

**LAS VIRGENES - TRIUNFO
JOINT POWERS AUTHORITY
AGENDA**

CLOSING TIME FOR AGENDA IS 8:30 A.M. ON THE TUESDAY PRECEDING THE MEETING. GOVERNMENT CODE SECTION 54954.2 PROHIBITS TAKING ACTION ON ITEMS NOT ON POSTED AGENDA UNLESS AN EMERGENCY, AS DEFINED IN GOVERNMENT CODE SECTION 54956.5 EXISTS OR UNLESS OTHER REQUIREMENTS OF GOVERNMENT CODE SECTION 54954.2(B) ARE MET.

5:00 PM

June 6, 2011

PLEDGE OF ALLEGIANCE

1. CALL TO ORDER AND ROLL CALL

- A** The meeting was called to order at _____ p.m. by _____ in the Las Virgenes Municipal Water District office and the Clerk of the Board called the roll.

<u>Triunfo Sanitation District</u>	<u>Present</u>	<u>Left</u>	<u>Absent</u>
Steven Iceland	_____	_____	_____
Michael McReynolds	_____	_____	_____
Janna Orkney	_____	_____	_____
Michael Paule, Chair	_____	_____	_____
James Wall	_____	_____	_____
<u>Las Virgenes Municipal Water District</u>			
Joseph Bowman	_____	_____	_____
Charles Caspary	_____	_____	_____
Glen Peterson	_____	_____	_____
Lee Renger, Vice Chair	_____	_____	_____
Barry Steinhardt	_____	_____	_____

2. APPROVAL OF AGENDA

- A** Moved by _____, seconded by _____, and _____, that the agenda for the June 6, 2011 meeting be approved as presented/amended.

3. PUBLIC COMMENTS

Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2

4. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A RWQCB Meeting Update

5. CONSENT CALENDAR

A Minutes: Regular meeting of May 2, 2011. Approve

6. ACTION ITEMS

A Future Joint Powers Authority Regular Meeting Dates

The Governing Board of the JPA to direct the Administering Agent/General Manager as to the meeting dates for July, August, and September 2011.

In observance of the Independence Day holiday, reschedule the July 5, 2011, JPA Regular Meeting to an alternate date or issue a cancellation notice due to lack of quorum; and opt to hold the August 1, 2011, JPA Regular Meeting or issue a cancellation notice due to lack of quorum; and in observance of the Labor Day holiday, reschedule the September 5, 2011, JPA Regular Meeting to an alternate date or issue a cancellation notice due to lack of quorum.

B Alternative Formulas for Setting LVMWD-TSD Joint Powers Authority Recycled Water Wholesale Rate

Provide direction to staff on the recycled water wholesale rates for FY2011-12.

C Preliminary JPA Budget for FY 2011/12

7. BOARD COMMENTS

8. FUTURE AGENDA ITEMS

9. INFORMATION ITEMS

A Call for Bids for Aluminum Sulfate

B Call for Bids for Sodium Bisulfite

C Comment Letter - SSS-WDRs Review and Update

D Ventura Regional Sanitation District Biosolids Facility -- Toland Odor Investigation

E Award of Bid: Annual Weed Abatement at Various Facilities

F Biosolids Alternative - Net Present Worth Analysis

G Consultant's Report - 3rd Quarter FY2010-11

H Tapia Water Reclamation Facility Gates and Drive Replacement - Approve Plans and Specifications and Call for Bids

10. CLOSED SESSION

11. ADJOURNMENT

**LAS VIRGENES - TRIUNFO
JOINT POWERS AUTHORITY
MINUTES**

5:00 PM

May 2, 2011

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the flag was led by Director Orkney.

1. CALL TO ORDER AND ROLL CALL

A Call to order and roll call.

The meeting was called to order at 5:07 p.m. by Chair Paule in the Oak Park Library. The Clerk of the Board called the roll. Those answering present were Directors Bowman, Caspary, Iceland, McReynolds, Orkney, Paule, Steinhardt and Wall. Absent: Director Peterson and Renger. The Chair declared a quorum.

2. APPROVAL OF AGENDA

A Approval of agenda.

On a motion by Director Steven Iceland, seconded by Director Barry Steinhardt, the Board of Directors voted 8-0 -2 to Approve the agenda as presented.

AYES: Director(s) Bowman , Caspary , Iceland , McReynolds , Orkney , Paule , Steinhardt , Wall

ABSENT: Director(s) Peterson , Renger

3. PUBLIC COMMENTS

Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2

One speaker card was received by Royce Siggard. He spoke about the upcoming Sustainable Earth Expo on April 20, 2012 in Thousand Oaks. Mr. Siggard invited the JPA to participate in the expo.

4. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A Joint Powers Authority Quarterly Financial Report at March 31, 2011 and Spotlight on Joint Powers Authority

Receive and file.

On a motion by Director Joseph Bowman, seconded by Director Steven Iceland, the Board of Directors voted 9-0 -1 to Approve the recommendation as presented. Director Renger arrived at 5:20 p.m. Director of Finance & Administration Hicks presented the

ITEM 5A

item and gave an overview of the Quarterly Financial Report.

AYES: Director(s) Bowman , Caspary , Iceland , McReynolds , Orkney , Paule , Renger , Steinhardt , Wall

ABSENT: Director(s) Peterson

B Overview of Potential Recycled Water Projects

Director of Facilities & Operations Lippman gave a presentation on the potential recycled water projects.

C Preliminary JPA Budget for FY 2011/12

The preliminary budget information is being provided to the Board for review and discussion. No action is recommended at this time.

Director of Finance & Administration Hicks gave a presentation on this item.

5. CONSENT CALENDAR

A Minutes: Regular meeting of April 4, 2011. Approve

On a motion by Director Charles Caspary, seconded by Director Michael McReynolds, the Board of Directors voted 7-0 -2 -1 to Approve the recommendation as presented.

AYES: Director(s) Bowman , Caspary , McReynolds , Orkney , Renger , Steinhardt , Wall

ABSTAIN: Director(s) Iceland , Paule

ABSENT: Director(s) Peterson

6. ACTION ITEMS

A Rancho Las Virgenes Compost Reactor Building Ceiling Repair - Approve Plans & Specifications and Call for Bids

Approve the plans and specifications for the Rancho Las Virgenes Compost Reactor Building Ceiling Repair, as prepared by Tectonics, and authorize a Call for Bids in accordance with the project specifications and the proposed Bid Schedule.

On a motion by Director Barry Steinhardt, seconded by Director Lee Renger, the Board of Directors voted 8-1 -1 to Approve the recommendation as presented. Administering Agent/General Manager Mundy corrected the dates on the Notice Inviting Sealed Proposals; proposals are due June 13, 2011, and prebid tour will be on May 25, 2011. A roll call vote was taken.

AYES: Director(s) Bowman , Caspary , Iceland , McReynolds , Orkney , Renger , Steinhardt , Wall

NOES: Director(s) Paule

ABSENT: Director(s) Peterson

7. BOARD COMMENTS

Director Caspary mentioned that Kern County may stop importing biosolids due to more stringent regulations in the future.

8. FUTURE AGENDA ITEMS

Administering Agent/General Manager Mundy added Composting Options and Budget Review and Approval as future agenda items.

9. INFORMATION ITEMS

A Rancho Las Virgenes Composting Facility Amendment Supply

Las Virgenes-Triunfo Joint Powers Authority approved funding for this matter in the Joint Powers Authority Budget. Las Virgenes board, as the administering agent, waived formal bidding requirements for amendment and authorized the General Manager/Administering Agent to issue a purchase order for amendment supply at the April 12, 2011, board meeting.

10. CLOSED SESSION

None.

11. ADJOURNMENT

The Chair declared the meeting adjourned at the hour of 8:08 p.m.

Michael Paule, Chair

ATTEST:

Lee Renger, Vice Chair

June 6, 2011 JPA Board Meeting

TO: JPA Board of Directors

FROM: General Manager

Subject: Future Joint Powers Authority Regular Meeting Dates

SUMMARY:

The first Mondays in both July and September 2011 are Regular Meeting dates of the Joint Powers Authority Board of Directors; and are also the official observance days for Independence Day and Labor Day respectively.

Historically, the Triunfo Sanitation District Board of Directors votes to cancel their August Regular Meeting; and when this action is taken by Triunfo, the Joint Powers Authority Board of Directors has opted to cancel their Regular Meeting scheduled for the first Monday of August.

The JPA Regular Meeting locations, which were set by Resolution, are as follows: July 2011: Oak Park Library; August 2011: Las Virgenes Board Room; and September 2011: Oak Park Library. Triunfo Sanitation District previously reserved the Oak Park Library for specific dates in 2011; and alternate dates are not always available due to scheduling conflicts.

RECOMMENDATION(S):

The Governing Board of the JPA to direct the Administering Agent/General Manager as to the meeting dates for July, August, and September 2011.

In observance of the Independence Day holiday, reschedule the July 5, 2011, JPA Regular Meeting to an alternate date or issue a cancellation notice due to lack of quorum; and opt to hold the August 1, 2011, JPA Regular Meeting or issue a cancellation notice due to lack of quorum; and in observance of the Labor Day holiday, reschedule the September 5, 2011, JPA Regular Meeting to an alternate date or issue a cancellation notice due to lack of quorum.

FINANCIAL IMPACT:

None.

Prepared By: John R. Mundy, General Manager

June 6, 2011 JPA Board Meeting

TO: JPA Board of Directors

FROM: Finance & Administration

Subject: Alternative Formulas for Setting LVMWD-TSD Joint Powers Authority Recycled Water Wholesale Rate

SUMMARY:

At the JPA Board meeting on May 2, 2011, the Board directed staff to consider alternative formulas for setting the JPA wholesale water rate charged to its customers, Las Virgenes Municipal Water District and Triunfo Sanitation District.

Staff has developed five alternative formulas that could be used as the basis for setting wholesale water rates, in addition to the current minimalist formula and a formula proposed by TSD board members at the last meeting. Staff has attempted to create formulas that are based on budget numbers that require one of the following:

- Board approval, such as administrative expenses or projected capital expenses, which are included in the annual JPA Infrastructure Investment Plan
- Recognized accounting expenses, such as depreciation expense, that is verified by an outside auditor in the JPA Comprehensive Annual Financial Report.
- Outside standards for recognized value of water, such as the LRP and the MWD supply cost of raw water.

Mike Hamilton, Financial Analyst, will make a presentation on the seven alternatives and will answer questions from the Board. After reviewing these alternatives at the Board meeting, staff requests that the Board provide direction on setting the recycled water wholesale rate for FY2011-12.

RECOMMENDATION(S):

Provide direction to staff on the recycled water wholesale rates for FY2011-12.

DISCUSSION:

The alternative formulas include the following:

1. The current formula which is based upon the costs to deliver of recycled water. For this discussion, this alternative represents the costs of operations.
2. Operations costs plus administrative costs related to recycled water delivery.
3. Operations costs and administrative costs plus the average CIP cost over ten years.
4. Operations costs and administrative costs plus depreciation costs of recycled water facilities.
5. Operations costs plus 25% (proposed by TSD) and administrative costs
6. Operations costs and administrative costs plus MWD's LRP rate for recycled water.
7. Operations costs and administrative costs plus MWD's supply cost for raw water.

The attached table shows what the rate per acre foot of recycled water would be based upon the seven alternative formulas. The table shows what the revenues and cost of recycled water would be to the two JPA partners based upon projected sales. Finally, the table compares the net cost or income for both LVMWD and TSD using the alternative formula and compares this to the budget net current costs to demonstrate the magnitude of change of net income or net cost for each alternative.

The original formula represents an outdated attitude toward recycled water production, when wastewater treated at sanitation facilities was considered effluent (i.e. a liability) that had no value and had to be

dumped as expeditiously as possible. Effluent became recycled water when it entered a delivery system to reach paying customers. Costs associated with treating wastewater were to remain as a sanitation expense, but the added cost of transporting this recycled water to customers could be recaptured by charging a fee to customers.

The other six alternatives recognize that there are other costs associated with recycled water production, such as administrative expenses, capital projects and the need for reserves to replace recycled water in the future (i.e. depreciation). Three of the alternatives include a measure for recognizing the value of the recycled water itself as an asset rather than the liability status of effluent.

Prepared By: Sandra Hicks, Director of Finance & Administration and Mike Hamilton, Financial Analyst

ATTACHMENTS:

[RW Wholesale Rate Options](#)

