	Project Name
	Manhole Rehabilitation
	Project Cost \$ 60,000
	Project Description Provides for ongoing rehabilitation of existing sewer manholes that are found to be damaged or deteriorated. Interior surfaces of deteriorated manholes are repaired and then a corrosion resistant lining is applied to the interior surface.
	Justification Deteriorated or damaged sewer manholes must be rehabilitated to protect public health and comply with existing laws. For a number of years, the District has allocated about \$60,000 annually for sewer manhole rehabilitation. Future years add 2% per year.
	Board Approvals

Percent for Replacement Facilities Fund 12	100	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
		Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
		\$ 60,000	\$ 61,200	\$ 62,424	\$ 63,672	\$ 64,945

Percent for Capacity Expansion Fund 13	0	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
		Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
		\$ -	\$ -	\$ -	\$ -	\$ -



Percent Distribution Between Fund 12 and Fund 13



PROJECT: LATERAL GRANT PROGRAM

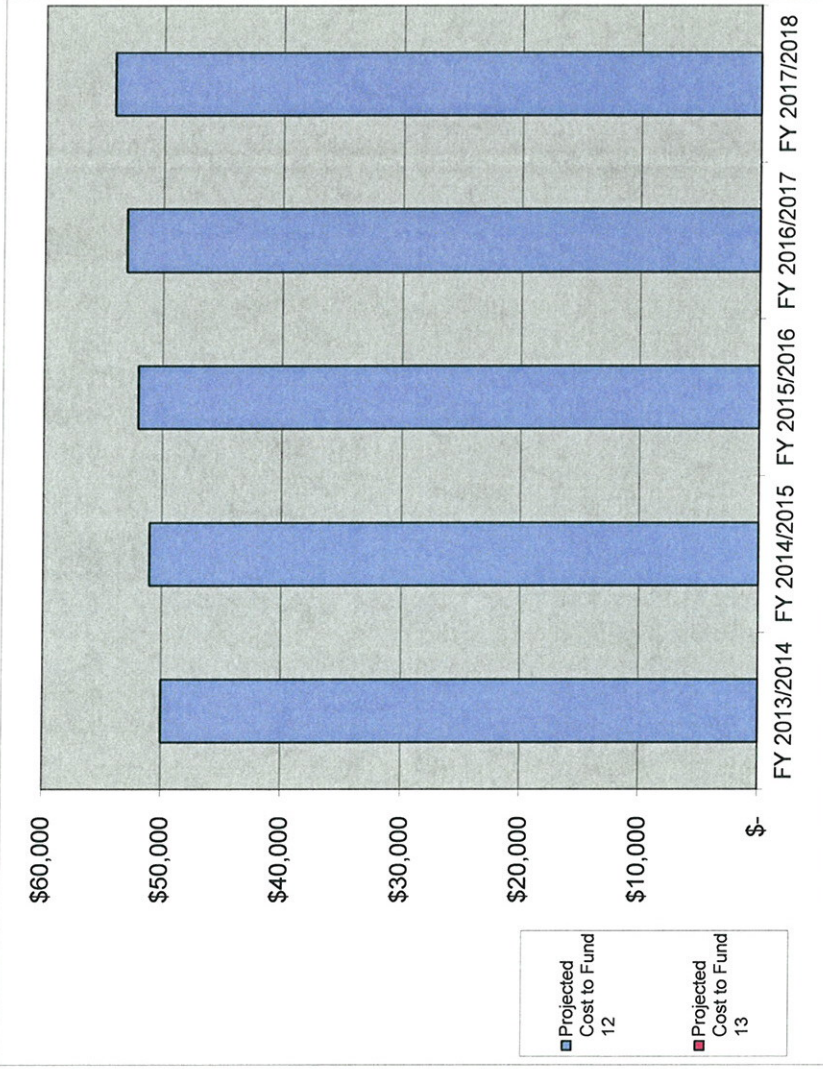
PROJECT DESCRIPTION

The Private Lateral Replacement Grant Program is designed to help the property owner defray a portion of the costs required to replace or repair their lateral including the connection. The maximum amount of assistance for any one private sewer lateral replacement or repair is 50% of the approved cost up to a maximum reimbursement of \$2,000.

	Project Name
	Lateral Grant Program
	Project Cost \$ 50,000
	<p>Project Description</p> <p>The Private Lateral Replacement Grant Program is designed to help property owners within the District defray a portion of the costs to repair or replace a private sewer lateral. The maximum assistance is 50% of the approved cost to a maximum reimbursement of \$2,000.</p> <p>Justification</p> <p>Defective private sewer laterals are a common source for root intrusion as well as inflow/infiltration into the public sewer which can result in sewage overflows creating a public health risk. Promoting repair of defective laterals reduces potential health risks.</p> <p>Board Approvals</p> <p>Program approval date October 26, 2010; Program effective date November 22, 2010</p>

	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Replacement Facilities Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
	\$ 50,000	\$ 51,000	\$ 52,020	\$ 53,060	\$ 54,121
	100.00				

	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Capacity Expansion Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
	\$ -	\$ -	\$ -	\$ -	\$ -
	0.00				



Percent Distribution Between Fund 12 and Fund 13



PROJECT: MAINLINE POINT REPAIRS

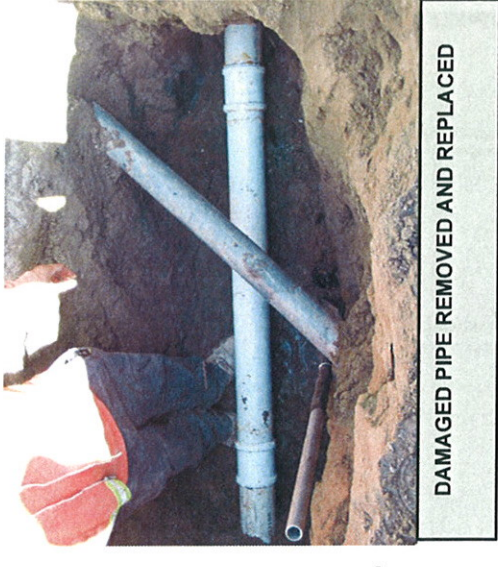
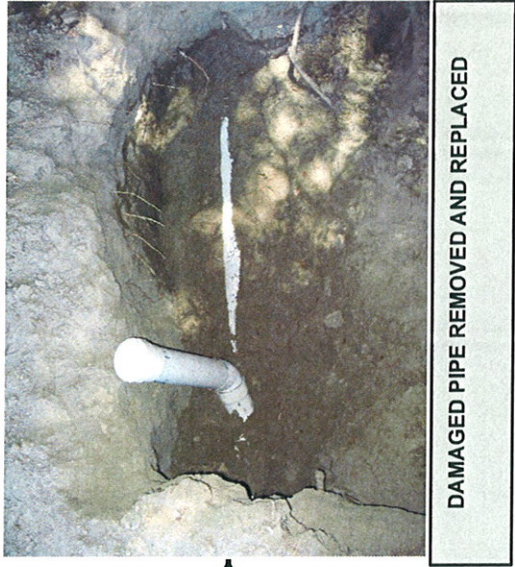
PROJECT DESCRIPTION

Provides for mainline point repairs that are performed on sewer lines and on the District's portion of laterals that are found to have defects in specific locations but the remainder of the line is in good shape.