RW WHOLESale RATE OPTIONS									
Fiscal Year 2011-12									
	FY 2011-12 Budget	Ops + Admin	Ops + Admin + CIP 10 yr avg	Ops + Admin + Depreciation	Ops + Admin + 25%	Ops + Admin + LRP (\$154/AF)	Ops + Admin + MWD supply (\$104/AF)		
Operating costs	1,693,290	1,693,290	1,693,290	1,693,290	1,693,290	1,693,290	1,693,290	1,693,290	
Administration costs	-	98,252	98,252	98,252	98,252	98,252	98,252	98,252	
Optional: capital recovery; value of water		760,000	760,000	750,000	423,323	933,722	630,566		
Total estimated cost of RW for resale	\$ 1,693,290	\$ 1,791,542	\$ 2,551,542	\$ 2,541,542	\$ 2,214,865	\$ 2,725,264	\$ 2,422,108		
Estimated Deliveries (AF)	6,063	6,063	6,063	6,063	6,063	6,063	6,063	6,063	
Rate = \$/AF	\$ 289.62	\$ 301.34	\$ 426.69	\$ 425.04	\$ 371.16	\$ 455.34	\$ 405.34		
Deliveries to									
LVMWD (4,708 AF)	\$ 1,333,406	\$ 1,383,122	\$ 1,973,250	\$ 1,965,482	\$ 1,711,824	\$ 2,108,130	\$ 1,872,738		
TSD (1,355 AF)	\$ 392,519	\$ 408,403	\$ 578,289	\$ 576,052	\$ 503,029	\$ 617,118	\$ 549,353		
	\$ 1,725,925	\$ 1,791,525	\$ 2,551,539	\$ 2,541,535	\$ 2,214,853	\$ 2,725,248	\$ 2,422,091		
Revenue Share									
LVMWD (70.6%)	\$ 1,218,503	\$ 1,264,817	\$ 1,801,386	\$ 1,794,323	\$ 1,563,686	\$ 1,924,025	\$ 1,709,996		
TSD (29.4%)	\$ 507,422	\$ 526,708	\$ 750,152	\$ 747,211	\$ 651,167	\$ 801,223	\$ 712,095		
	\$ 1,725,925	\$ 1,791,525	\$ 2,551,538	\$ 2,541,534	\$ 2,214,853	\$ 2,725,248	\$ 2,422,091		
LVMWD RW purchases	\$ 1,333,406	\$ 1,383,122	\$ 1,973,250	\$ 1,965,482	\$ 1,711,824	\$ 2,108,130	\$ 1,872,738		
LVMWD RW revenue	\$ 1,218,503	\$ 1,264,817	\$ 1,801,386	\$ 1,794,323	\$ 1,563,686	\$ 1,924,025	\$ 1,709,996		
LVMWD net cost of RW for resale	\$ 114,903	\$ 118,305	\$ 171,864	\$ 171,159	\$ 148,138	\$ 184,105	\$ 162,742		
Budgeted net cost of RW for resale	\$ 114,903	\$ 114,903	\$ 114,903	\$ 114,903	\$ 114,903	\$ 114,903	\$ 114,903		
Increase in net cost due to revised rate	\$ (0)	\$ 3,402	\$ 56,961	\$ 56,256	\$ 33,235	\$ 69,202	\$ 47,839		
TSD RW purchases	\$ 392,519	\$ 408,403	\$ 578,289	\$ 576,052	\$ 503,029	\$ 617,118	\$ 549,353		
TSD RW revenue	\$ 507,422	\$ 526,708	\$ 750,152	\$ 747,211	\$ 651,167	\$ 801,223	\$ 712,095		
TSD net cost (income) of RW for resale	\$ (114,903)	\$ (118,305)	\$ (171,863)	\$ (171,159)	\$ (148,138)	\$ (184,105)	\$ (162,742)		
Budgeted net cost (Income) of RW for resale	\$ (114,903)	\$ (114,903)	\$ (114,903)	\$ (114,903)	\$ (114,903)	\$ (114,903)	\$ (114,903)		
Increase in net cost (Income) due to revised rate	\$ 0	\$ (3,402)	\$ (56,960)	\$ (56,256)	\$ (33,235)	\$ (69,202)	\$ (47,839)		

June 6, 2011 JPA Board Meeting

TO: JPA Board of Directors

FROM: Finance & Administration

Subject: Preliminary JPA Budget for FY 2011/12

SUMMARY:

The Boards reviewed the preliminary budget at the regular meeting on May 2, 2011. At that meeting, the Boards requested alternative formulas for setting the wholesale rate for recycled water. Those alternatives will be presented at the June 6, 2011 meeting and if a new formula is selected, then allocations in the proposed budget will change. For this reason, staff is delaying presentation of the proposed JPA budget until July 2011 so that the budget can reflect the changes that may be instituted.

The preliminary budget was included in the agenda package for May 2 and an updated copy is included herein.

Staff does not anticipate that there will be any changes to the expenses in the proposed budget in July, so that review of this preliminary budget will be a basis for approving the proposed budget when it is received.

Staff will be prepared to answer questions the Board may have at the June 6 meeting.

Prepared By: Sandra Schmidt and Mike Hamilton

ATTACHMENTS:

[Prelim Budget 2011/12](#)

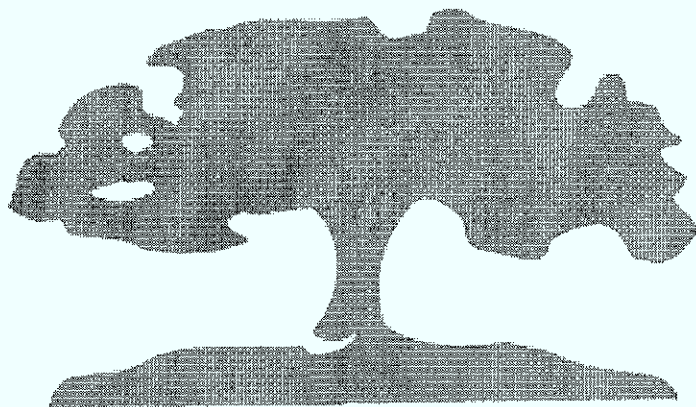


Las Virgenes – Triunfo Joint Powers Authority

Proposed Budget

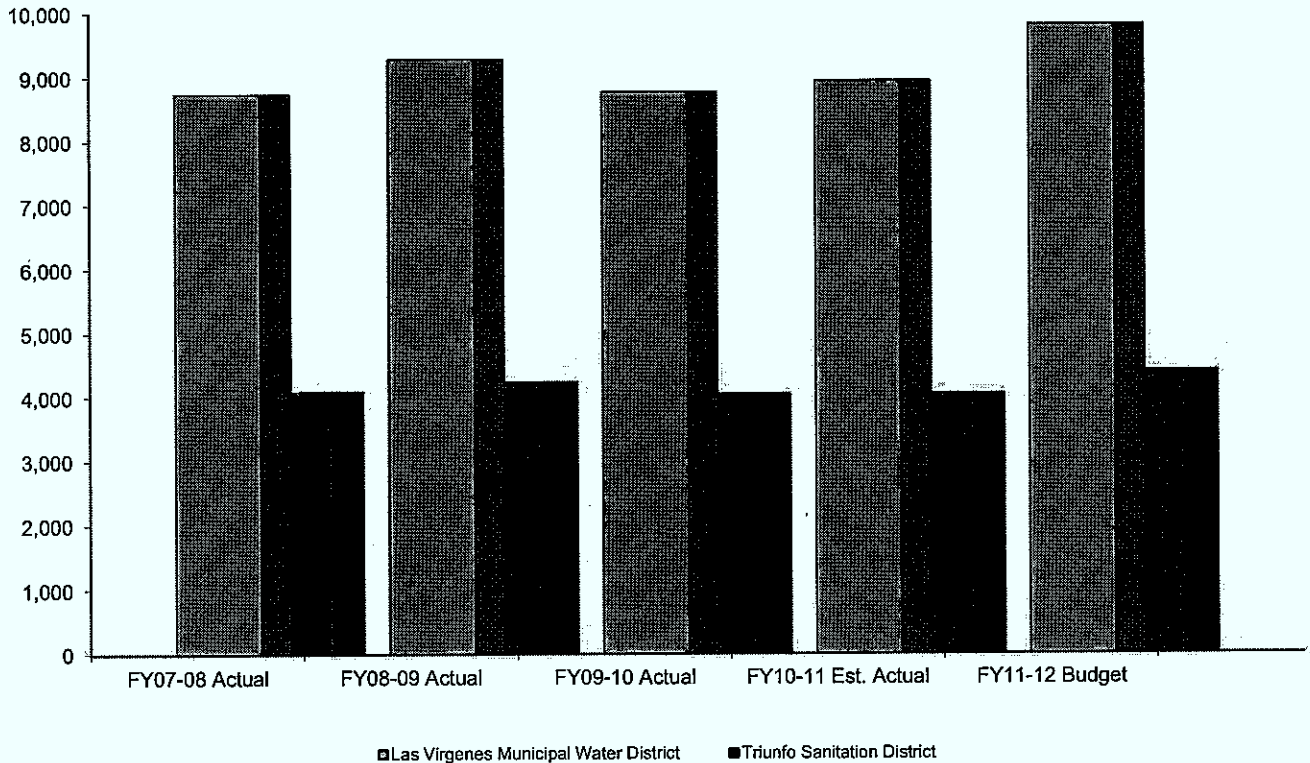
FY 2011-12

June 6, 2011



**Las Virgenes - Triunfo
Joint Powers Authority
Allocated Net Expense Summary
(Dollars in Thousands)**

	FY07-08 Actual	FY08-09 Actual	FY09-10 Actual	FY10-11 Est. Actual	FY11-12 Budget
JPA Revenues	1,734	1,428	1,865	1,898	1,901
JPA Expenses	14,702	15,036	14,726	14,929	16,136
Net Operating Expense	12,968	13,608	12,861	13,031	14,235
Non-Operating Revenue	130	82	43	36	20
Net Expenses	12,838	13,526	12,818	12,995	14,215
Las Virgenes Municipal Water District	8,737	9,279	8,764	8,935	9,807
Triunfo Sanitation District	4,101	4,247	4,054	4,060	4,408
Total Allocated Expenses	12,838	13,526	12,818	12,995	14,215



**PROJECTION FOR 2011-12 FISCAL YEAR
ALLOCATION OF JOINT POWERS EXPENSES TO PARTICIPANTS**

EXPENSES (REVENUES)	JPA EXPENSES BY ALLOCATION GROUPS					
	A	B	C	D	E	TOTAL
SEWER EXPENSE	335,880	0	0	0	0	335,880
TREATMENT RECLAMATION	0	4,942,676	3,122,423	0	0	8,065,099
TREATMENT COMPOSTING	0	3,101,458	1,767,099	0	0	4,868,557
TREATMENT INJECTION	0	101,662	131,415	0	0	233,077
PUMP STATIONS	0	1,429,393	0	0	0	1,429,393
TANKS/RESERVOIR WELLS	0	93,693	0	0	0	93,693
SYSTEM OPERATION	0	51,080	0	0	0	51,080
WATER SYSTEM	0	119,124	0	0	0	119,124
ADMINISTRATIVE EXPENSES	0	927,568	0	8,720	0	936,288
TAPIA WAREHOUSE	0	4,000	0	0	0	4,000
REVENUES	0	(1,901,225)	0	0	(20,000)	(1,921,225)
TOTAL EXPENSES	335,880	8,869,429	5,020,937	8,720	(20,000)	14,214,966

PARTICIPANTS SHARE	ALLOCATION OF EACH GROUP TO PARTICIPANTS											
	A		B		C		D		E		TOTAL	
	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$
U-1 SANITATION DISTRICT	36.3%	121,924	53.1%	4,709,667	49.0%	2,460,259	25.0%	2,180	79.2%	(15,848)	51.2%	7,278,182
U-2 SANITATION DISTRICT	3.1%	10,412	17.5%	1,552,150	19.2%	964,020	25.0%	2,180	0.0%	0	17.8%	2,528,762
TOTAL LVMWD	39.4%	132,336	70.6%	6,261,817	68.2%	3,424,279	50.0%	4,360	79.2%	(15,848)	69.0%	9,806,944
TRIUNFO SANITATION DISTRICT	60.6%	203,544	29.4%	2,607,612	31.7%	1,596,658	50.0%	4,360	20.8%	(4,152)	31.0%	4,408,022
TOTAL ALLOCATION	100.0%	335,880	100.0%	8,869,429	99.9%	5,020,937	100.0%	8,720	100.0%	(20,000)	100.0%	14,214,966

GROUP

- A** Basis of allocation to each participant is participant's reserve capacity rights in the trunk sewer.
- B** Basis of allocation to each participant is participant's reserve capacity rights in the treatment plant and reclaimed water system.
- C** Basis of allocation to each participant is participant's flow into the treatment plant.
- D** Each participant is allocated an equal share.
- E** Basis of allocation is each participant's average monthly cash balance.

**ESTIMATED ACTUAL FOR 2010-11 FISCAL YEAR
ALLOCATION OF JOINT POWERS EXPENSES TO PARTICIPANTS**

EXPENSES (REVENUES)	JPA EXPENSES BY ALLOCATION GROUPS					
SEWER EXPENSE	256,954	0	0	0	0	256,954
TREATMENT RECLAMATION	0	4,621,068	2,786,130	0	0	7,407,198
TREATMENT COMPOSTING	0	2,890,554	1,664,235	0	0	4,554,789
TREATMENT INJECTION	0	97,141	106,764	0	0	203,905
PUMP STATIONS	0	1,269,823	0	0	0	1,269,823
TANKS/RESERVOIR WELLS	0	89,806	0	0	0	89,806
SYSTEM OPERATION	0	35,067	0	0	0	35,067
WATER SYSTEM	0	174,098	0	0	0	174,098
ADMINISTRATIVE EXPENSES	0	926,103	0	8,545	0	934,648
TAPIA WAREHOUSE	0	3,000	0	0	0	3,000
REVENUES	0	(1,897,978)	0	0	(36,000)	(1,933,978)
TOTAL EXPENSES	256,954	8,208,682	4,557,129	8,545	(36,000)	12,995,310
	A	B	C	D	E	TOTAL

PARTICIPANTS SHARE	ALLOCATION OF EACH GROUP TO PARTICIPANTS											
	%	\$	%	\$	%	\$	%	\$	%	\$		
U-1 SANITATION DISTRICT	36.3%	93,274	53.1%	4,358,810	47.8%	2,178,308	25.0%	2,136	79.2%	(28,526)	50.8%	6,604,002
U-2 SANITATION DISTRICT	3.1%	7,966	17.5%	1,436,519	19.4%	884,083	25.0%	2,136	0.0%	0	17.9%	2,330,704
LVMWD	39.4%	101,240	70.6%	5,795,329	67.2%	3,062,391	50.0%	4,272	79.2%	(28,526)	68.8%	8,934,706
TRIUNFO SANITATION DISTRICT	60.6%	155,714	29.4%	2,413,353	32.8%	1,494,738	50.0%	4,273	20.8%	(7,474)	31.2%	4,060,604
TOTAL ALLOCATION	100.0%	256,954	100.0%	8,208,682	100.0%	4,557,129	100.0%	8,545	100.0%	(36,000)	100.0%	12,995,310
	A		B		C		D		E		TOTAL	

GROUP

- A** Basis of allocation to each participant is participant's reserve capacity rights in the trunk sewer.
- B** Basis of allocation to each participant is participant's reserve capacity rights in the treatment plant and reclaimed water system.
- C** Basis of allocation to each participant is participant's flow into the treatment plant.
- D** Each participant is allocated an equal share.
- E** Basis of allocation is each participant's average monthly cash balance.

JOINT POWERS AUTHORITY
 PARTICIPANT SEWAGE FLOWS and EXPENSE ALLOCATION
 FY 2011-12

PARTICIPANT	PROJECTED SEWAGE FLOWS			ALLOCATION OF TOTAL EXPENSES TO PARTICIPANTS			PROJECTED ERUs	
	MILLION GALLONS PER DAY (MGD)	MILLION GALLONS PER YEAR (MG)	PERCENT BASED ON FLOWS	TOTAL EXP	\$ PER MG	%	PROJECTED NUMBER OF ERUs	GPD PER ERU
	(A)	(B)	(C)	(D)	(D)/(B)		(E)	(A)/(E)
U-1 SANITATION DISTRICT	3.95	1,443	49.0%	7,278,182	5,044	51.2%	18,426	215
U-2 SANITATION DISTRICT	1.55	566	19.2%	2,528,762	4,468	17.8%	7,015	221
LVMWD	5.50	2,009	68.2%	9,806,944	4,882	69.0%	25,441	216
TRIUNFO SANITATION DISTRICT	2.56	934	31.7%	4,408,022	4,720	31.0%	12,230	209
TOTAL ALL PARTICIPANTS	8.06	2,943	99.9%	14,214,966 *	4,830	100.0%	37,671	214
RETURN FLOWS	0.94	344						
WESTLAKE WELLS	0.24	87						
	9.24	3,374						

* Total expenses allocated is net of non-operating interest income.

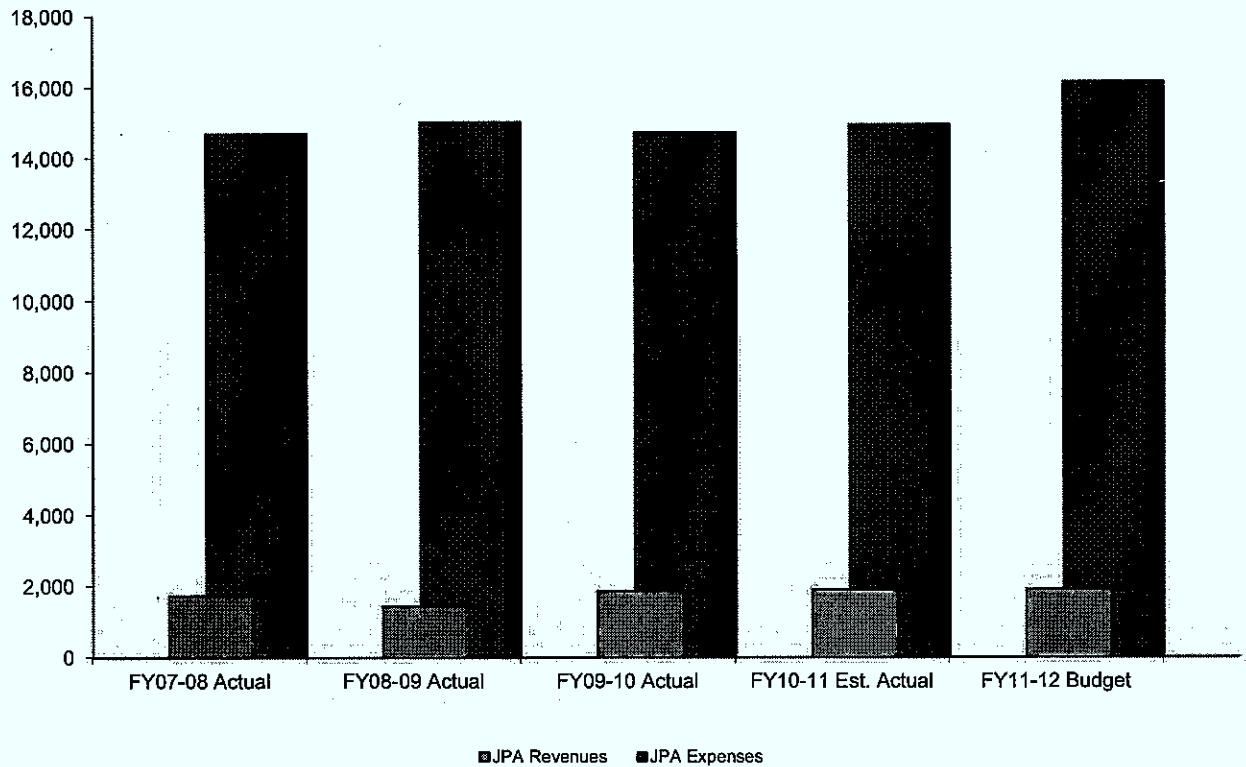
JOINT POWERS AUTHORITY
 PARTICIPANT SEWAGE FLOWS and EXPENSE ALLOCATION
 ESTIMATED ACTUAL FY 2010-11

PARTICIPANT	PROJECTED SEWAGE FLOWS			ALLOCATION OF TOTAL EXPENSES TO PARTICIPANTS			ESTIMATED ERUs	
	MILLION GALLONS PER DAY (MGD)	MILLION GALLONS PER YEAR (MG)	PERCENT BASED ON FLOWS	TOTAL EXP	\$ PER MG	%	ESTIMATED NUMBER OF ERUs	GPD PER ERU
	(A)	(B)	(C)	(D)	(D)/(B)		(E)	(A)/(E)
U-1 SANITATION DISTRICT	3.83	1,398	47.8%	6,604,002	4,724	50.8%	18,408	208
U-2 SANITATION DISTRICT	1.55	567	19.4%	2,330,704	4,109	17.9%	6,991	222
LVMWD	5.38	1,965	67.2%	8,934,706	4,547	68.7%	25,399	212
TRIUNFO SANITATION DISTRICT	2.63	960	32.8%	4,060,604	4,231	31.3%	12,063	218
TOTAL ALL PARTICIPANTS	8.01	2,925	100.0%	12,995,310 *	4,443	100.0%	37,462	214
RETURN FLOWS	0.98	357						
WESTLAKE WELLS	0.21	78						
	9.21	3,360						

* Total expenses allocated is net of non-operating interest income.

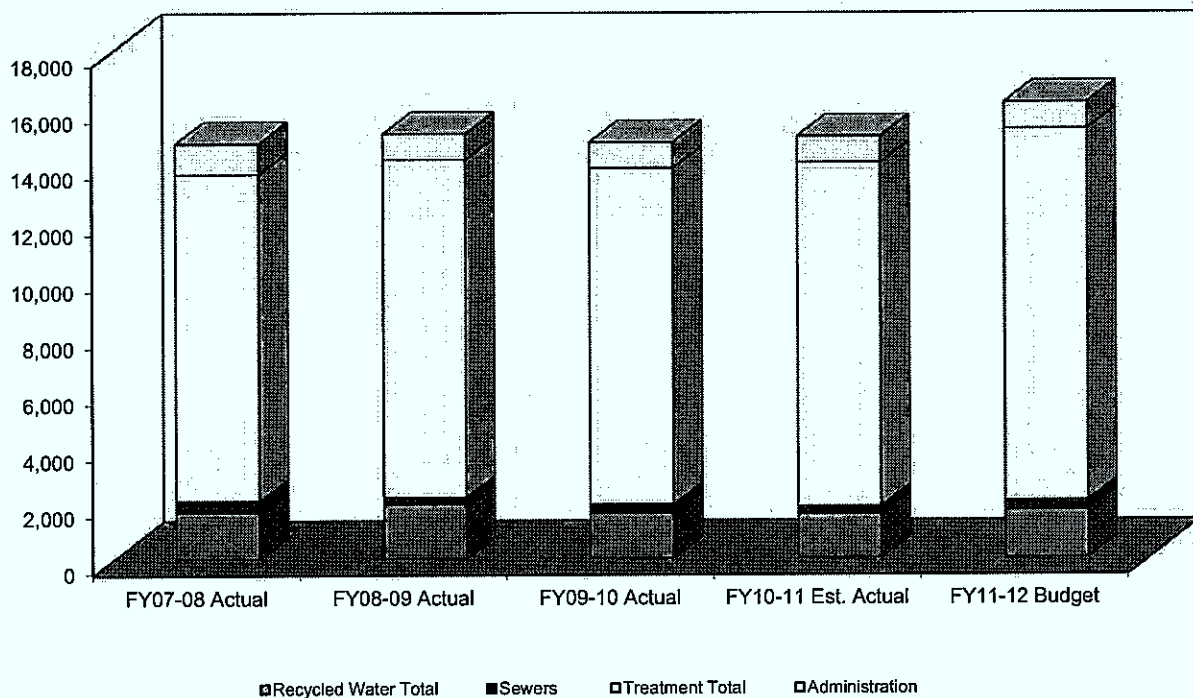
**Las Virgenes - Triunfo
Joint Powers Authority
Operations Summary
(Dollars in Thousands)**

	FY07-08 Actual	FY08-09 Actual	FY09-10 Actual	FY10-11 Est. Actual	FY11-12 Budget
JPA Revenues	1,734	1,428	1,865	1,898	1,901
JPA Expenses	14,702	15,036	14,726	14,929	16,136
Net Operating Expense	12,968	13,608	12,861	13,031	14,235



**Las Virgenes - Triunfo
Joint Powers Authority
Operating Expense Summary
(Dollars in Thousands)**

	FY07-08 Actual	FY08-09 Actual	FY09-10 Actual	FY10-11 Est. Actual	FY11-12 Budget
Pump Stations	1,283	1,317	1,248	1,270	1,429
Tank, Res, Wells	150	305	266	90	94
System Ops	80	133	67	35	51
Distribution	146	160	28	174	119
Recycled Water Total	1,659	1,915	1,609	1,569	1,693
Sewers	391	259	293	257	336
Reclamation	7,320	7,151	7,158	7,407	8,065
Composting	4,118	4,642	4,529	4,555	4,869
Injection and Centrate Equal.	124	153	215	204	233
Treatment Total	11,562	11,946	11,902	12,166	13,167
Administration	1,090	916	922	937	940
Total JPA Operations	14,702	15,036	14,726	14,929	16,136



**Las Virgenes - Triunfo
Joint Powers Authority
Operations Summary**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget
OPERATING REVENUES						
4235 RW Sales - LVMWD	\$1,180,729	\$992,244	\$1,237,285	\$1,351,403	\$1,310,428	\$1,333,406
4240 RW Sales - TSD	391,232	267,256	411,782	396,200	402,650	392,519
4245 MWD Incentive - Local Projects	71,887	107,800	143,651	107,800	107,800	107,800
4505 Other Income from Operations	55,462	57,330	58,409	56,855	58,900	60,000
4510 Compost Sales	17,496	3,847	14,177	5,000	18,200	7,500
4417 Prop 13 Urban Runoff Reduction	2,716	0	0	0	0	0
4420 Prop 13 Watershed Monitoring	14,701	0	0	0	0	0
TOTAL OPERATING REVENUES	\$1,734,223	\$1,428,477	\$1,865,304	\$1,917,258	\$1,897,978	\$1,901,225
SOURCE OF SUPPLY						
5115 Purchased Water - Potable Suppl	1,600	103,800	67,000	0	0	0
OPERATIONS DIVISION EXPENSE						
5400 Labor	1,523,703	1,946,503	1,974,627	2,049,282	1,949,408	1,926,647
5405.1 Electricity	2,288,156	2,246,860	2,226,009	2,299,010	2,462,121	2,603,388
5405.2 Telephone	24,162	24,857	26,447	28,310	26,214	26,875
5405.3 Natural Gas	12,620	12,395	11,733	13,000	10,417	13,000
5405.4 Water	25,952	30,882	12,391	18,740	11,920	14,740
5410 Supplies/Material	52,199	62,285	104,683	59,500	81,573	85,500
5410.1 Fuel	21,628	8,917	9,998	12,000	10,282	11,500
5410.5 Ferric Chloride	65,872	90,054	75,340	80,000	107,000	90,000
5410.6 Defoamer/Deodorant	5,087	0	5,607	0	33,600	56,000
5410.7 Polymer	204,921	200,824	125,416	192,000	123,000	130,000
5410.8 Amendment	225,565	203,034	166,720	210,000	252,044	160,000
5410.9 Alum	19,105	25,773	25,561	30,000	39,211	32,000
5410.10 Sodium Hypochlorite	291,620	349,984	313,167	375,000	265,000	325,000
5410.11 Sodium Bisulfite	114,400	250,305	244,391	250,000	185,000	250,000
5415 Outside Services	65,802	56,617	55,887	78,500	31,100	218,500
5417 Odor Control	112,290	117,180	106,341	135,000	105,901	121,000
5420 Permits and Fee	122,817	97,870	106,494	106,430	132,083	113,300
5425 Consulting Services	36,935	29,646	16,684	25,000	25,000	15,000
5430 Capital Outlay	49,850	46,181	85,853	70,000	62,541	30,000
Sub-total	\$5,262,684	\$5,800,167	\$5,693,349	\$6,031,772	\$5,913,415	\$6,222,450
MAINTENANCE DIVISION EXPENSE						
5500 Labor	926,020	1,063,074	1,333,926	1,297,843	1,224,339	1,256,961
5510 Supplies/Material	375,496	447,773	322,889	341,500	279,205	349,000
5515 Outside Services	444,910	421,652	286,583	432,000	255,148	389,000
5518 Building Maintenance	140,598	123,988	133,027	127,500	109,000	110,000
5520 Permits and Fee	0	404	404	500	425	1,000
5525 Consulting Services	0	23,530	0	0	18,760	20,000
5530 Capital Outlay	100,308	48,952	0	105,000	0	0
Sub-total	\$1,987,332	\$2,129,373	\$2,076,829	\$2,304,343	\$1,886,877	\$2,125,961
INVENTORY EXPENSES						
5536 Inventory Adjustment	(2,212)	4,023	2,469	4,000	3,000	4,000
PUBLIC INFORMATION						
6602 School Education Program	482	2,048	2,798	5,230	7,576	6,865
6604 Public Education Program	14,756	21,913	24,397	48,921	46,065	51,659
6606 Community Group Outreach	5,530	1,369	2,679	18,023	17,472	17,399
6608 Intergovernmental Coordination	4,209	8,345	14,691	34,272	16,555	35,558
Sub-total	\$24,977	\$33,675	\$44,565	\$106,446	\$87,668	\$111,481
RESOURCE CONSERVATION						
6786 Private Sprayfield	381,231	0	0	0	0	0
6787 Incentive Program	121,873	0	0	0	0	0
6788 District Sprayfield	271,493	260,797	261,642	297,234	238,234	283,663
6789 005 Discharge	14,951	41,827	36,509	45,000	45,000	55,000
6785 Watershed Programs	77,872	39,021	61,373	55,276	67,448	84,008
Sub-total	\$867,420	\$341,645	\$359,524	\$397,510	\$350,682	\$422,671