BEFORE

AFTER



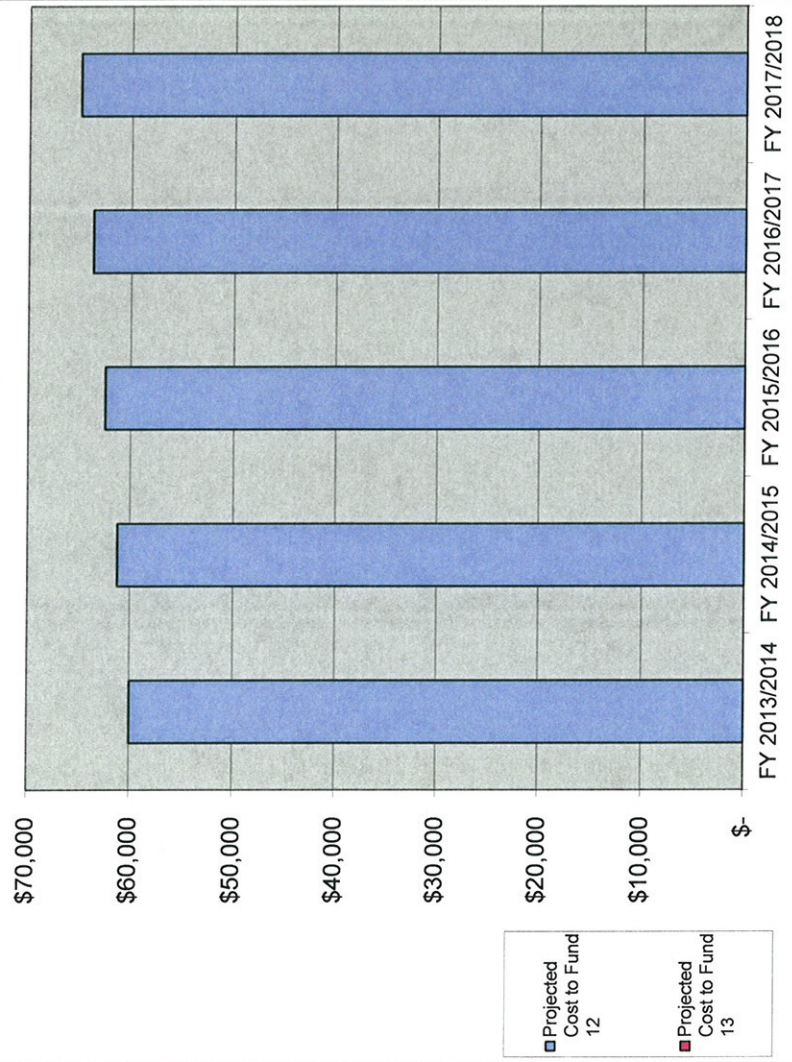
BEFORE

AFTER

	Project Name
	Sewer Main Point Repairs
	Project Cost \$ 60,000
	Project Description Provides for mainline point repairs that are performed on sewer lines and on the District's portion of laterals that are found to have defects in specific locations but the remainder of the line is in relatively good shape.
	Justification Damaged sections of sewer lines must be repaired to protect public health and comply with existing laws. For a number of years, the District has allocated about \$60,000 annually for mainline sewer point repairs.
	Board Approvals

	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Replacement Facilities Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
100	\$ 60,000	\$ 61,200	\$ 62,424	\$ 63,672	\$ 64,945

	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Capacity Expansion Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
0	\$ -	\$ -	\$ -	\$ -	\$ -



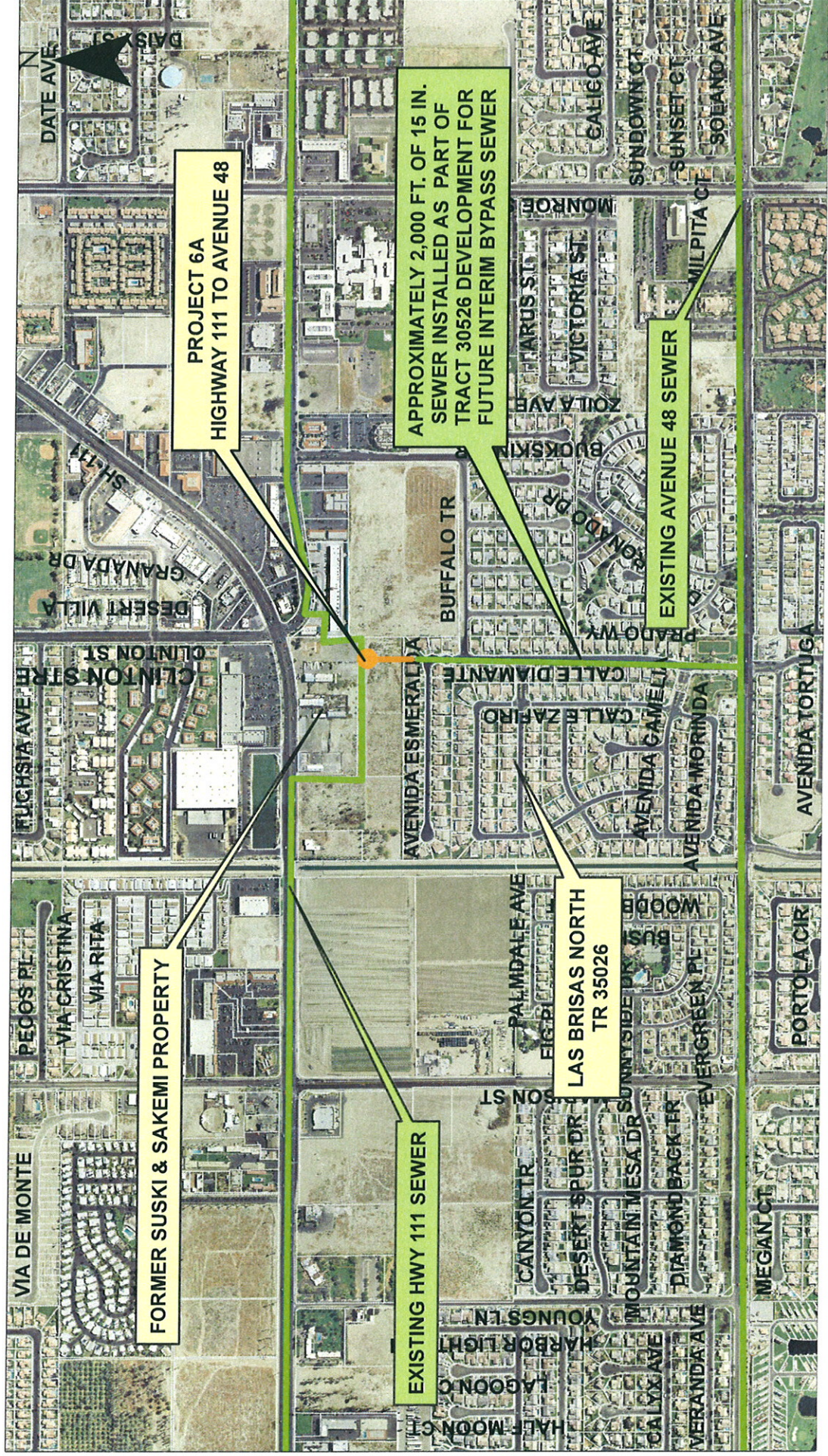
Percent Distribution Between Fund 12 and Fund 13



PROJECT: 6A-HIGHWAY 111 TO AVENUE 48 DIVERSION SEWER

PROJECT DESCRIPTION

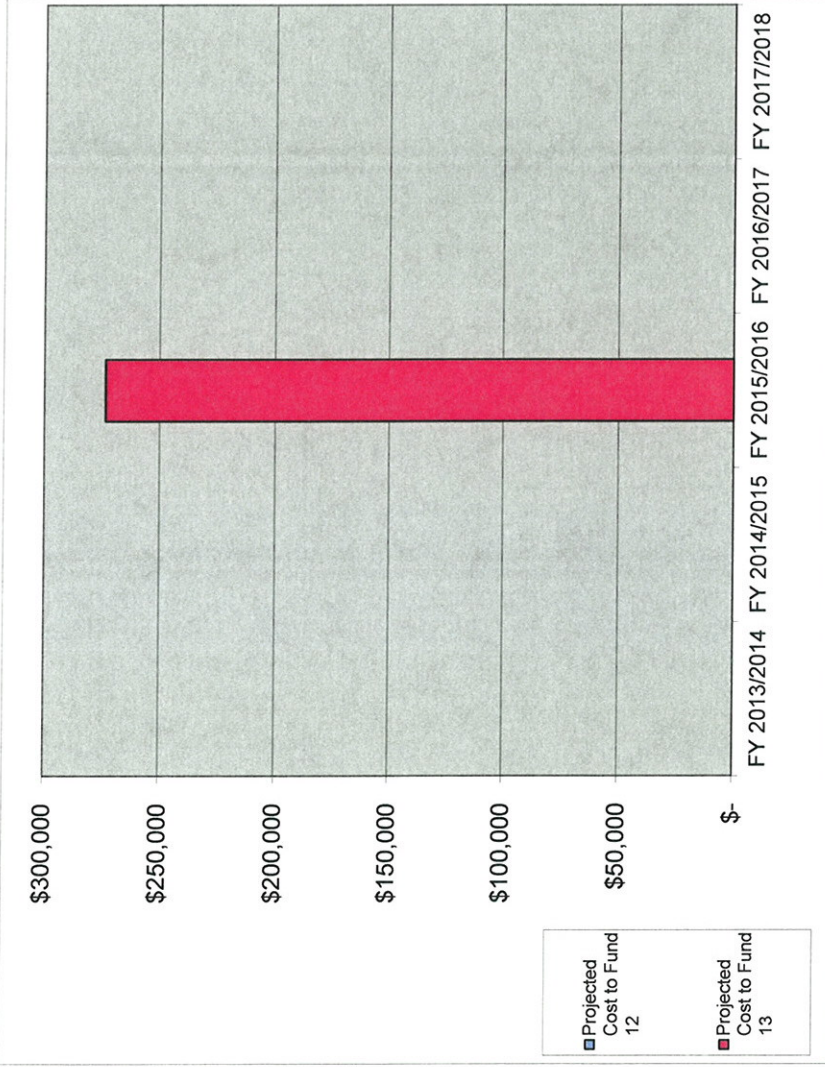
Project 6A provides for the completion of an interim diversion sewer line to relieve flows from the Highway 111 sewer main near Dr. Carreon Blvd. and divert flow to the Avenue 48 sewer main.