**Las Virgenes - Triunfo
Joint Powers Authority
Operations Summary**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget
SPECIALTY EXPENSES						
5700 SCADA Services	62,079	53,638	86,081	116,412	85,886	105,134
5710.2 Technical Services	872	7,152	4,712	3,614	1,131	2,256
5712 Compost Sales/Use Tax	4,926	12,772	6,071	4,000	4,000	4,000
5715.2 Other Lab Services	139,299	160,955	158,312	143,200	141,700	143,200
5715.3 Tapia Lab Sampling	76,530	93,321	113,453	97,196	107,915	114,767
7202 Allocated Lab Expense	337,183	357,998	362,454	387,222	378,526	405,383
Sub-total	\$620,889	\$685,836	\$731,083	\$751,644	\$719,158	\$774,740
ADMINISTRATIVE EXPENSES						
6872 Litigation/Outside Services	7,474	6,184	0	0	0	0
6516 Other Professional Services	119,299	115,661	115,317	0	0	0
6517 Audit Fees	4,100	4,265	4,435	8,545	8,545	8,720
7110 Travel/Misc Staff Expense	30	0	20	0	0	0
7135 General Insurance	190,905	171,829	0	0	0	0
7135.1 Property Insurance	0	0	71,381	72,100	71,307	73,300
7135.4 Earthquake Insurance	0	0	93,471	95,600	89,903	90,700
7153 TSD Staff Services	0	0	0	0	0	5,000
6260 Rental Charge - Facility Repl	446,205	392,306	356,749	382,279	382,279	363,375
7203 Allocated Building Maint	146,815	98,825	80,441	104,549	88,804	87,329
7225 Allocated Support Services	3,257,503	3,553,336	3,607,349	3,918,356	3,773,472	4,049,375
7226 Allocated Operations Services	1,767,267	1,595,439	1,422,561	1,798,467	1,554,178	1,797,089
Sub-total	\$5,939,598	\$5,937,845	\$5,751,724	\$6,379,896	\$5,968,488	\$6,474,888
TOTAL EXPENSES	\$14,702,288	\$15,036,364	\$14,726,543	\$15,975,611	\$14,929,288	\$16,136,191
NET OPERATING EXPENSE	\$12,968,065	\$13,607,887	\$12,861,239	\$14,058,353	\$13,031,310	\$14,234,966

RW WHOLESALE RATE COMPUTATIONS

FY 2011-12 Budgeted Costs	Total Cost	Base Cost	Add'l Pumping	East-West Cost
Pump Stations	1,429,393	570,535	858,858	
Reservoirs	93,693	93,693		
System Operations	51,080	51,080		
Distribution	119,124	119,124		
Total Cost	\$ 1,693,290	\$ 834,432	\$ 858,858	
Costs per Acre Foot		\$ 137.62	\$ 147.51	\$ 285.13

FY 2011-12 Estimated Deliveries (avg. prior 3 years)

	Acre Feet	Rate	
LV Valley	240.92	\$ 164.77 /AF	\$ 39,696.39
LVMWD East	1,835.36	\$ 289.62 /AF	\$ 531,556.96
LVMWD West	2,631.56	\$ 289.62 /AF	\$ 762,152.41
Total LVMWD	4,707.84		\$ 1,333,405.76
TSD	1,355.29	\$ 289.62 /AF	\$ 392,519.09
	6,063.13		\$ 1,725,924.85

RW WHOLESALE COMPUTATIONS

FY 2010-11 Estimated Actual Costs	Total Cost	Base Cost	Add'l Pumping	East-West Cost
Pump Stations	1,269,823	529,428	740,395	
Reservoirs	89,806	89,806		
System Operations	35,067	35,067		
Distribution	174,098	174,098		
Total Cost	\$ 1,568,794	\$ 828,399		

Costs per Acre Foot	\$ 137.88	\$ 127.83	\$ 265.71
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FY 2010-11 Estimated Deliveries

	Acre Feet	Rate	
LV Valley	216	\$ 164.77 /AF	\$ 35,552.42
LVMWD East	1,923	\$ 289.62 /AF	\$ 556,800.24
LVMWD West	2,479	\$ 289.62 /AF	\$ 718,075.14
Total LVMWD	4,618		\$ 1,310,427.80
TSD	1,390	\$ 289.62 /AF	\$ 402,650.00
	6,008		\$ 1,713,077.80

JOINT POWERS AUTHORITY

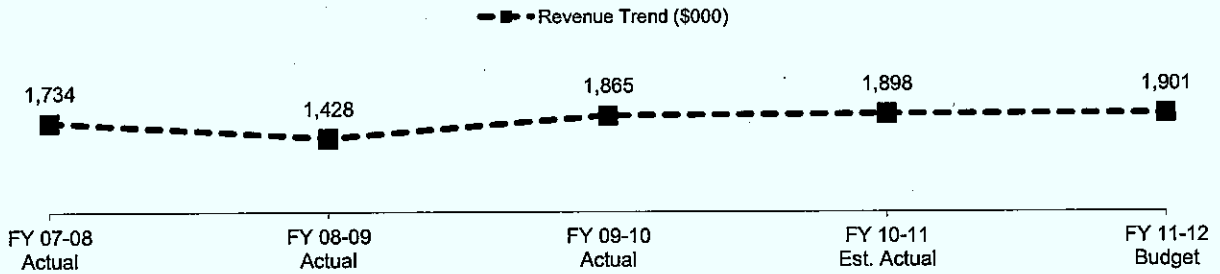
Operating Revenues – 751000

LINE ITEM EXPLANATIONS

- 4235 Recycled Water Sales - LVMWD – Wholesale recycled water sales to Las Virgenes Municipal Water District (4,708 af). Wholesale rates are set to recover the costs of operating the Recycled Water backbone distribution system. Annual sales to each JPA partner is projected using the prior 3 years average purchases by each JPA partner and adjusted as necessary for weather and outage conditions.
- 4240 Recycled Water Sales - TSD – Wholesale recycled water sales to Triunfo Sanitation District (1,355 af).
- 4245 MWD Incentive Local Projects – Funding from Metropolitan Water District to encourage reduction of potable water demand up to 700 af per year at \$154/af.
- 4505 Other Income from Operations – Primarily rental of tank sites to cellular telephone providers.
- 4510 Compost Sales – Commercial sales of compost produced at the Rancho Las Virgenes Composting Facility.
- 4417 Prop 13 Urban Runoff Reduction – State grant funds for managing the Malibu Creek Runoff Control Project. This activity has been moved to Potable Water.
- 4420 Prop 13 Watershed Monitoring – State of California grant funding for watershed management in the Malibu Creek watershed.

**Las Virgenes - Triunfo
Joint Powers Authority
Operating Revenues**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget
OPERATING REVENUES						
4235 RW Sales - LVMWD	\$1,180,729	\$992,244	\$1,237,285	\$1,351,403	\$1,310,428	\$1,333,406
4240 RW Sales - TSD	391,232	267,256	411,782	396,200	402,650	392,519
4245 MWD Incentive - Local Projects	71,887	107,800	143,651	107,800	107,800	107,800
4505 Other Income from Operations	55,462	57,330	58,409	56,855	58,900	60,000
4510 Compost Sales	17,496	3,847	14,177	5,000	18,200	7,500
4417 Prop 13 Urban Runoff Reduction	2,716	0	0	0	0	0
4420 Prop 13 Watershed Monitoring	14,701	0	0	0	0	0
TOTAL OPERATING REVENUES	\$1,734,223	\$1,428,477	\$1,865,304	\$1,917,258	\$1,897,978	\$1,901,225



JOINT POWERS AUTHORITY

RW Pump Stations – 751100

FUNCTION

To provide appropriate training, operating, preventive maintenance and maintenance and repair programs to preserve Joint Powers Authority (JPA) assets and to ensure the Effluent, East and West recycled water pump stations are operated and maintained safely, efficiently and cost-effectively to supply adequate water throughout the recycled water distribution system.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY11-12.

OPERATING EXPENSE LINE ITEM EXPLANATIONS

5400 Labor – Primarily labor hours worked by Water Treatment and Production and Water Reclamation personnel to operate and provide preventive maintenance to equipment and facilities at the various Joint Powers Authority pump stations.

5405.1 Energy – Energy costs for recycled water pump stations.

5410 Supplies/Materials – Funds to purchase supplies and materials used during annual preventive maintenance on JPA RW pump control valves.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

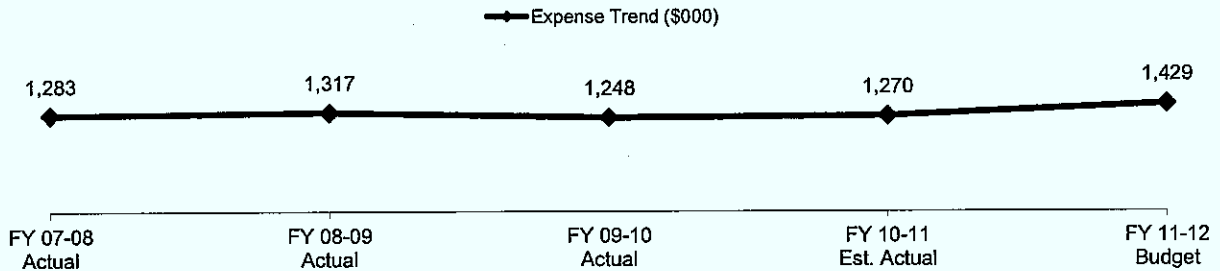
5500 Labor – Primarily labor hours worked by Maintenance Section personnel to perform major maintenance and repair tasks to pumps, motors, and other equipment at Joint Powers Authority (JPA) recycled water pump stations.

5510 Supplies/Materials – Funds to purchase supplies and materials used by staff for maintenance of JPA recycled water pump stations.

5515 Outside Services – Funds to hire any maintenance providers required to assist in maintaining the JPA recycled water pump stations.

**Las Virgenes - Triunfo
Joint Powers Authority
RW Pump Stations - 751100**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget
OPERATIONS DIVISION EXPENSE						
5400 Labor	\$37,892	\$70,220	\$48,111	\$56,355	\$33,373	\$29,426
5405.1 Electricity	1,090,041	1,065,993	1,017,989	1,048,750	1,078,011	1,250,000
5405.2 Telephone	53	0	0	0	0	0
5405.4 Water	294	74	0	0	0	0
5410 Supplies/Material	6,738	18,341	15,943	11,500	11,380	11,500
Sub-total	\$1,135,018	\$1,154,628	\$1,082,043	\$1,116,605	\$1,122,764	\$1,290,926
MAINTENANCE DIVISION EXPENSE						
5500 Labor	10,723	15,603	32,347	24,319	38,459	31,561
5510 Supplies/Material	488	8,020	1,814	2,500	1,825	2,500
5515 Outside Services	576	0	17,348	0	0	0
5530 Capital Outlay	38,380	0	0	0	0	0
Sub-total	\$50,167	\$23,623	\$51,509	\$26,819	\$40,284	\$34,061
ADMINISTRATIVE EXPENSES						
7225 Allocated Support Services	63,448	95,515	82,238	89,858	75,627	72,314
7226 Allocated Operations Services	34,422	42,886	32,431	41,242	31,148	32,092
Sub-total	\$97,870	\$138,401	\$114,669	\$131,100	\$106,775	\$104,406
TOTAL EXPENSES	\$1,283,055	\$1,316,652	\$1,248,221	\$1,274,524	\$1,269,823	\$1,429,393



JOINT POWERS AUTHORITY

RW Tanks, Reservoirs and Wells – 751200

FUNCTION

To provide appropriate training, operating, preventive maintenance and maintenance and repair programs on a timely basis to preserve Joint Powers Authority (JPA) assets and to ensure Joint Powers Authority tanks, reservoirs, and wells are operated safely, efficiently and cost-effectively to provide adequate storage for daily and emergency uses of recycled water.

SIGNIFICANT CHANGES

The pumps at both Westlake Well #1 and #2 have been replaced with energy efficient ones. Budgeted energy costs have been reduced to reflect these improvements

SOURCE OF SUPPLY

5115 Purchased Water – Potable water supplement required in the Joint Powers Authority distribution system for maintenance needs.

OPERATING EXPENSE LINE ITEM EXPLANATIONS

5400 Labor – Funds for labor hours worked by Water Treatment and Production employees and Water Reclamation staff to operate and provide preventive maintenance at recycled water storage tanks and reservoirs and at well sites used to supplement inflow to Tapia WRF.

5405.1 Electricity – Funds for electrical energy used to power equipment at Cordillera Tank and to operate Westlake Wells 1 and 2.

5405.2 Telephone – Funds for a SCADA communications used at Cordillera Tank site.

5410 Supplies and Material – Funds miscellaneous supplies and materials for system operation.

5415 Outside Services – Funds to hire appropriate outside service providers to assist with the annual cleaning of Cordillera, Indian Hills and Reservoir 3 to maintain the quality of the water within the recycled water distribution system.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

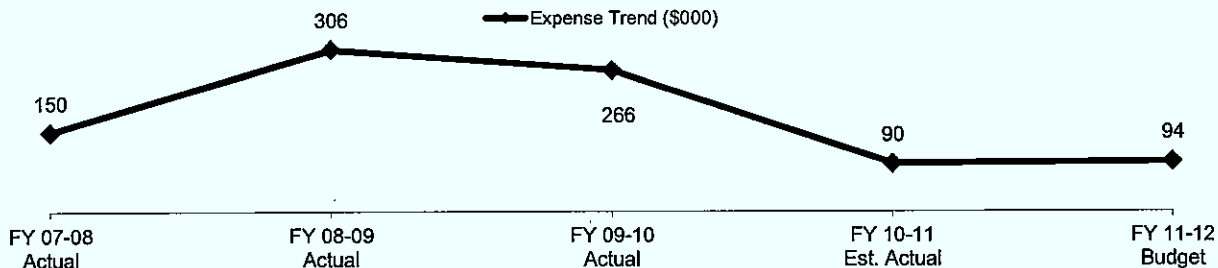
5500 Labor – Primarily labor hours worked by Maintenance Section personnel to provide maintenance.

5510 Supplies/Materials – Items required by staff to maintain the tanks, reservoirs and wells in the recycled water system.

5515 Outside Services – Funds to hire any maintenance providers required to assist in maintaining the sites, such as fence repair.

**Las Virgenes - Triunfo
Joint Powers Authority
RW Tanks, Reservoirs and Wells - 751200**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget
SOURCE OF SUPPLY						
5115 Purchased Water - Potable Suppl	\$1,600	\$103,800	\$67,000	\$0	0	\$0
OPERATIONS DIVISION EXPENSE						
5400 Labor	24,309	38,827	37,630	42,059	17,169	9,665
5405.1 Electricity	49,155	41,979	34,059	45,000	37,000	45,000
5405.2 Telephone	249	290	327	310	352	375
5410 Supplies/Material	3,117	180	16,983	1,000	350	1,000
5415 Outside Services	10,472	5,515	10,305	8,500	5,500	8,500
5420 Permits and Fee	230	230	100	230	230	100
5425 Consulting Services	0	0	7,701	0	0	0
Sub-total	\$87,532	\$87,021	\$107,105	\$97,099	\$60,601	\$64,640
MAINTENANCE DIVISION EXPENSE						
5500 Labor	3,155	7,020	10,190	2,400	215	3,531
5510 Supplies/Material	3,563	3,491	7,012	1,000	680	1,000
5515 Outside Services	0	31,681	88	500	360	500
Sub-total	\$6,718	\$42,192	\$17,290	\$3,900	\$1,255	\$5,031
SPECIALTY EXPENSES						
5710.2 Technical Services	0	0	1,884	0	0	0
Sub-total	\$0	\$0	\$1,884	\$0	\$0	\$0
ADMINISTRATIVE EXPENSES						
7225 Allocated Support Services	35,012	50,043	52,420	53,143	19,797	16,639
7226 Allocated Operations Services	18,995	22,469	20,670	24,394	8,153	7,383
Sub-total	\$54,007	\$72,512	\$73,090	\$77,537	\$27,950	\$24,022
TOTAL EXPENSES	\$149,857	\$305,525	\$266,369	\$178,536	\$89,806	\$93,693



JOINT POWERS AUTHORITY

RW System Operation – 751300

FUNCTION

To provide appropriate training, operating, preventive maintenance, and maintenance and repair programs to ensure preservation of district assets and proper operation of the recycled water distribution system, including water quality review, operation of Supervisory Control and Data Acquisition (SCADA) systems, water usage data collection and storage and other necessary programs.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY11-12.

OPERATING EXPENSE LINE ITEM EXPLANATIONS

- 5400 Labor – Primarily labor hours worked by Water Treatment and Production personnel to operate the distribution system, provide system reporting, and operate the SCADA system as these tasks relate to recycled water.
- 5420 Permits/Fees – Funds to pay annual fees billed by CA Department of Public Health and LA County Department of Health Services.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

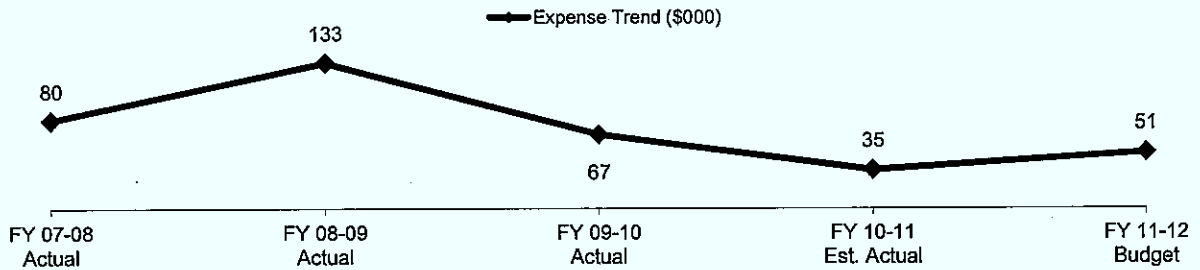
- 5500 Labor – Primarily labor hours worked by Maintenance Section personnel to provide maintenance and electronic services.
- 5510 Supplies/Materials – Items necessary for staff to maintain the SCADA system

SPECIALTY EXPENSE LINE ITEM EXPLANATIONS

- 5700 SCADA Services – Labor and materials costs for services provided by Information Systems to maintain the SCADA system.
- 5710.2 Technical Services – The costs for any labor hours by Technical Services personnel for general assistance would be accumulated in this account.

**Las Virgenes - Triunfo
Joint Powers Authority
RW System Operations - 751300**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget
OPERATIONS DIVISION EXPENSE						
5400 Labor	\$24,380	\$49,264	\$26,266	\$36,003	\$7,464	\$14,997
5420 Permits and Fee	88	88	88	100	88	100
Sub-total	\$24,468	\$49,352	\$26,354	\$36,103	\$7,552	\$15,097
MAINTENANCE DIVISION EXPENSE						
5500 Labor	1,535	384	554	3,171	3,709	936
5510 Supplies/Material	112	1,899	0	1,000	0	500
5515 Outside Services	0	0	0	500	0	500
Sub-total	\$1,647	\$2,283	\$554	\$4,671	\$3,709	\$1,936
SPECIALTY EXPENSES						
5700 SCADA Services	646	0	0	2,872	1,898	2,769
5710.2 Technical Services	0	0	0	0	1,131	0
Sub-total	\$646	\$0	\$0	\$2,872	\$3,029	\$2,769
ADMINISTRATIVE EXPENSES						
7225 Allocated Support Services	34,780	56,064	29,102	47,824	14,716	21,664
7226 Allocated Operations Services	18,869	25,171	11,477	21,951	6,061	9,614
Sub-total	\$53,649	\$81,235	\$40,579	\$69,775	\$20,777	\$31,278
TOTAL EXPENSES	\$80,410	\$132,870	\$67,487	\$113,421	\$35,067	\$51,080



JOINT POWERS AUTHORITY

RW Distribution System – 751700

FUNCTION

To provide appropriate training, operating, preventive maintenance, and maintenance and repair programs to preserve Joint Powers Authority assets and to ensure the safe and reliable delivery of recycled water to the two Joint Powers Authority customers, Las Virgenes and Triunfo.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY11-12.

OPERATING EXPENSE LINE ITEM EXPLANATIONS

- 5400 Labor – Labor hours performed by Water Treatment and Production employees to perform preventive maintenance work associated with the recycled water distribution system. Preventive maintenance includes operating, testing, and overhauling recycled water main line valves, blow-offs, and air-vacuum valves.
- 5410 Supplies/Materials – Funds to purchase items needed during minor preventive maintenance tasks within the distribution system.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

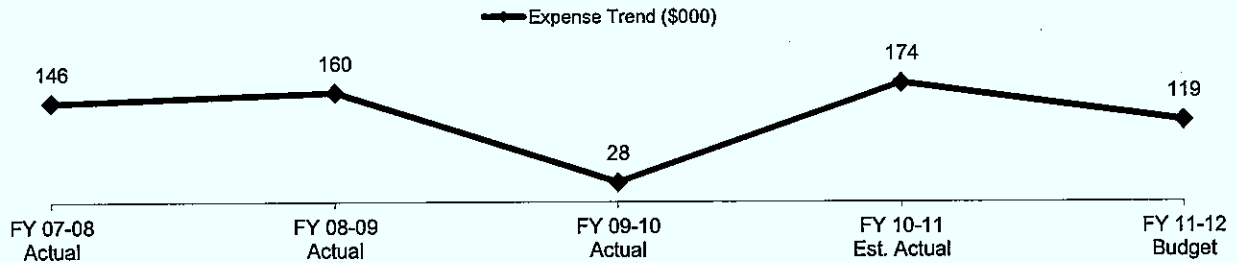
- 5500 Labor – Primarily labor hours worked by Construction Section personnel to provide maintenance and pipeline location in the recycled water distribution pipeline system.
- 5510 Supplies/Materials – Items required by staff to maintain the recycled water distribution system, such as valves, pipe, slurry backfill, etc. and to purchase materials for emergency repairs.
- 5515 Outside Services – Funds to hire any maintenance providers required to assist in maintaining the recycled water distribution system and to provide for emergency repairs as required.
- 5520 Permits/Fees – Funds to pay for various public works encroachment permits for repairs, required by the cities and the counties which have doubled in price.

SPECIALTY EXPENSE LINE ITEM EXPLANATIONS

- 5710.2 Technical Services – The costs for labor hours by Technical Services personnel.

**Las Virgenes - Triunfo
Joint Powers Authority
RW Distribution System - 751700**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget
OPERATIONS DIVISION EXPENSE						
5400 Labor	\$1,359	\$6,641	\$2,378	\$3,594	\$1,131	\$3,533
5410 Supplies/Material	379	2,632	96	2,000	500	1,000
Sub-total	\$1,738	\$9,273	\$2,474	\$5,594	\$1,631	\$4,533
MAINTENANCE DIVISION EXPENSE						
5500 Labor	27,474	34,332	8,672	23,693	64,069	35,432
5510 Supplies/Material	4,609	10,091	843	5,000	7,500	5,000
5515 Outside Services	51,046	28,451	0	3,000	1,300	3,000
5520 Permits and Fee	0	404	404	500	425	1,000
Sub-total	\$83,129	\$73,278	\$9,919	\$32,193	\$73,294	\$44,432
SPECIALTY EXPENSES						
5710.2 Technical Services	872	7,008	0	3,614	0	2,256
Sub-total	\$872	\$7,008	\$0	\$3,614	\$0	\$2,256
ADMINISTRATIVE EXPENSES						
7225 Allocated Support Services	38,755	48,635	11,463	33,575	70,242	47,032
7226 Allocated Operations Services	21,026	21,838	4,519	15,413	28,931	20,871
Sub-total	\$59,781	\$70,473	\$15,982	\$48,988	\$99,173	\$67,903
TOTAL EXPENSES	\$145,520	\$160,032	\$28,375	\$90,389	\$174,098	\$119,124



JOINT POWERS AUTHORITY

Sewers – 751800

FUNCTION

To provide sewer maintenance service in those portions of the trunk sewer system which are shared by Las Virgenes Municipal Water District and Triunfo Sanitation District.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY11-12.

OPERATING EXPENSE LINE ITEM EXPLANATIONS

5400 Labor – Account used to accrue labor hours worked by Reclamation Treatment personnel for oversight of sewer system located within the Joint Powers Authority (U-1 Sanitation District) area.

5405 Utilities – These sub-accounts provide funds for the utilities used at the metering stations.

5420 Permits – Funds Statewide WDR permit for sanitary sewers.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

5500 Labor – Primarily labor hours worked by maintenance personnel in the Joint Powers Authority sewers located within the Joint Powers Authority (U-1 Sanitation District) area.

5510 Supplies/Materials – Items required by staff in maintaining the trunk sewer system. Increased funding is to replace manhole rings and covers.

5515 Outside Services – Funds to hire maintenance providers for emergency clean up and repairs. Reduction in funding in FY10-11 as the 5-Year sewer cleaning program was focused on the small sewers in the U-2 area (LV only). Includes annual maintenance cost for sewer meters (\$18,700). FY10-11 included funds (\$67,000) to paint and repair 11 sewer bridges; however, work has been delayed to FY11-12 and funds will be rebudgeted.

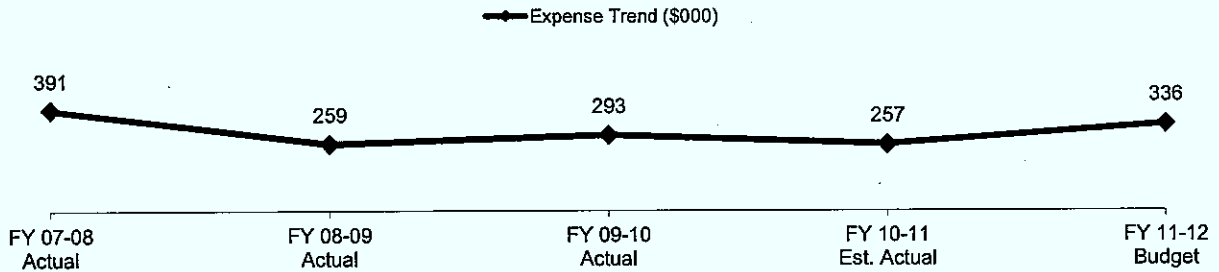
SPECIALTY EXPENSE LINE ITEM EXPLANATIONS

5710.2 Technical Services – The costs for labor hours by Technical Services personnel.

5715.2 Other Laboratory Services – Labor and materials to manage the Industrial Pre-treatment Program.

**Las Virgenes - Triunfo
Joint Powers Authority
Sewers - 751800**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget
OPERATIONS DIVISION EXPENSE						
5400 Labor	\$0	\$0	\$0	\$0	\$0	\$0
5405.1 Electricity	192	212	248	260	266	270
5405.4 Water	168	210	224	240	232	240
5410 Supplies/Material	229	0	0	0	0	0
5420 Permits and Fee	3,106	6,063	6,063	6,100	6,063	6,100
5425 Consulting Services	36,935	0	0	0	0	0
Sub-total	\$40,630	\$6,485	\$6,535	\$6,600	\$6,561	\$6,610
MAINTENANCE DIVISION EXPENSE						
5500 Labor	87,107	74,357	100,014	86,171	86,396	82,755
5510 Supplies/Material	1,336	1,617	956	2,000	2,500	5,000
5515 Outside Services	81,350	60,984	41,521	92,000	30,300	105,000
Sub-total	\$169,793	\$136,958	\$142,491	\$180,171	\$119,196	\$192,755
SPECIALTY EXPENSES						
5715.2 Other Laboratory Services	498	0	0	0	0	0
Sub-total	\$498	\$0	\$0	\$0	\$0	\$0
ADMINISTRATIVE EXPENSES						
7225 Allocated Support Services	116,975	79,642	103,020	95,648	92,923	94,553
7226 Allocated Operations Services	63,462	35,758	40,627	43,900	38,274	41,962
Sub-total	\$180,437	\$115,400	\$143,647	\$139,548	\$131,197	\$136,515
TOTAL EXPENSES	\$391,358	\$258,843	\$292,673	\$326,319	\$256,954	\$335,880



JOINT POWERS AUTHORITY

Treatment/Reclamation – 751810

FUNCTION

To properly operate and maintain the wastewater treatment process in order to meet regulatory requirements and protect public health.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY11-12.