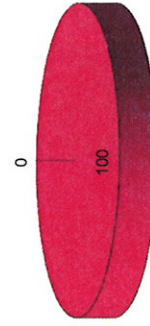
	Project Name
	Project 6A-Highway 111 to Ave 48 Diversion Sewer
	ENR Adjusted Total Project Cost \$ 273,505 Remaining Balance \$ 273,505
	Project Description Project 6A provides for the completion of an interim diversion sewer line to relieve flows from the Highway 111 sewer main near Dr. Carreon Blvd. and divert flow to the Avenue 48 sewer main.
	Justification Existing sewer line capacity is very limited along Highway 111 east of Jefferson and along Dr. Carreon Blvd. This diversion sewer provides interim capacity until Phase 2 of the Requa St. Interceptor is constructed.
	Board Approvals

Percent for Replacement Facilities Fund 12	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
0	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
	\$ -	\$ -	\$ -	\$ -	\$ -

Percent for Capacity Expansion Fund 13	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
100	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
	\$ -	\$ -	\$ 273,505	\$ -	\$ -



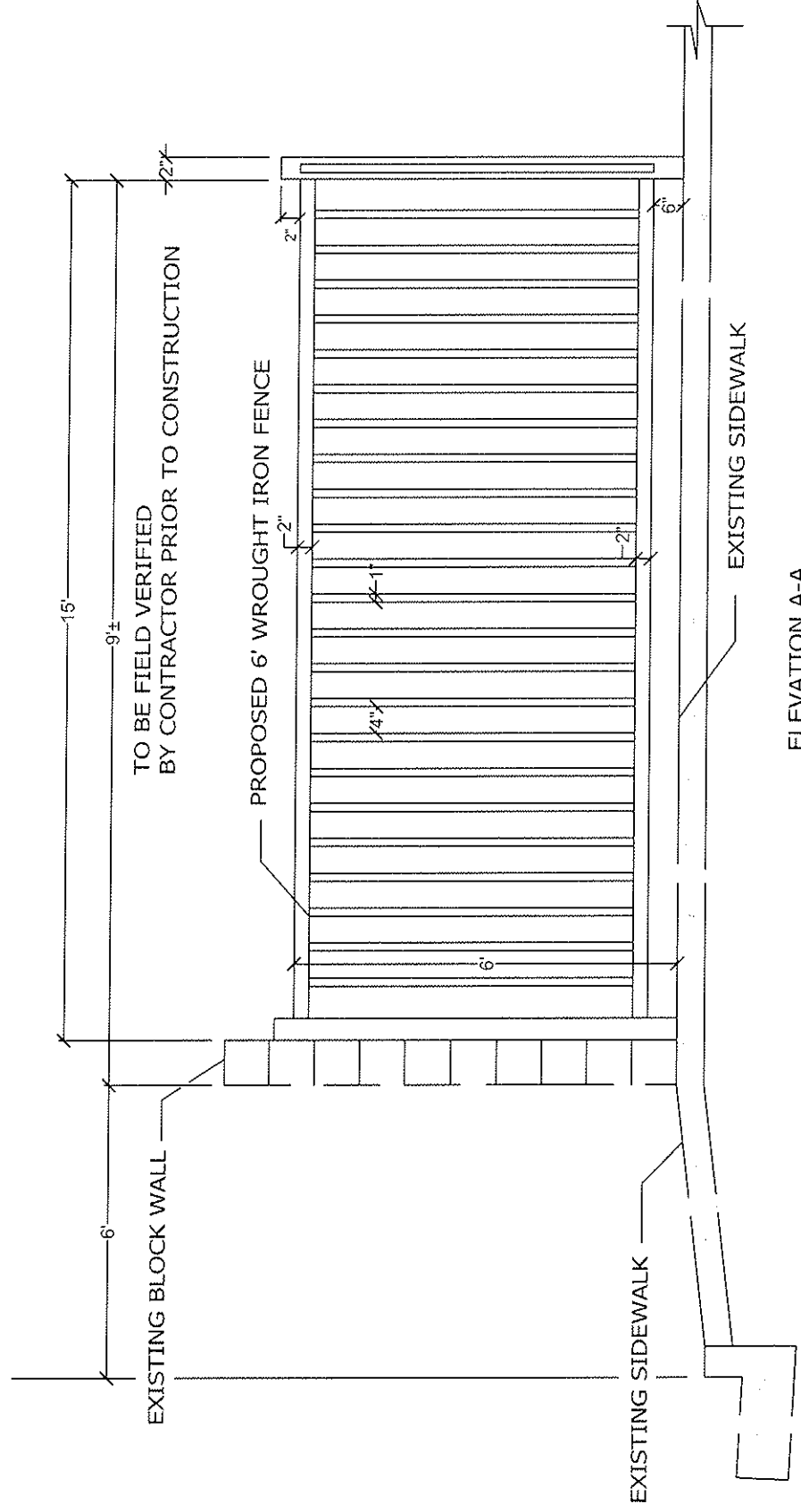
Percent Distribution Between Fund 12 and Fund 13



PROJECTS: FRONT WALL

PROJECT DESCRIPTION

Provides for the demolition of the existing water damaged wall and the construction of a wrought iron fence. The new fence must be constructed 9 ft. east of the existing location to accommodate the Van Buren Street right of way and to meet the legal setback requirements for driveway approaches.

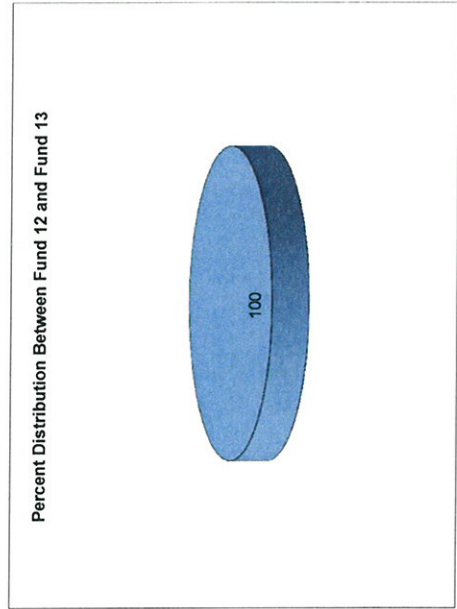
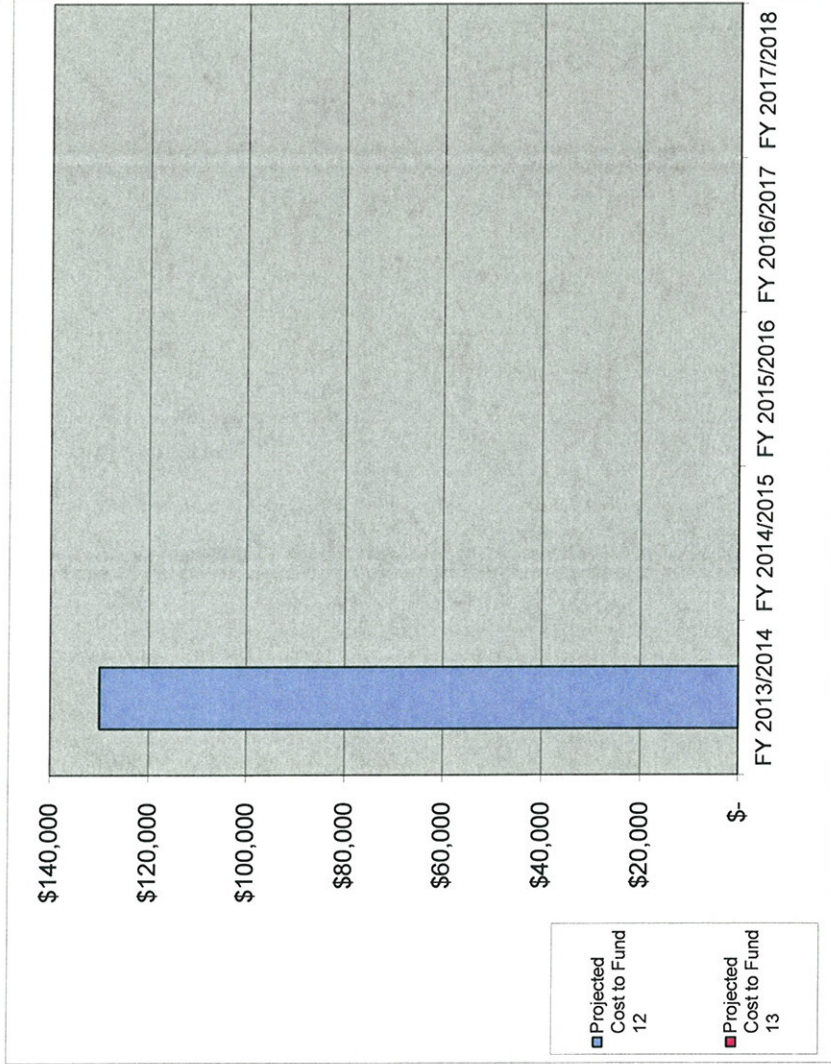


ELEVATION A-A
NOT TO SCALE

	Project Name
	Front Wall Replacement
	Total Project Cost \$ 130,000
	Project Description Replacement of approximately 1,000 linear feet of block wall with enamel treated tubular fencing.
	Justification The Front Wall fronting Van Buren Street is in need of replacement due to deterioration from water damage.
	Board Approvals