OPERATING EXPENSE LINE ITEM EXPLANATIONS

- 5400 Labor – Primarily labor hours worked by treatment personnel to operate and maintain the plant.
- 5405 Utilities – Sub-accounts used to fund utility costs at Tapia WRF.
- 5410 Supplies and Materials – Funds to purchase supplies and miscellaneous chemicals for plant operations. Significant unexpected failures in plant sensors resulted in an overage in this account.
- 5410.6 Defoamer /Ammonia – No defoamer is required; however significant amounts of ammonia are required.
- 5410.10Sodium Hypochlorite – Usage expected to be at same levels.
- 5410.11Sodium Bisulfite – Usage contingent upon discharge flows to Malibu Creek.
- 5415 Outside Services – Funds for maintenance and specialty services for safety equipment, instruments, grit and rags disposal, service contracts for analyzers, etc.
- 5417 Odor Control – Redo (2) primary and (1) headworks scrubbers in FY11-12. Also funds granular odor control for screenings.
- 5420 Permits/Fees – Funds NPDES and Non-NPDES permits from Regional Water Quality Control Board and SCAQMD permits for general plant operation, generators and air pollution control devices. Includes miscellaneous permits from other agencies.
- 5425 Consulting Services – Update of O&M deferred to approval of new NPDES permit . Funds for consultants' assistance during permit process.
- 5430 Capital Outlay – Funds for coating two hydro-pneumatic surge tanks and one aluminum hydroxide (alum) storage tank (\$15,000) and to purchase an portable valve actuator for in ground valve exercising (\$8,000) and to purchase and install two primary sludge blanket level sensors (\$7,000).

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

- 5500 Labor – Primarily labor hours worked by Maintenance Section personnel to provide maintenance services.
- 5510 Supplies/Materials – Items required for staff for maintenance of plant facilities and equipment.
- 5515 Outside Services – In FY11-12, funds for MCC and substation painting (\$12,000) and the Roots annual major PM (\$10,000), Bus B preventive maintenance (\$18,000) and transfer switch maintenance (\$5,000) as well as other services required to maintain the plant.
- 5518 Bldg. Maintenance – Costs related to maintaining the basic buildings and site and which are not process related.
- 5525 Consulting Services – Funds for assistance in maintaining PLCs.

EFFLUENT DISPOSAL LINE ITEM EXPLANATIONS

- 6788 District Sprayfields – Contractor, equipment, supply, and staff costs associated with maintaining farm fields, catch basins, roads, fences and equipment, disposing of effluent as needed due to permit requirements or distribution system upsets, and harvesting vegetation to remove nitrogen applied via irrigation on the Rancho Farm fields.
- 6789 005 Discharge – Pumping, energy and lab costs associated with disposal of effluent through 005.

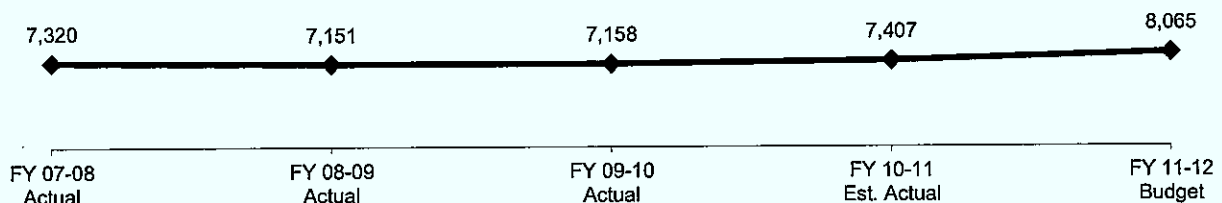
SPECIALTY EXPENSE LINE ITEM EXPLANATIONS

- 5700 SCADA Services – Labor and materials costs for services provided by Information Systems to maintain the SCADA system.
- 5715.2 Other Laboratory Services – Reflects outside laboratory testing. Increase due to annual bioassessment for Malibu Creek and Los Angeles River as required by the NPDES permit.
- 5715.3 Tapia Lab Sampling – Tapia laboratory staff costs for obtaining samples from the reclamation process.
- 7202 Allocated Lab Expense – Tapia laboratory costs for testing samples. Costs are based on total number of in-house tests performed for treatment divided by total number of tests performed in-house.

**Las Virgenes - Triunfo
Joint Powers Authority
Treatment/Reclamation - 751810**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget
OPERATIONS DIVISION EXPENSE						
5400 Labor	\$869,679	\$1,075,690	\$1,079,187	\$1,105,777	\$1,099,620	\$1,118,167
5405.1 Electricity	828,174	807,104	816,796	830,000	950,250	1,000,000
5405.2 Telephone	14,611	14,903	16,216	17,500	16,074	16,500
5405.3 Natural Gas	11,416	11,374	10,939	12,000	9,692	12,000
5405.4 Water	6,959	8,720	3,519	7,500	3,164	5,000
5410 Supplies/Material	28,669	24,653	42,266	25,000	32,093	32,000
5410.1 Fuel	8,629	0	3,244	4,000	3,780	4,000
5410.5 Ferric Chloride	65,872	90,054	75,340	80,000	107,000	90,000
5410.6 Defoamer/Deodorant	5,087	0	5,607	0	33,600	56,000
5410.9 Alum	19,105	25,773	25,561	30,000	39,211	32,000
5410.10 Sodium Hypochlorite	291,620	349,984	313,167	375,000	265,000	325,000
5410.11 Sodium Bisulfite	114,400	250,305	244,391	250,000	185,000	250,000
5415 Outside Services	23,595	7,738	3,990	20,000	5,600	10,000
5417 Odor Control	30,072	42,068	32,470	35,000	31,601	46,000
5420 Permits and Fee	80,652	35,587	47,977	50,000	74,317	55,000
5425 Consulting Services	0	9,200	8,983	25,000	25,000	15,000
5430 Capital Outlay	49,850	46,181	85,853	70,000	62,541	30,000
Sub-total	\$2,448,390	\$2,799,334	\$2,815,506	\$2,936,777	\$2,943,543	\$3,096,667
MAINTENANCE DIVISION EXPENSE						
5500 Labor	430,148	425,202	570,502	547,950	511,331	510,260
5510 Supplies/Material	187,002	225,137	130,163	165,000	130,000	165,000
5515 Outside Services	158,510	169,313	127,214	185,000	127,500	160,000
5518 Building Maintenance	67,892	48,517	56,255	50,000	52,000	50,000
5525 Consulting Services	0	23,530	0	0	0	20,000
5530 Capital Outlay	59,178	6,897	0	105,000	0	0
Sub-total	\$902,730	\$898,596	\$884,134	\$1,052,950	\$820,831	\$905,260
EFFLUENT DISPOSAL						
6786 Private Sprayfield	381,231	0	0	0	0	0
6787 Incentive Program	121,873	0	0	0	0	0
6788 District Sprayfield	271,493	260,797	261,642	297,234	238,234	283,663
6789 005 Discharge	14,951	41,827	36,509	45,000	45,000	55,000
Sub-total	\$789,548	\$302,624	\$298,151	\$342,234	\$283,234	\$338,663
SPECIALTY EXPENSES						
5700 SCADA Services	47,732	52,035	56,907	81,295	72,998	76,520
5710.2 Technical Services	0	0	2,828	0	0	0
5715.2 Other Lab Services	122,858	146,689	145,235	130,000	130,000	130,000
5715.3 Tapia Lab Sampling	68,642	86,440	105,218	88,264	99,777	106,237
7202 Allocated Lab Expense	306,988	325,938	329,995	352,545	344,628	369,080
Sub-total	\$546,220	\$611,102	\$640,183	\$652,104	\$647,403	\$681,837
ADMINISTRATIVE EXPENSES						
7225 Allocated Support Services	1,706,718	1,752,445	1,807,040	1,980,906	1,920,991	2,107,412
7226 Allocated Operations Services	925,931	786,849	712,608	909,200	791,196	935,260
Sub-total	\$2,632,649	\$2,539,294	\$2,519,648	\$2,890,106	\$2,712,187	\$3,042,672
TOTAL EXPENSES	\$7,319,537	\$7,150,950	\$7,157,622	\$7,874,171	\$7,407,198	\$8,065,099

◆ Expense Trend (\$000)



JOINT POWERS AUTHORITY

Treatment/Composting – 751820

FUNCTION

To provide for the operation and maintenance of facilities for the conversion of biosolids to a reusable compost product while meeting all state and federal regulatory requirements and the goal of conserving resources.

SIGNIFICANT CHANGES

Commissioning of co-generation equipment is dependent on AQMD permitting. If a permit is obtained in a reasonable time, significant savings in the energy costs will be seen.

OPERATING EXPENSE LINE ITEM EXPLANATIONS

- 5400 Labor – Primarily labor hours worked at the Composting Facility by Composting Facility personnel to operate and provide preventive maintenance.
- 5405.1 Utilities – These sub-accounts provide funds for electric and natural gas, telephone and water.
- 5410 Supplies/Material – Funds for miscellaneous chemicals and supplies required to operate the Composting Facility. Significant increase in citric acid cost.
- 5410.7 Polymer – Polymer usage increased due to extended dewatering times.
- 5410.8 Amendment – Amendment usage increased due to extended dewatering and centrifuge tuning. Lower cost in FY 09-10 due to Compost Reactor Building shutdown.
- 5415 Outside Services – Specialty maintenance required for Ovation computer control system, boiler, water treatment services, etc.
- 5417 Odor Control – Biofilter media changes out annually.
- 5420 Permits/Fees – SCAMD permit fees for general plant operation.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

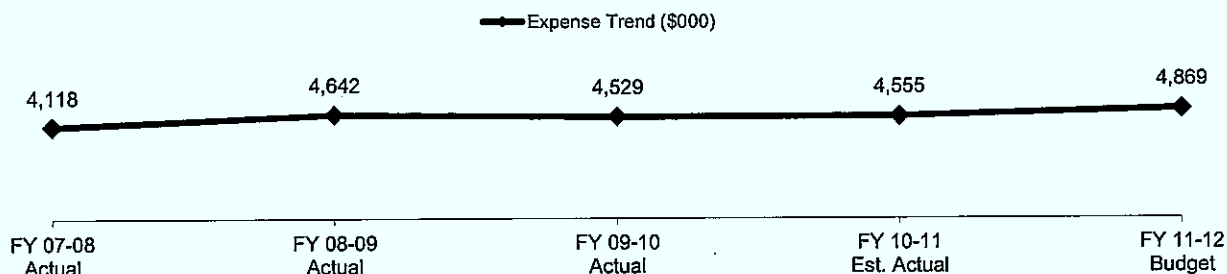
- 5500 Labor – Primarily labor hours worked by Maintenance Section personnel to provide maintenance services. Includes hours for RCPO staff to manage landscape contract.
- 5510 Supplies/Materials – Items required for staff to maintain plant facilities and equipment.
- 5515 Outside Services – Funds to hire any maintenance providers to assist in maintaining plant facilities. Includes funds to paint the electrical substation.
- 5518 Bldg. Maintenance – Costs related to maintaining the basic buildings and site and which are not process related.
- 5525 Consulting Services – In FY10-11 funds were used for a short circuit study.

SPECIALTY EXPENSE LINE ITEM EXPLANATIONS

- 5700 SCADA Services – Labor and materials costs for services provided by Information Systems to maintain the DCS system. Includes annual Ovation maintenance fees (\$22,000).
- 5710.2 Technical Services – The costs for any labor hours by Technical Services personnel.
- 5712 Sales/Use Tax Expense – Required tax remittance on imputed value of RLV Community Compost supplied.
- 5715.2 Other Laboratory Services – Reflects outside laboratory testing associated with marketing compost.
- 5715.3 Tapia Lab Sampling – Tapia laboratory staff costs for obtaining samples from the composting process are direct charged to this account.
- 7202 Allocated Lab Expense – Tapia laboratory costs for testing samples. Costs are based on total number of in-house tests performed for composting divided by total number of tests performed in-house.

**Las Virgenes - Triunfo
Joint Powers Authority
Treatment/Composting - 751820**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget
OPERATIONS DIVISION EXPENSE						
5400 Labor	\$548,866	\$696,470	\$769,461	\$795,565	\$782,991	\$745,820
5405.1 Electricity	311,923	321,427	293,406	300,000	311,594	218,118
5405.2 Telephone	9,249	9,664	9,904	10,500	9,788	10,000
5405.3 Natural Gas	1,204	1,021	794	1,000	725	1,000
5405.4 Water	17,623	20,680	8,024	10,000	6,422	7,500
5410 Supplies/Material	13,043	16,479	25,950	20,000	37,250	40,000
5410.1 Fuel	5,766	4,491	3,435	5,000	4,502	5,000
5410.7 Polymer	204,921	200,824	125,416	192,000	123,000	130,000
5410.8 Amendment	225,565	203,034	166,720	210,000	252,044	160,000
5415 Outside Services	24,055	37,959	39,966	50,000	20,000	200,000
5417 Odor Control	82,218	75,112	71,171	95,000	74,300	75,000
5420 Permits and Fee	6,872	11,012	8,456	8,000	7,850	8,000
Sub-total	\$1,451,305	\$1,598,173	\$1,522,703	\$1,697,065	\$1,630,466	\$1,600,438
MAINTENANCE DIVISION EXPENSE						
5500 Labor	363,693	503,394	602,400	604,513	518,150	586,481
5510 Supplies/Material	178,269	193,524	178,955	160,000	136,700	160,000
5515 Outside Services	151,274	127,193	90,701	145,000	90,000	110,000
5518 Building Maintenance	72,706	75,471	76,772	77,500	57,000	60,000
5525 Consulting Services	0	0	0	0	18,760	0
5530 Capital Outlay	2,750	42,055	0	0	0	0
Sub-total	\$768,692	\$941,637	\$948,828	\$987,013	\$820,610	\$916,481
SPECIALTY EXPENSES						
5700 SCADA Services	13,701	1,603	29,174	32,245	10,990	25,845
5710.2 Technical Services	0	144	0	0	0	0
5712 Compost Sales/Use Tax	4,926	12,772	6,071	4,000	4,000	4,000
5715.2 Other Lab Services	7,274	9,121	7,025	8,000	6,500	8,000
5715.3 Tapia Lab Sampling	2,837	2,900	1,307	3,308	3,374	2,820
7202 Allocated Lab Expense	10,065	10,687	10,820	11,559	11,299	12,101
Sub-total	\$38,803	\$37,227	\$54,397	\$59,112	\$36,163	\$52,766
ADMINISTRATIVE EXPENSES						
7225 Allocated Support Services	1,205,510	1,425,380	1,436,841	1,574,275	1,464,407	1,592,243
7226 Allocated Operations Services	654,015	639,990	566,621	722,571	603,143	706,629
Sub-total	\$1,859,525	\$2,065,370	\$2,003,462	\$2,296,846	\$2,067,550	\$2,298,872
TOTAL EXPENSES	\$4,118,325	\$4,642,407	\$4,529,390	\$5,040,036	\$4,554,789	\$4,868,557



JOINT POWERS AUTHORITY

Centrate Treatment – 751830

FUNCTION

To operate the centrate treatment facilities to allow Tapia WRF to meet its effluent nutrient requirements in the NPDES permit. The farm remains available for biosolids injection in emergency conditions.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY11-12.