	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Replacement Facilities Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
100	\$ 130,000	\$ -	\$ -	\$ -	\$ -

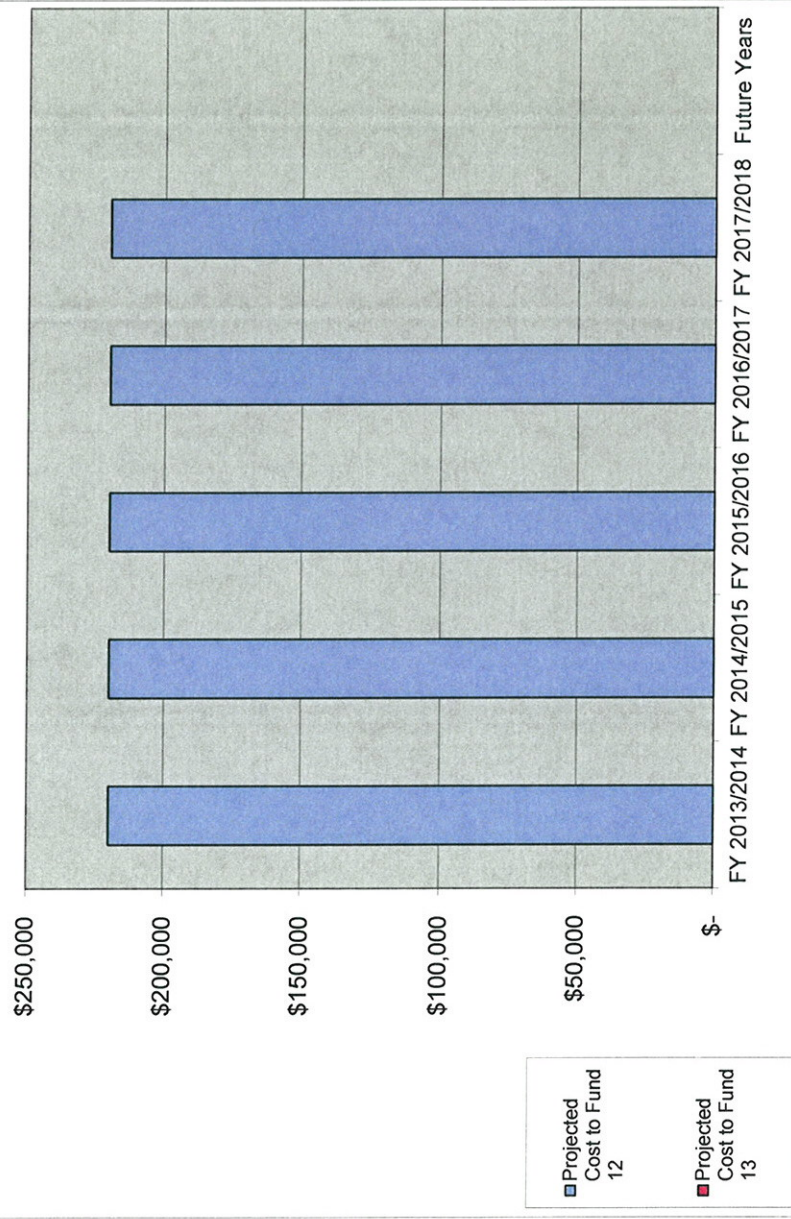
	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Capacity Expansion Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
0	\$ -	\$ -	\$ -	\$ -	\$ -



	Project Name
	Vehicle & Equipment Replacement Fund
	Project Cost \$ 220,000
	Project Description This is the total twenty year Vehicle & Major Equipment Replacement Fund requirement, on an annual basis for major equipment & Vehicles for the District.
	Justification The Additional Twenty Year cash flow requirement is given to project the current and future cost for the twenty year program. (See Attached).
	Board Approvals

Percent for Replacement Facilities Fund 12	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018	Future Years
100	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000 / year

Percent for Capacity Expansion Fund 13	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018	Future Years
0	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Percent Distribution Between Fund 12 and Fund 13



PROJECT: CONTINGENCY-ALL DEPARTMENTS COMBINED

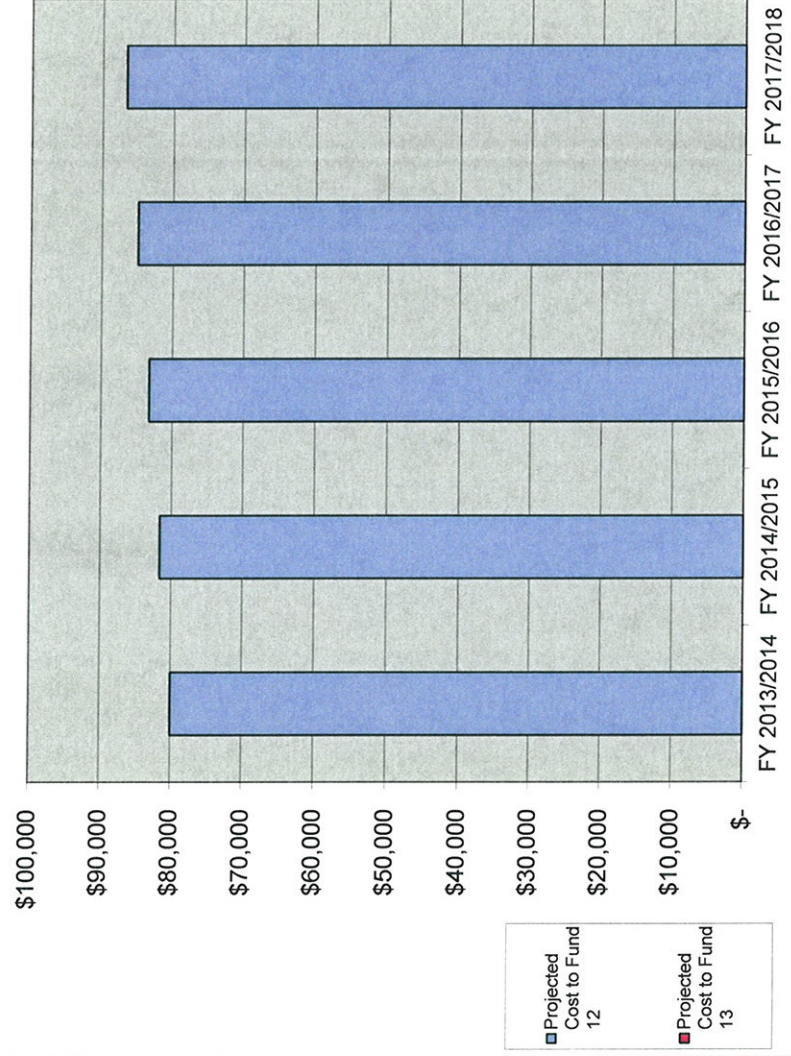
PROJECT DESCRIPTION

Each department budgets a contingency amount each year to cover unexpected/unbudgeted items. The combined total contingency for all departments is \$80,000.00.

	Project Name
	Contingency-All Departments Combined
	Project Cost \$ 80,000
	Project Description Each department budgets a contingency amount each year to cover unexpected/unbudgeted items. The combined total contingency for all departments is \$80,000.00.
	Justification In the event of an unforeseen or unbudgeted expense, the contingency reserve can be used to absorb the cost.
	Board Approvals

	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Replacement Facilities Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
100	\$ 80,000	\$ 81,600	\$ 83,232	\$ 84,897	\$ 86,595

	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Capacity Expansion Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
0	\$ -	\$ -	\$ -	\$ -	\$ -