OPERATING EXPENSE LINE ITEM EXPLANATIONS

- 5400 Labor – Labor hours for farm operations including centrate treatment and potential biosolids injection.
- 5410 Supplies/Materials – Expenses for FY10-11 have been consolidated to account 751810.6788
- 5415 Outside Services – Expenses for FY10-11 have been consolidated to account 751810.6788.
- 5417 Odor Control – No funds required in FY11-12.
- 5420 Permits and Fees – RWQCB permit fees for biosolids injection and SCAQMD permits for the generator, carbon scrubber, and biofilter.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

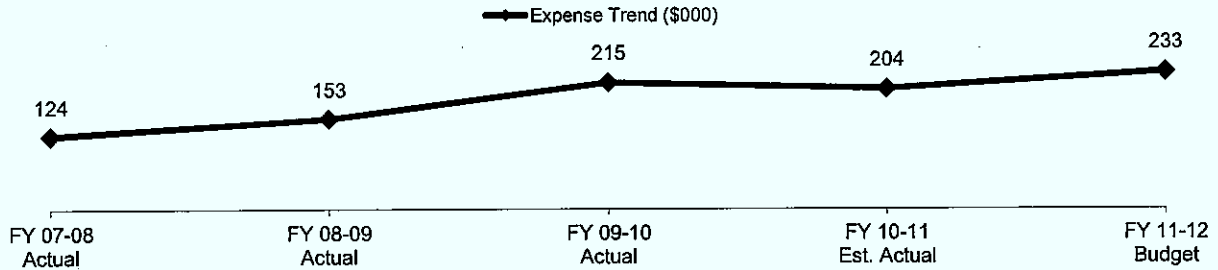
- 5500 Labor – Primarily labor hours worked by Maintenance Section personnel to provide maintenance services.
- 5510 Supplies/Materials – Items required for maintenance of equipment associated with centrate treatment.
- 5515 Outside Services – Funds to hire any maintenance providers required to assist in building maintenance such as janitor, alarms, trash collection, etc. Increased funding due to maintenance of equipment associated with centrate treatment.

SPECIALTY EXPENSE LINE ITEM EXPLANATIONS

- 5710.2 Technical Services – The costs for any labor hours by Technical Services personnel for assistance would be accumulated in this account.
- 5715 Laboratory Services – Tapia Laboratory service and outside laboratory service costs are charged to these accounts.

**Las Virgenes - Triunfo
Joint Powers Authority
Treatment/Centrated Treatment - 751830**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget
OPERATIONS DIVISION EXPENSE						
5400 Labor	\$4,956	\$5,170	\$6,503	\$6,894	\$7,660	\$5,039
5405.1 Electricity	8,671	10,145	63,511	75,000	85,000	90,000
5405.4 Water	908	1,198	624	1,000	2,102	2,000
5410 Supplies/Material	24	0	3,445	0	0	0
5410.1 Fuel	7,233	4,426	3,319	3,000	2,000	2,500
5415 Outside Services	7,680	5,405	1,626	0	0	0
5417 Odor Control	0	0	2,700	5,000	0	0
5420 Permits and Fee	31,869	44,890	43,810	42,000	43,535	44,000
5425 Consulting Services	0	20,446	0	0	0	0
Sub-total	\$61,341	\$91,680	\$125,538	\$132,894	\$140,297	\$143,539
MAINTENANCE DIVISION EXPENSE						
5500 Labor	2,185	2,782	9,247	5,626	2,010	6,005
5510 Supplies/Material	117	3,994	3,146	5,000	0	10,000
5515 Outside Services	2,154	4,030	9,711	6,000	5,688	10,000
Sub-total	\$4,456	\$10,806	\$22,104	\$16,626	\$7,698	\$26,005
SPECIALTY EXPENSES						
5715.2 Other Lab Services	8,669	5,145	6,052	5,200	5,200	5,200
5715.3 Tapia Lab Sampling	4,861	3,981	6,928	5,624	4,764	5,710
7202 Allocated Lab Expense	20,130	21,373	21,639	23,118	22,599	24,202
Sub-total	\$33,660	\$30,499	\$34,619	\$33,942	\$32,563	\$35,112
ADMINISTRATIVE EXPENSES						
7225 Allocated Support Services	16,227	14,098	23,428	20,742	16,535	19,685
7226 Allocated Operations Services	8,804	6,331	9,237	9,521	6,812	8,736
Sub-total	\$25,031	\$20,429	\$32,665	\$30,263	\$23,347	\$28,421
TOTAL EXPENSES	\$124,488	\$153,414	\$214,926	\$213,725	\$203,905	\$233,077



JOINT POWERS AUTHORITY

Administration – 751840

FUNCTION

To fund general and administrative expenses specific to Joint Powers Authority operations.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY11-12.

LINE ITEM EXPLANATIONS

- 5400 Labor – The costs for any labor hours worked on administrative function.

- 6602 School Education Program – Wastewater education initiatives, programs and tours (\$5,000). Also includes programs designed to accommodate home-school students. See page AP-2

- 6604 Public Education Program – Quarterly tours of Rancho/Tapia (\$4,000); Malibu Creek Watershed and regulatory issue outreach (\$3,500) and JPA activities and display advertising related to watershed and NPDES issues (\$10,000). See page AP-3

- 6606 Community Group Outreach – JPA related publications and community group outreach related to watershed stewardship and NPDES issues (\$15,000), and speaker's bureau expenses (\$1,000). See page AP-4

- 6608 Intergovernmental Coordination – Programmed funds support intergovernmental activities such as legislative monitoring and activities with the state legislature, county, cities, school districts, federal agencies and regulatory bodies. See page AP-5

- 6785 Watershed Programs – Watershed Management: Staff participation and technical assistance managing water resources (primarily surface water quality) in the Malibu Creek and upper Los Angeles River watersheds. Includes non-permit water quality monitoring and technical studies. See page AP-8

- 6872 Litigation – Outside Services – All litigation, settlements, attorney fees, court costs and legal costs for general litigation that are solely for the Joint Powers Authority.

- 6874 Litigation – District Costs – Costs for employee depositions, trial appearance, etc. for Joint Powers Authority lawsuit cases.

- 6516 Other Professional Services – Federal and State Regulatory Advocacy for securing funding and providing input on regulatory issues.

- 6517 Audit Fees – Joint Powers Authority's share of costs related to financial statement audit.

- 7135 General Insurance – Property insurance costs.

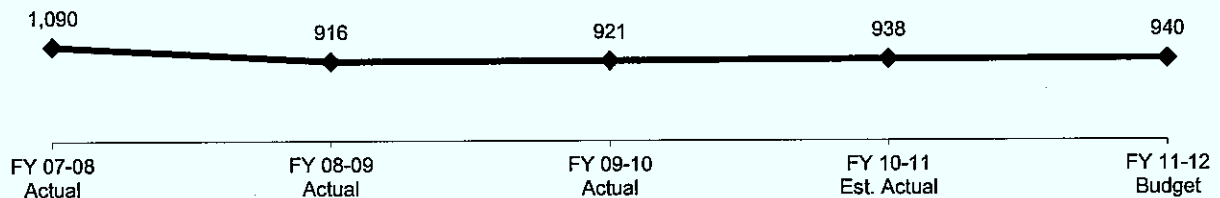
- 7153 TSD Staff Services – Funds for support provided to the Joint Powers Authority by TSD staff.

- 6260 Rental Charge – Facilities Replacement – Internal charge to set aside funds for future facilities replacement.

**Las Virgenes - Triunfo
Joint Powers Authority
Administration - 751840**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget
OPERATIONS DIVISION EXPENSE						
5400 Labor	\$12,262	\$4,221	\$5,091	\$3,035	\$0	\$0
Sub-total	\$12,262	\$4,221	\$5,091	\$3,035	\$0	\$0
INVENTORY EXPENSES						
5536 Inventory Adjustment	(2,212)	4,023	2,469	4,000	3,000	4,000
Sub-total	(\$2,212)	\$4,023	\$2,469	\$4,000	\$3,000	\$4,000
PUBLIC INFORMATION						
6602 School Education Program	482	2,048	2,798	5,230	7,576	6,865
6604 Public Education Program	14,756	21,913	24,397	48,921	46,065	51,659
6606 Community Group Outreach	5,530	1,369	2,679	18,023	17,472	17,399
6608 Intergovernmental Coordination	4,209	8,345	14,691	34,272	16,555	35,558
Sub-total	\$24,977	\$33,675	\$44,565	\$106,446	\$87,668	\$111,481
RESOURCE CONSERVATION						
6785 Watershed Programs	77,872	39,021	61,373	55,276	67,448	84,008
Sub-total	\$77,872	\$39,021	\$61,373	\$55,276	\$67,448	\$84,008
SPECIALTY EXPENSES						
5715.3 Tapia Lab Sampling	190	0	0	0	0	0
Sub-total	\$190	\$0	\$0	\$0	\$0	\$0
ADMINISTRATIVE EXPENSES						
6872 Litigation/Outside Services	7,474	6,184	0	0	0	0
6516 Other Professional Services	119,299	115,661	115,317	0	0	0
6517 Audit Fees	4,100	4,265	4,435	8,545	8,545	8,720
7110 Travel/Misc Staff Expense	30	0	20	0	0	0
7135 General Insurance	190,905	171,829	0	0	0	0
7135.1 Property Insurance	0	0	71,381	72,100	71,307	73,300
7135.4 Earthquake Insurance	0	0	93,471	95,600	89,903	90,700
7153 TSD Staff Services	0	0	0	0	0	5,000
6260 Rental Charge - Facility Repl	446,205	392,306	356,749	382,279	382,279	363,375
7203 Allocated Building Maint	146,815	98,825	80,441	104,549	88,804	87,329
7225 Allocated Support Services	40,078	31,514	61,797	22,385	98,234	77,833
7226 Allocated Operations Services	21,743	14,147	24,371	10,275	40,460	34,542
Sub-total	\$976,649	\$834,731	\$807,982	\$695,733	\$779,532	\$740,799
TOTAL EXPENSES	\$1,089,738	\$915,671	\$921,480	\$864,490	\$937,648	\$940,288

Expense Trend (\$000)



**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
FY 2011-12 BUDGET WORKSHEET**

ACCT #	DESCRIPTION	JPA OPERATIONS			751000	751800	751810	751820
		2010-11 Estimated Actual	2010-11 Budget	2011-12 Budget	Revenues	Sewers	Treatment Reclamation	Treatment Composting
Operating Revenues								
4235	RW Sales - LVMWD	1,310,428	1,351,403	1,333,406	1,333,406			
4240	RW Sales - TSD	402,650	396,200	392,519	392,519			
4245	MWD Incentive - Local Projects	107,800	107,800	107,800	107,800			
4505	Other Income from Operations	58,900	56,855	60,000	60,000			
4510	Compost Sales	18,200	5,000	7,500	7,500			
	Sub-Total	<u>1,897,978</u>	<u>1,917,258</u>	<u>1,901,225</u>	<u>1,901,225</u>	-	-	-
Source of Supply								
5115	Purchased Wtr - LV Potable Supp	-	-	-	-	-	-	-
Operating Expenses								
5400	Labor	1,949,408	2,049,282	1,926,647		1,118,167	745,820	
5405.1	Utility - Energy	2,462,121	2,299,010	2,603,388		270	1,000,000	218,118
5405.2	Utility - Telephone	26,214	28,310	26,875		-	16,500	10,000
5405.3	Utility - Gas	10,417	13,000	13,000		-	12,000	1,000
5405.4	Utility - Water	11,920	18,740	14,740		240	5,000	7,500
5410	Supplies / Material	81,573	59,500	85,500		-	32,000	40,000
5410.1	Supl/Matrl. - Fuel	10,282	12,000	11,500		-	4,000	5,000
5410.10	Supl/Matrl. - Sodium Hypochlorite	265,000	375,000	325,000		-	325,000	
5410.11	Supl/Matrl. - Sodium Bisulfite	185,000	250,000	250,000		-	250,000	
5410.5	Supl/Matrl. - Ferrous Chloride	107,000	80,000	90,000		-	90,000	
5410.6	Supl/Matrl. - Defoamer/Deodorizer	33,600	-	56,000		-	56,000	
5410.7	Supl/Matrl. - Polymer	123,000	192,000	130,000		-		130,000
5410.8	Supl/Matrl. - Amendment	252,044	210,000	160,000		-		160,000
5410.9	Supl/Matrl. - Alum	39,211	30,000	32,000		-	32,000	
5415	Outside Services	31,100	78,500	218,500		-	10,000	200,000
5417	Odor Control	105,901	135,000	121,000		-	46,000	75,000
5420	Permits / Fees	132,083	106,430	113,300		6,100	55,000	8,000
5425	Consulting Services	25,000	25,000	15,000		-	15,000	-
5430	Capital Outlay	62,541	70,000	30,000		-	30,000	-
	Sub-Total	<u>5,913,415</u>	<u>6,031,772</u>	<u>6,222,450</u>		<u>6,610</u>	<u>3,096,667</u>	<u>1,600,438</u>
Maintenance Expenses								
5500	Labor	1,224,339	1,297,843	1,256,961		82,755	510,260	586,481
5510	Supplies / Material	279,205	341,500	349,000		5,000	165,000	160,000
5515	Outside Services	255,148	432,000	389,000		105,000	160,000	110,000
5518	Building Maintenance Services	109,000	127,500	110,000		-	50,000	60,000
5520	Permits / Fees	425	500	1,000		-	-	-
5525	Consulting Services	18,760	-	20,000		-	20,000	-
5530	Capital Outlay	-	105,000	-		-	-	-
	Sub-Total	<u>1,886,877</u>	<u>2,304,343</u>	<u>2,125,961</u>		<u>192,755</u>	<u>905,260</u>	<u>916,481</u>
Inventory Expenses								
5536	Inventory Adjustment	3,000	4,000	4,000		-	-	-
Gen'l Specialty Expenses								
5700	SCADA Services	85,886	116,412	105,134		-	76,520	25,845
5710.2	Tech Services - All Other	1,131	3,614	2,256		-	-	-
5712	Compost Sales/Use Tax	4,000	4,000	4,000		-	-	4,000
5715.2	Other Laboratory Services	141,700	143,200	143,200		-	130,000	8,000
5715.3	Tapia Laboratory Services	107,915	97,196	114,767		-	106,237	2,820
7202	Allocated Laboratory Expenses	378,526	387,222	405,383		-	369,080	12,101
	Sub-Total	<u>719,158</u>	<u>751,644</u>	<u>774,740</u>		-	<u>681,837</u>	<u>52,766</u>
Public Information								
6602	School Education Program	7,576	5,230	6,865		-	-	-
6604	Public Education Program	46,065	48,921	51,659		-	-	-
6606	Community Group Outreach	17,472	18,023	17,399		-	-	-
6608	Intergovernmental Coordination	16,555	34,272	35,558		-	-	-
	Sub-Total	<u>87,668</u>	<u>106,446</u>	<u>111,481</u>		-	-	-
Resource Conservation								
6785	Watershed Programs	67,448	55,276	84,008		-	-	-
6786	Private Sprayfield	-	-	-		-	-	-
6787	Incentive Program	-	-	-		-	-	-
6788	District Sprayfield	238,234	297,234	283,663		-	283,663	-
6789	005 Discharge	45,000	45,000	55,000		-	55,000	-
	Sub-Total	<u>350,682</u>	<u>397,510</u>	<u>422,671</u>		-	<u>338,663</u>	<u>-</u>
Administrative Expenses								
6260	Rental Charge - Facility Repl.	382,279	382,279	363,375		-	-	-
6516	Other Professional Services	-	-	-		-	-	-
6517	Audit Fees	8,545	8,545	8,720		-	-	-
6872	Litigation - Outside Services	-	-	-		-	-	-
6874	Litigation - District	-	-	-		-	-	-
7110	Travel/Misc Staff Expense	-	-	5,000		-	-	-
7135.1	Property Insurance	71,307	72,100	73,300		-	-	-
7135.4	Earthquake Insurance	89,903	-	90,700		-	-	-
7153	TSD Staff Services	-	-	-		-	-	-
7203	Allocated Expenses-Op. Bldg.	88,804	104,549	87,329		-	-	-
7225	Allocated Support Services	3,773,472	3,918,356	4,049,375		94,553	2,107,412	1,592,243
7226	Allocated Operations Services	1,554,178	1,798,467	1,797,089		41,962	935,260	706,629
	Sub-Total	<u>5,968,488</u>	<u>6,284,296</u>	<u>6,474,888</u>		<u>136,515</u>	<u>3,042,672</u>	<u>2,298,872</u>
	Total Expenses	<u>14,929,288</u>	<u>15,880,011</u>	<u>16,136,191</u>		<u>335,880</u>	<u>8,065,099</u>	<u>4,868,557</u>
	Net Operating Expenses	<u>13,031,310</u>	<u>13,962,753</u>	<u>14,234,966</u>	<u>(1,901,225)</u>	<u>335,880</u>	<u>8,065,099</u>	<u>4,868,557</u>
Non-Operating Revenue								
8200	Interest Income & Other	36,000	36,000	20,000	20,000			
	Sub-Total	<u>36,000</u>	<u>36,000</u>	<u>20,000</u>	<u>20,000</u>	-	-	-
	Net Expenses	<u>12,995,310</u>	<u>13,926,753</u>	<u>14,214,966</u>	<u>(1,921,225)</u>	<u>335,880</u>	<u>8,065,099</u>	<u>4,868,557</u>