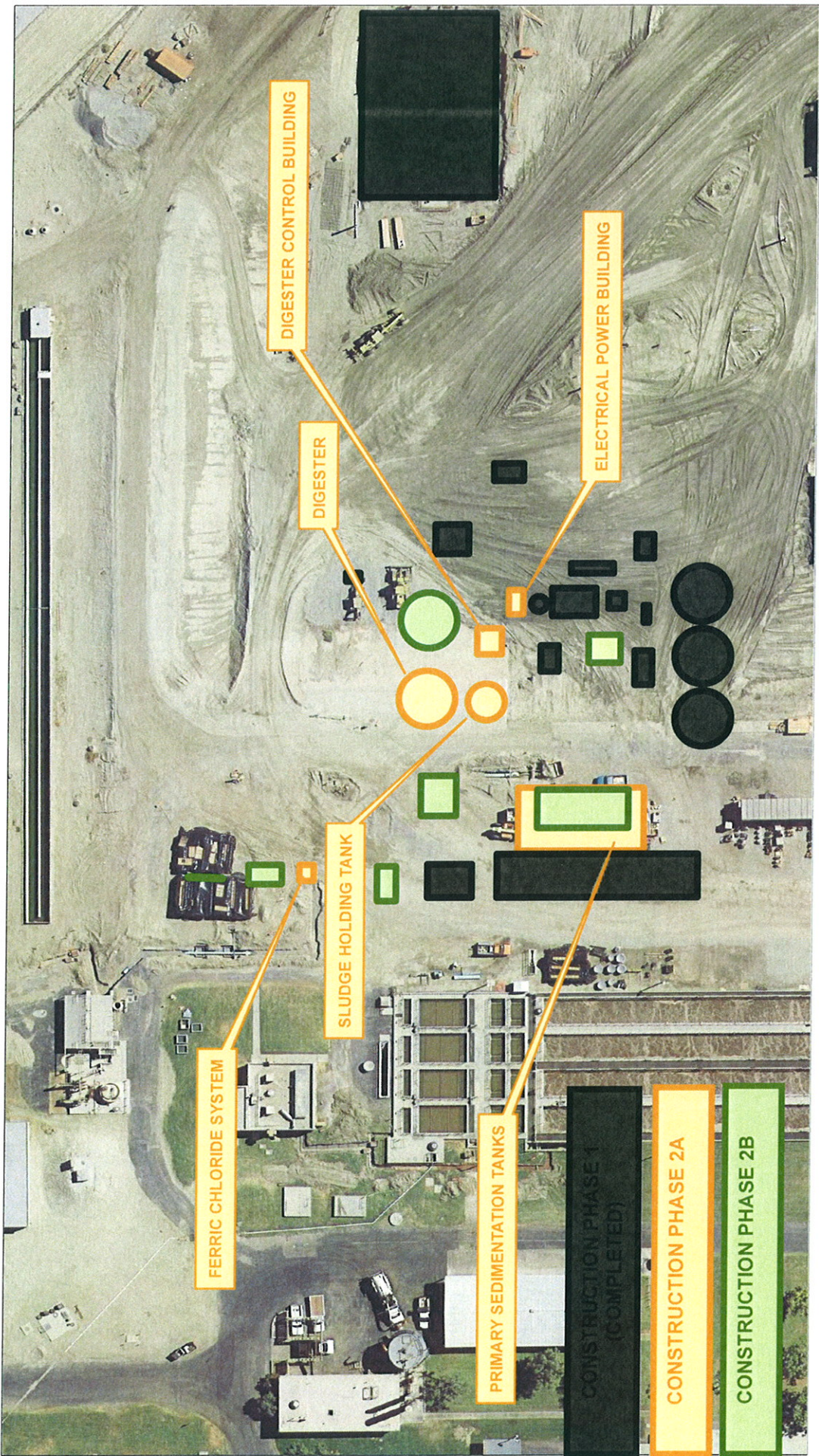
Percent Distribution Between Fund 12 and Fund 13



PROJECT: SOLIDS HANDLING FACILITIES-CONSTRUCTION PHASE 2B

PROJECT DESCRIPTION

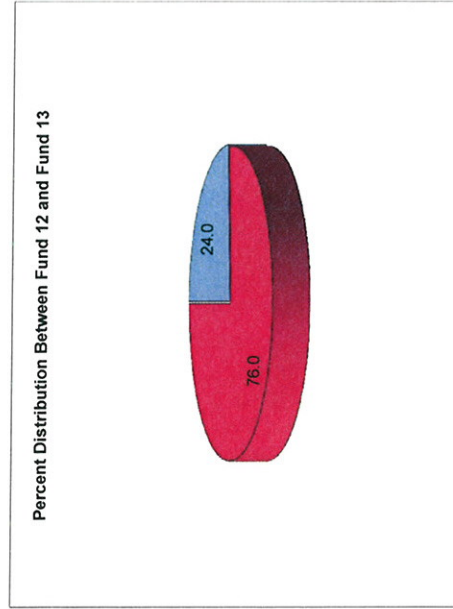
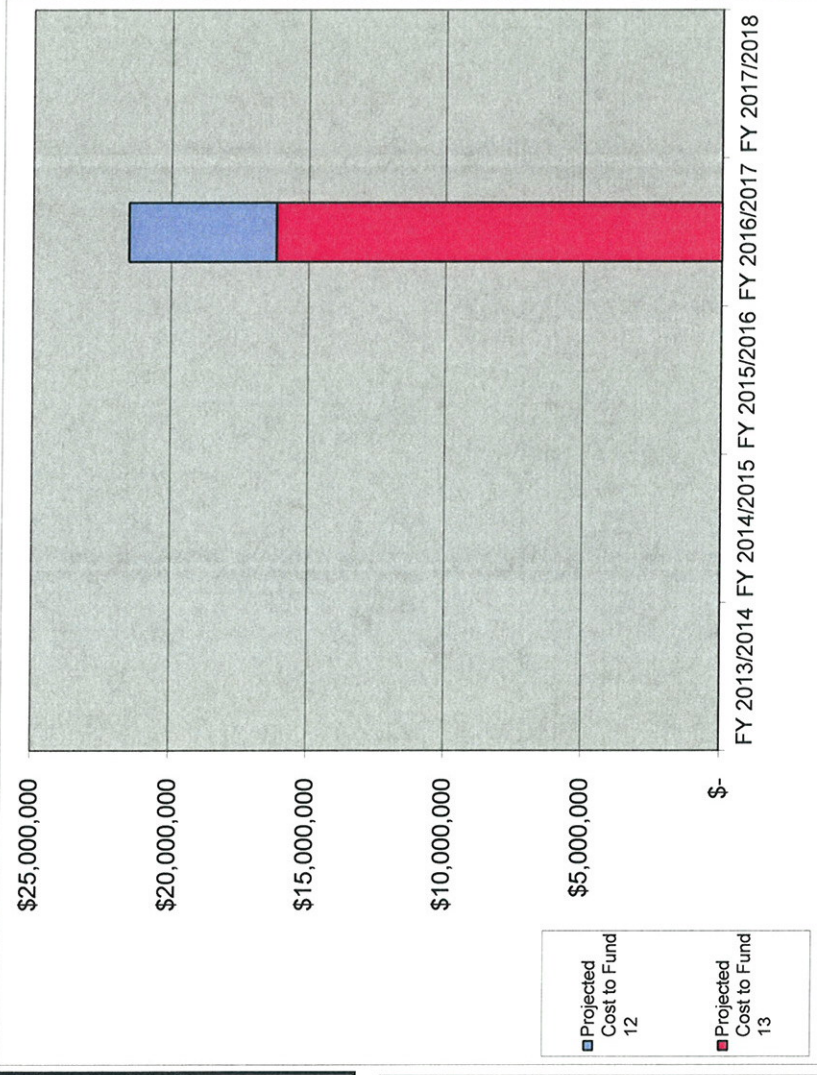
Construction of a portion of the solids handling facilities needed to upgrade and expand the treatment plant solids processing. Includes anaerobic digestion, primary clarification, chemically enhanced settling of primary solids and related facilities.



Project Name	
Solids Handling Facilities - Construction Phase 2B	
Adjusted Total Project Cost \$	21,509,997
Remaining Balance \$	-
Project Description Construction of a second solids handling facilities needed to upgrade and expand the treatment plant solids processing. This second anaerobic digester will allow the District to accept Fats/Oils/Grease (FOG) and other types of food waste to increase the Biological fuel production to be possible used for co-generation purposes.	
Justification Construction Phase 2 of the treatment plant upgrade/expansion project is necessary to provide adequate solids handling and increase capacity including the ability to accept FOG and food wastes.	
Board Approvals Upgrade Feasibility Study-7/9/2002, amended 6/10/2003; Engineering design contract-11/23/2004, amendments 9/27/2005, 1/24/2006, 7/11/2006; CEQA Mitigated Negative Declaration adoption-4/11/2006; NOTICE TO PROCEED 1 NOVEMBER 2012	

	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Replacement Facilities Fund 12	24.0				
	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
	\$ -	\$ -	\$ -	\$ 5,322,731	\$ -

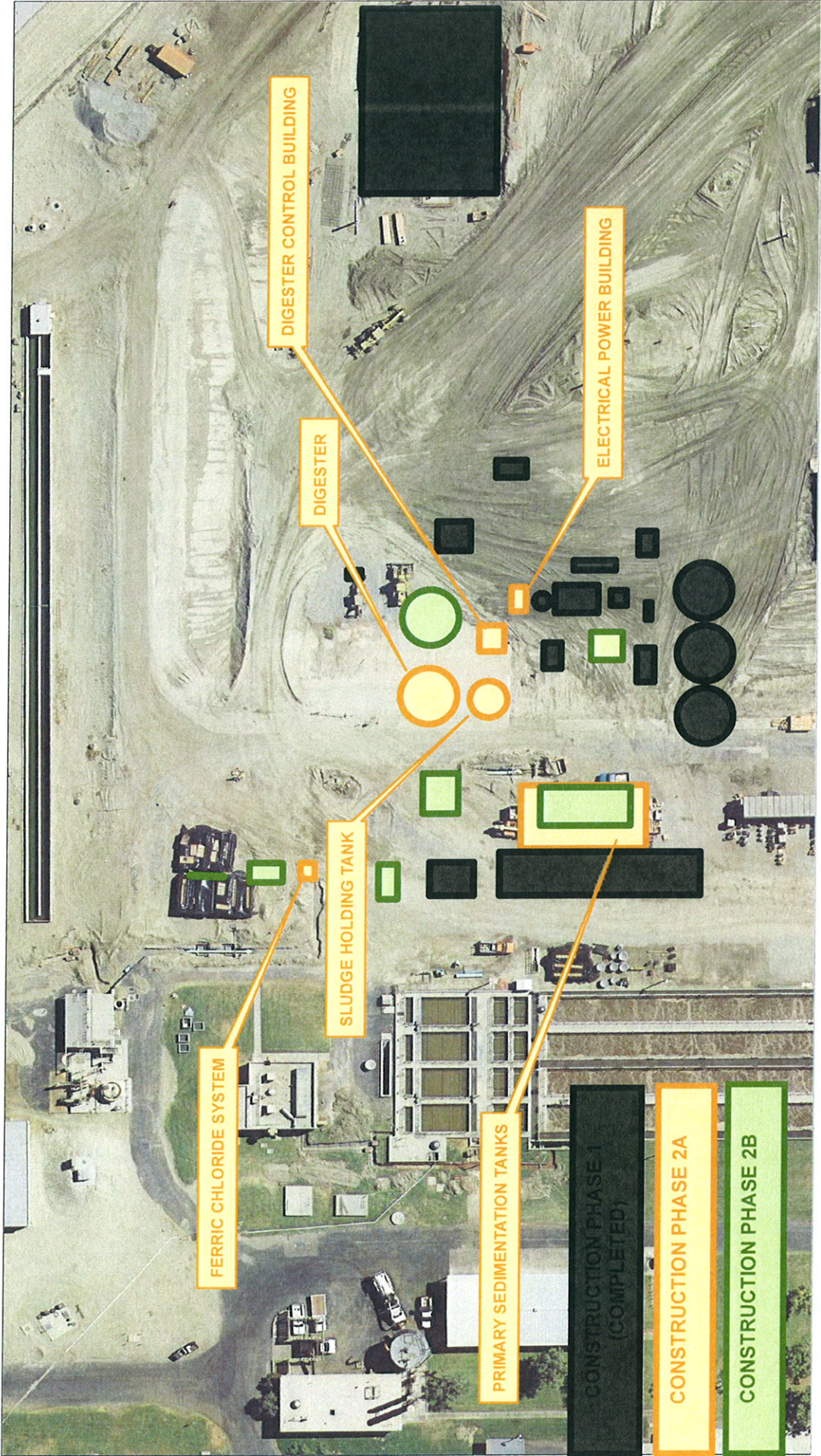
	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Capacity Expansion Fund 13	76.0				
	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
	\$ -	\$ -	\$ -	\$ 16,187,266	\$ -



PROJECT: SOLIDS HANDLING FACILITIES PHASE 2B - CONSTRUCTION MANAGEMENT

PROJECT DESCRIPTION

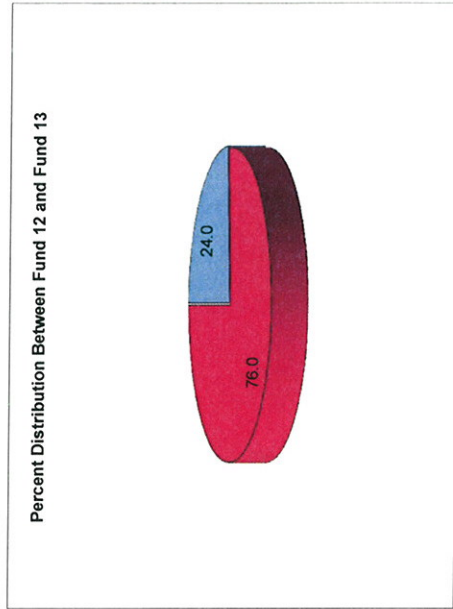
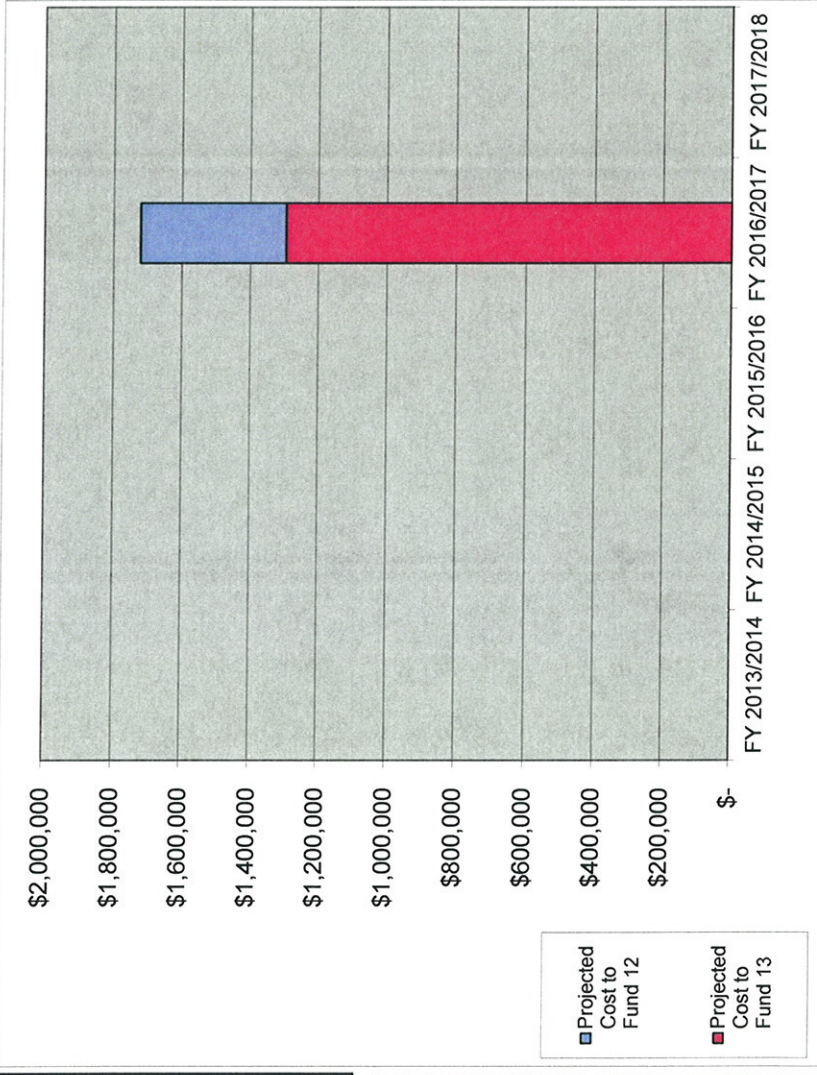
Professional services for construction inspection and management of construction related activities during Construction Phase 2A.



	Project Name
Solids Handling Facilities - Const. Phase 2B CM ENR Adjusted Total Project Cost \$ 1,720,800 Remaining Balance \$ -	
Project Description Construction of a second solids handling facilities needed to upgrade and expand the treatment plant solids processing. This second anaerobic digester will allow the District to accept Fats/Oils/Grease (FOG) and other types of food waste to increase the Biological fuel production to be possible used for co-generation purposes.	Justification Construction Phase 2 of the treatment plant upgrade/expansion project is necessary to provide adequate solids handling and increase capacity including the ability to accept FOG and food wastes.
Board Approvals Upgrade Feasibility Study-7/9/2002, amended 6/10/2003; Engineering design contract-11/23/2004, amendments 9/27/2005, 1/24/2006, 7/11/2006; CEQA Mitigated Negative Declaration adoption-4/11/2006; NOTICE TO PROCEED 1 NOVEMBER 2012	

Percent for Replacement Facilities Fund 12	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
24.0	\$ -	\$ -	\$ -	\$ 425,819	\$ -

Percent for Capacity Expansion Fund 13	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
76.0	\$ -	\$ -	\$ -	\$ 1,294,981	\$ -



PROJECT: PHASE 3 PLANT EXPANSION DESIGN

PROJECT DESCRIPTION

This project will either expand the treatment plant to accommodate future demands and to meet future regulations or will be used to expand the treatment plant in order to provide reclaimed water in conjunction with the City of Indio and the Indio Water Authority JPA.

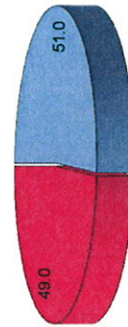
	Project Name
	Phase 3 Plant Expansion Design
	Adjusted Total Project Cost \$ 5,609,782
	Remaining Balance \$ -
	Project Description This project will either expand the treatment plant to accommodate future demands and to meet future regulations or will be used to expand the treatment plant in order to provide reclaimed water in conjunction with the City of Indio and the Indio Water Authority JPA.
	Justification Design of Phase 3 of the treatment plant upgrade/expansion project is necessary to provide adequate sewer treatment service while meeting all future regulatory requirements.
	Board Approvals Upgrade Feasibility Study-7/9/2002, amended 6/10/2003; Engineering design contract-11/23/2004, amendments 9/27/2005, 1/24/2006, 7/11/2006; CEQA Mitigated Negative Declaration adoption-4/11/2006; NOTICE TO PROCEED 1 NOVEMBER 2012

	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Replacement Facilities Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
51.0	\$ -	\$ -	\$ -	\$ -	\$ 3,113,933

	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
Percent for Capacity Expansion Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
49.0	\$ -	\$ -	\$ -	\$ -	\$ 2,495,849



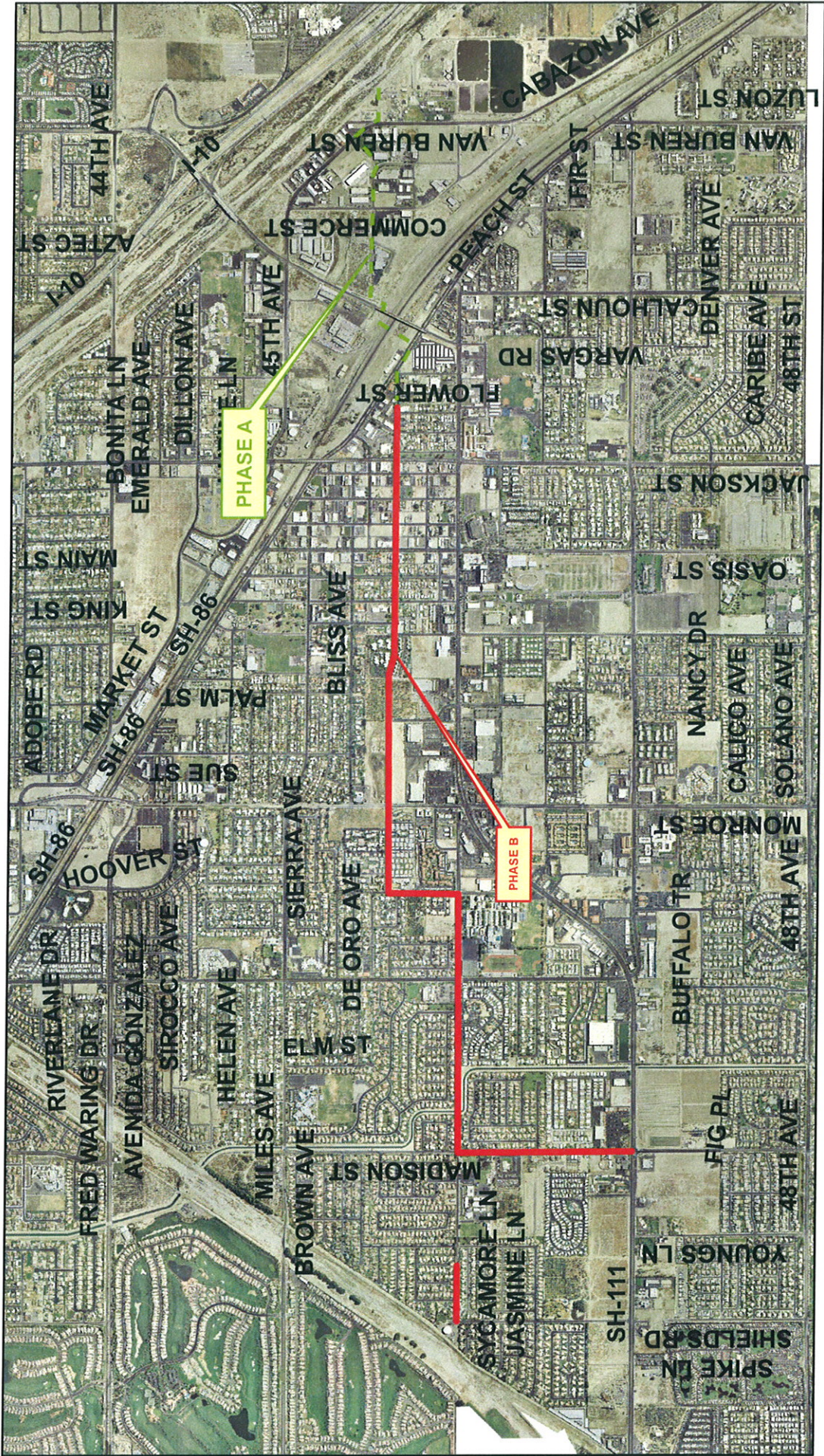
Percent Distribution Between Fund 12 and Fund 13



PROJECT: REQUA AVENUE INTERCEPTOR - PHASE B DESIGN

PROJECT DESCRIPTION

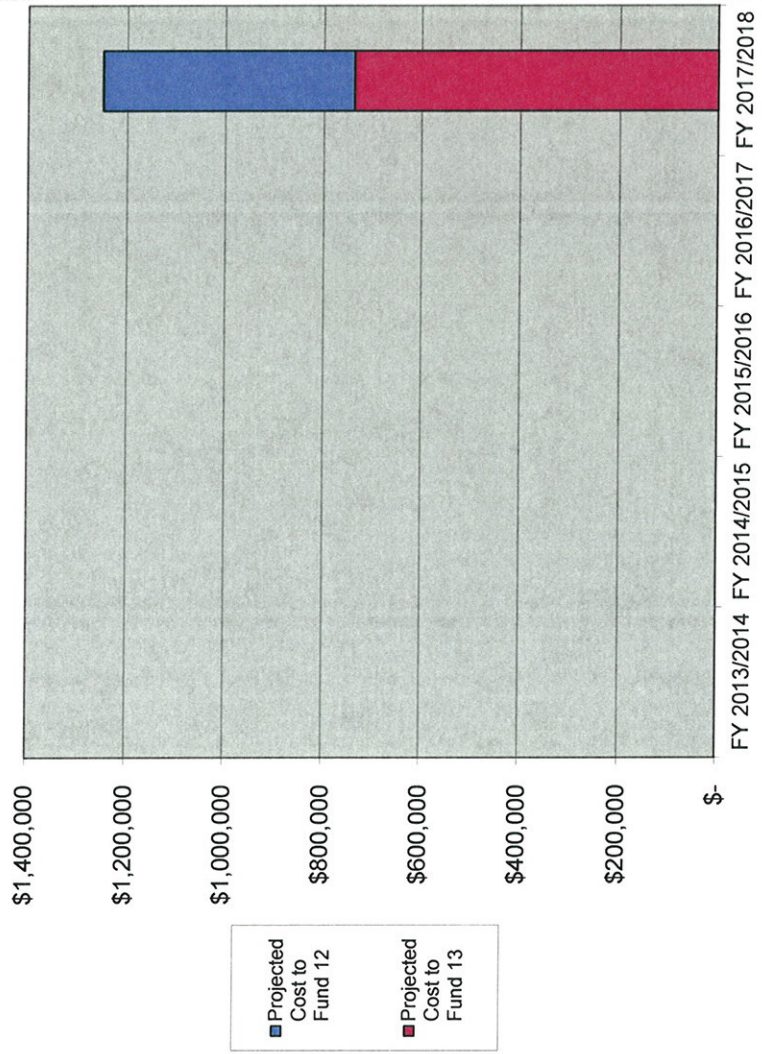
Provides for the engineering design of Phase B of the Requa Avenue Interceptor.



	Project Name
	Requa Ave. Interceptor - Phase B Design
	Total Project Cost \$ 1,248,576 Remaining Balance \$ -
	Project Description Provides for the final design of Phase B of the Requa Street Interceptor. Phase B is a remaining portion of the Requa Street Interceptor project that extends a major sewer interceptor from the treatment plant west to near the District's western boundary. Phase B starts near the intersection of Requa Street and Flower St. and ends at HWY 111 and Madison St.
	Justification Helps resolve limited sewer line capacity in several locations within our service area. Interceptor relieves several existing lines and provides additional capacity for relieved areas such as Dr. Carreon St, Highway 111 east of Arabia and areas of North
	Board Approvals Feasibility Study-6/27/2006, amended 7/11/2006; CEQA Mitigated Negative Declaration adopted-10/23/2007, Predesign Phase A 7/14/2009, Soil Excavation Ave 45 Dump limits-2/9/2010.

Percent for Replacement Facilities Fund 12	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
38.40	Projected Cost to Fund 12 \$ -	Projected Cost to Fund 12 \$ -	Projected Cost to Fund 12 \$ -	Projected Cost to Fund 12 \$ -	Projected Cost to Fund 12 \$ 510,687

Percent for Capacity Expansion Fund 13	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
61.60	Projected Cost to Fund 13 \$ -	Projected Cost to Fund 13 \$ -	Projected Cost to Fund 13 \$ -	Projected Cost to Fund 13 \$ -	Projected Cost to Fund 13 \$ 737,888



Percent Distribution Between Fund 12 and Fund 13



PROJECT DESCRIPTION

The map displays the proposed transit network in the Denver area. Phase A, shown in yellow, represents a line extending north from the downtown core along I-10. Phase B, shown in red, represents a line extending east from the downtown core along I-25. The map includes labels for major streets such as I-10, I-25, and various local roads like 44th Ave, 48th Ave, and 52nd Ave. The map also shows the locations of major transit hubs and stations, including the downtown core and the airport area.

	Project Name
	Requa Ave. Interceptor - Phase B Construction
	Total Project Cost \$ 12,485,756 Remaining Balance \$ -
	Project Description Provides for the final design of Phase B of the Requa Street Interceptor. Phase B is a remaining portion of the Requa Street Interceptor project that extends a major sewer interceptor from the treatment plant west to near the District's western boundary. Phase B starts near the intersection of Requa Street and Flower St. and ends at HWY 111 and Madison St.
	Justification Helps resolve limited sewer line capacity in several locations within our service area. Interceptor relieves several existing lines and provides additional capacity for relieved areas such as Dr. Carreon St, Highway 111 east of Arabia and areas of North Indio.
	Board Approvals Feasibility Study-6/27/2006, amended 7/11/2006; CEQA Mitigated Negative Declaration adopted-10/23/2007, Predesign Phase a 7/14/2009, Soil Excavation Ave 45 Dump limits-2/9/2010.

Percent for Replacement Facilities Fund 12	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
38.40	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12	Projected Cost to Fund 12
	\$ -	\$ -	\$ -	\$ -	\$ 5,106,873

Percent for Capacity Expansion Fund 13	FY 2013/2014	FY 2014/2015	FY 2015/2016	FY 2016/2017	FY 2017/2018
61.60	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13	Projected Cost to Fund 13
	\$ -	\$ -	\$ -	\$ -	\$ 7,378,883



Percent Distribution Between Fund 12 and Fund 13



VALLEY SANITARY DISTRICT - CAPITAL IMPROVEMENT & CAPITAL REPLACEMENT PLAN

		2013-2014		2014-2015		2015-2016		2016-2017		2017-2018		2018-2019		2019-2020		2020-2021		2021-2022		2022-2023		Total for Future Years	
		Fund 12 Costs	Fund 13 Costs	Fund 12 Costs	Fund 13 Costs	Fund 12 Costs	Fund 13 Costs	Fund 12 Costs	Fund 13 Costs	Fund 12 Costs	Fund 13 Costs	Fund 12 Costs	Fund 13 Costs	Fund 12 Costs	Fund 13 Costs	Fund 12 Costs	Fund 13 Costs	Fund 12 Costs	Fund 13 Costs	Fund 12 Costs	Fund 13 Costs	Fund 12 Costs	Fund 13 Costs
	NOTES																						
	PROJECT																						
TREATMENT																							
	¹ \$11,500,000 bond - payment over 20 years	\$458,068	\$499,485	\$457,754	\$499,142	\$456,917	\$498,229	\$457,884	\$499,284	\$455,676	\$496,875	\$457,590	\$498,963	\$456,379	\$497,642	\$456,689	\$497,981	\$456,273	\$497,527	\$455,161	\$496,314	\$1,817,014	\$1,982,322
	² Phase 3 Plant Expansion Design									\$3,113,933	\$2,495,849												
	² Phase 3 Plant Expansion Construction											\$32,073,510	\$24,591,787										
	Asset Management System	\$22,000																					
SLUDGE																							
	³ Solids Handling Construction Phase 2B									\$5,322,731	\$16,187,266												
	³ Solids Handling Const. Phase 2B Const. Management									\$425,819	\$1,294,981												
LABORATORY																							
	Autoclave Replacement	\$14,500																					
	Hot Oven Drying / Sterilizer	\$7,000																					
	CBOD incubator	\$7,000																					
GENERAL FACILITIES																							
	⁴ Vehicle & Equipment Replacement Fund	\$220,000		\$220,000		\$220,000		\$220,000		\$220,000		\$220,000		\$220,000		\$220,000		\$220,000		\$220,000		\$2,200,000	
	⁷ Front Wall Replacement	\$130,000																					
COLLECTION																							
	⁵ Requa Ave. Interceptor Final Design Phase A	\$304,000	\$96,000																				
	⁵ Requa Ave. Interceptor Construction Phase A	\$140,000	\$60,000	\$3,076,610	\$767,444																		
	⁶ Requa Ave. Interceptor Design Phase B									\$510,687	\$737,888												
	⁶ Requa Ave. Interceptor Construction Phase B									\$5,106,873	\$7,378,883												
	⁹ Mainline Sewer Rehabilitation	\$250,000		\$255,000		\$260,100		\$265,302		\$270,608		\$276,020		\$281,540		\$287,171		\$292,914		\$298,772		\$3,336,892	
	⁷ Manhole Rehabilitation	\$60,000		\$61,200		\$62,424		\$63,672		\$64,945		\$66,244		\$67,569		\$68,920		\$70,298		\$71,704		\$800,839	
	⁷ Sewer Main Point Repairs	\$60,000		\$61,200		\$62,424		\$63,672		\$64,945		\$66,244		\$67,569		\$68,920		\$70,298		\$71,704		\$800,839	
	⁷ Lateral Grant Program	\$50,000		\$51,000		\$52,020		\$53,060		\$54,121		\$55,203		\$56,307		\$57,433		\$58,582		\$59,754		\$667,371	
	⁸ (6A) Calle Conejo Pipeline						\$273,505																
	⁸ (1B) Calhoun/Dr. Carreon Construct, Eng. etc.												\$2,941,269										
CONTINGENCY - All Departments Combined		\$80,000		\$81,600		\$83,232		\$84,897		\$86,595		\$88,327		\$90,094		\$91,896		\$93,734		\$95,609		\$1,067,815	
	TOTAL	\$1,802,568	\$655,485	\$4,264,364	\$1,266,586	\$1,197,117	\$771,734	\$6,957,037	\$17,981,531	\$9,948,383	\$11,109,495	\$33,303,138	\$28,032,020	\$1,239,458	\$497,642	\$1,251,029	\$497,981	\$1,262,099	\$497,527	\$1,272,704	\$496,314	\$10,690,770	\$1,982,322
	Cumulative total	\$1,802,568	\$655,485	\$6,066,932	\$1,922,071	\$7,264,049	\$2,693,806	\$14,221,086	\$20,675,337	\$24,169,469	\$31,784,832	\$57,472,607	\$59,816,852	\$58,712,065	\$60,314,494	\$59,963,094	\$60,812,475	\$61,225,193	\$61,310,002	\$62,497,897	\$61,806,316	\$73,188,667	\$63,788,638
Fund 13																							
	Fund 13 Capital expenses in year		\$655,485		\$1,266,586		\$771,734		\$17,981,531		\$11,109,495		\$28,032,020		\$497,642		\$497,981		\$497,527		\$496,314		
	Projected Fund 13 revenue		\$1,093,536		\$1,997,400		\$4,162,159		\$4,179,801		\$4,653,640		\$5,276,525		\$5,434,820		\$5,597,865		\$5,765,801		\$5,938,775		
	Projected beginning year Fund 13 reserve		\$24,132		\$462,183		\$1,192,997		\$4,583,422		(\$9,218,309)		(\$15,674,165)		(\$38,429,660)		(\$33,492,482)		(\$28,392,597)		(\$23,124,323)		
	Projected end of year Fund 13 reserve		\$462,183		\$1,192,997		\$4,583,422		(\$9,218,309)		(\$15,674,165)		(\$38,429,660)		(\$33,492,482)		(\$28,392,597)		(\$23,124,323)		(\$17,681,862)		
Fund 12																							
	Fund 12 expenses in year	\$1,802,568		\$4,264,364		\$1,197,117		\$6,957,037		\$9,948,383		\$33,303,138		\$1,239,458		\$1,251,029		\$1,262,099		\$1,272,704			
	Projected Fund 12 revenue	\$3,761,737		\$3,811,615		\$3,931,014		\$4,023,222		\$4,093,349		\$4,150,403		\$4,252,624		\$4,357,912		\$4,466,359		\$4,578,059			
	Projected beginning year Fund 12 reserve	\$5,461,345		\$7,420,514		\$6,967,765		\$9,701,662		\$6,767,847		\$912,813		(\$28,239,923)		(\$25,226,757)		(\$22,119,874)		(\$18,915,614)			
	Projected end of year Fund 12 reserve	\$7,420,514		\$6,967,765		\$9,701,662		\$6,767,847		\$912,813		(\$28,239,923)		(\$25,226,757)		(\$22,119,874)		(\$18,915,614)		(\$15,610,259)			

¹ Cost allocation of 52% to process expansion is based on \$6,000,000 of the \$11,500,000 bond funds having been applied to project costs that increased capacity.

² Cost allocation of 49% to process expansion is based on engineer's cost estimate and evaluation of 51% of cost associated with replacement components.

³ Cost allocation of 76% to process expansion is based on engineer's cost estimate and evaluation of 24% of cost associated with replacement components.

⁴ Vehicle Major Equipment Replacement Fund (Collections & Treatment)

⁵ Cost allocation of 23.7% to capacity expansion is based on the calculated percentage of future flow relative to the total line capacity.

⁶ Cost allocation of 61.6% to capacity expansion is based on the calculated cost for a line of sufficient capacity to serve future development subtracted from the projected project cost to include existing flows.

⁷ No cost allocation to expansion as this is replacement or rehabilitation of existing facilities.

⁸ Project cost allocated 100% to expansion as the total need for project is due to development.

Capital Funding Requirement