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
FY 2011-12 BUDGET WORKSHEET**

JPA OPERATIONS

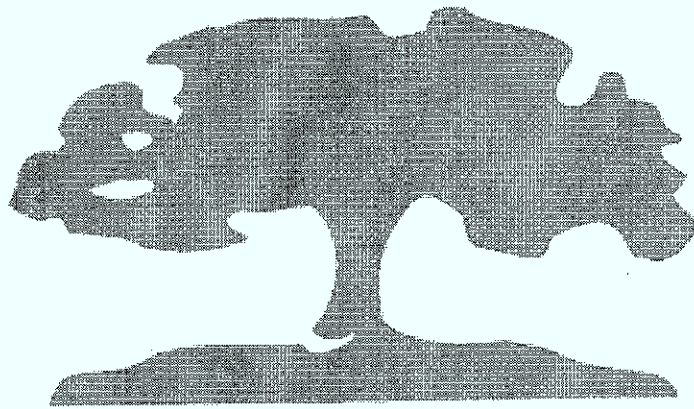
ACCT #	DESCRIPTION	751830 Treatment Farm	751100 Pump Stations	751200 Tanks/Rsrv Wells	751300 System Operation	751700 Distribution System	751840 Administrative Expenses	751004 Tapia Warehouse
Operating Revenues								
4235	RW Sales - LVMWD							
4240	RW Sales - TSD							
4245	MWD Incentive - Local Projects							
4505	Other Income from Operations							
4510	Compost Sales							
	Sub-Total	-	-	-	-	-	-	-
Source of Supply								
5115	Purchased Wtr - LV Potable Supp							
Operating Expenses								
5400	Labor	5,039	29,426	9,665	14,997	3,533	-	-
5405.1	Utility - Energy	90,000	1,250,000	45,000				
5405.2	Utility - Telephone	-		375				
5405.3	Utility - Gas							
5405.4	Utility - Water	2,000	-					
5410	Supplies / Material	-	11,500	1,000	-	1,000		
5410.1	Supl/Matrl. - Fuel	2,500						
5410.10	Supl/Matrl. - Sodium Hypochlorite							
5410.11	Supl/Matrl. - Sodium Bisulfite							
5410.5	Supl/Matrl. - Ferrous Chloride							
5410.6	Supl/Matrl. - Defoamer/Deodorizer							
5410.7	Supl/Matrl. - Polymer							
5410.8	Supl/Matrl. - Amendment							
5410.9	Supl/Matrl. - Alum							
5415	Outside Services	-	-	8,500				
5417	Odor Control	-						
5420	Permits / Fees	44,000		100	100			
5425	Consulting Services	-						
5430	Capital Outlay	-						
	Sub-Total	143,539	1,290,926	64,640	15,097	4,533	-	-
Maintenance Expenses								
5500	Labor	6,005	31,561	3,531	936	35,432		
5510	Supplies / Material	10,000	2,500	1,000	500	5,000		
5515	Outside Services	10,000	-	500	500	3,000		
5518	Building Maintenance Services							
5520	Permits / Fees					1,000		
5525	Consulting Services							
5530	Capital Outlay							
	Sub-Total	26,005	34,061	5,031	1,936	44,432	-	-
Inventory Expenses								
5536	Inventory Adjustment	-	-	-	-	-		4,000
Gen'l Specialty Expenses								
5700	SCADA Services				2,769			
5710.2	Tech Services - All Other					2,256		
5712	Compost Sales/Use Tax							
5715.2	Other Laboratory Services	5,200						
5715.3	Tapia Laboratory Services	5,710						
7202	Allocated Laboratory Expenses	24,202						
	Sub-Total	35,112	-	-	2,769	2,256	-	-
Public Information								
6602	School Education Program						6,865	
6604	Public Education Program						51,659	
6606	Community Group Outreach						17,399	
6608	Intergovernmental Coordination						35,558	
	Sub-Total	-	-	-	-	-	111,481	-
Resource Conservation								
6785	Watershed Programs						84,008	
6786	Private Sprayfield							
6787	Incentive Program							
6788	District Sprayfield							
6789	005 Discharge							
	Sub-Total	-	-	-	-	-	84,008	-
Administrative Expenses								
6260	Rental Charge - Facility Repl.						363,375	
6516	Other Professional Services							
6517	Audit Fees						8,720	
6872	Litigation - Outside Services							
6874	Litigation - District							
7110	Travel/Misc Staff Expense						5,000	
7135.1	Property Insurance						73,300	
7135.4	Earthquake Insurance						90,700	
7153	TSD Staff Services							
7203	Allocated Expenses-Op. Bldg.						87,329	
7225	Allocated Support Services	19,685	72,314	16,639	21,664	47,032	77,833	
7226	Allocated Operations Services	8,736	32,092	7,383	9,614	20,871	34,542	
	Sub-Total	28,421	104,406	24,022	31,278	67,903	740,799	-
	Total Expenses	233,077	1,429,393	93,693	51,080	119,124	936,288	4,000
	Net Operating Expenses	233,077	1,429,393	93,693	51,080	119,124	936,288	4,000
Non-Operating Revenue								
8200	Interest Income & Other							
	Sub-Total	-	-	-	-	-	-	-
	Net Expenses	233,077	1,429,393	93,693	51,080	119,124	936,288	4,000

LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
JPA OPERATIONS

ACCT #	DESCRIPTION	2010-11 Budget	2010-11 Estimated Actual	751000 Revenues	751800 Sewers	751810 Treatment Reclamation	751820 Treatment Composting	751830 Treatment Centrate	751100 Pump Stations
Operating Revenues									
4235	RW Sales - LVMWD	1,351,403	1,310,428	1,310,428					
4240	RW Sales - TSD	396,200	402,650	402,650					
4245	MWD Incentive - Local Projects	107,800	107,800	107,800					
4505	Other Income from Operations	56,855	58,900	58,900					
4510	Compost Sales	5,000	18,200	18,200					
	Sub-Total	1,917,258	1,897,978	1,897,978	-	-	-	-	-
Source of Supply									
5115	Purchased Wtr - LV Potable Supp	-	-						
Operating Expenses									
5400	Labor	2,049,282	1,949,408			1,099,620	782,991	7,660	33,373
5405.1	Utility - Energy	2,299,010	2,462,121		266	950,250	311,594	85,000	1,078,011
5405.2	Utility - Telephone	28,310	26,214			16,074	9,788		
5405.3	Utility - Gas	13,000	10,417			9,692	725		
5405.4	Utility - Water	18,740	11,920		232	3,164	6,422	2,102	
5410	Supplies / Material	59,500	81,573			32,093	37,250		11,380
5410.1	Supl/Matrl. - Fuel	12,000	10,282			3,780	4,502	2,000	
5410.10	Supl/Matrl. - Sodium Hypochlorite	375,000	265,000			265,000			
5410.11	Supl/Matrl. - Sodium Bisulfite	250,000	185,000			185,000			
5410.5	Supl/Matrl. - Ferric Chloride	80,000	107,000			107,000			
5410.6	Supl/Matrl. - Defoamer/Deodorizer	-	33,600			33,600			
5410.7	Supl/Matrl. - Polymer	192,000	123,000				123,000		
5410.8	Supl/Matrl. - Amendment	210,000	252,044				252,044		
5410.9	Supl/Matrl. - Alum	30,000	39,211			39,211			
5415	Outside Services	78,500	31,100			5,600	20,000		
5417	Odor Control	135,000	105,901			31,601	74,300		
5420	Permits / Fees	106,430	132,083		6,063	74,317	7,850	43,535	
5425	Consulting Services	25,000	25,000			25,000			
5430	Capital Outlay	70,000	62,541			62,541			
	Sub-Total	6,031,772	5,913,415	-	6,561	2,943,543	1,630,466	140,297	1,122,764
Maintenance Expenses									
5500	Labor	1,297,843	1,224,339		86,396	511,331	518,150	2,010	38,459
5510	Supplies / Material	341,500	279,205		2,500	130,000	136,700		1,825
5515	Outside Services	432,000	255,148		30,300	127,500	90,000	5,688	
5518	Building Maintenance Services	127,500	109,000			52,000	57,000		
5520	Permits / Fees	500	425						
5525	Consulting Services	-	18,760				18,760		
5530	Capital Outlay	105,000	-						
	Sub-Total	2,304,343	1,886,877	-	119,196	820,831	820,610	7,698	40,284
Inventory Expenses									
5536	Inventory Adjustment	4,000	3,000						
Gen'l Specialty Expenses									
5700	SCADA Services	116,412	85,886			72,998	10,990		
5710.2	Tech Services - All Other	3,614	1,131						
5712	Compost Sales/Use Tax	4,000	4,000				4,000		
5715.2	Other Laboratory Services	143,200	141,700			130,000	6,500	5,200	
5715.3	Tapia Laboratory Services	97,196	107,915			99,777	3,374	4,764	
7202	Allocated Laboratory Expenses	387,222	378,526			344,628	11,299	22,599	
	Sub-Total	751,644	719,158	-	-	647,403	36,163	32,563	-
Public Information									
6602	School Education Program	5,230	7,576						
6604	Public Education Program	48,921	46,065						
6606	Community Group Outreach	18,023	17,472						
6608	Intergovernmental Coordination	34,272	16,555						
	Sub-Total	106,446	87,668	-	-	-	-	-	-
Resource Conservation									
6785	Watershed Programs	55,276	67,448						
6786	Private Sprayfield	-	-						
6787	Incentive Program	-	-						
6788	District Sprayfield	297,234	238,234			238,234			
6789	005 Discharge	45,000	45,000			45,000			
	Sub-Total	397,510	350,682	-	-	283,234	-	-	-
Administrative Expenses									
6260	Rental Charge - Facility Repl.	382,279	382,279						
6516	Other Professional Services	-	-						
6517	Audit Fees	8,545	8,545						
6872	Litigation - Outside Services	-	-						
6874	Litigation - District	-	-						
7110	Travel/Misc Staff Expense	-	-						
7135.1	Property Insurance	72,100	71,307						
7135.4	Earthquake Insurance	95,600	89,903						
7153	TSD Staff Services	-	-						
7203	Allocated Expenses-Op. Bldg.	104,549	88,804						
7225	Allocated Support Services	3,918,356	3,773,472		92,923	1,920,991	1,464,407	16,535	75,627
7226	Allocated Operations Services	1,798,467	1,554,178		38,274	791,196	603,143	6,812	31,148
	Sub-Total	6,379,896	5,968,488	-	131,197	2,712,187	2,067,550	23,347	108,775
	Total Expenses	15,975,611	14,929,288	-	256,954	7,407,198	4,554,789	203,905	1,269,823
	Net Operating Expenses	14,058,353	13,031,310	(1,897,978)	256,954	7,407,198	4,554,789	203,905	1,269,823
Non-Operating Revenue									
8200	Interest Income & Other	36,000	36,000	36,000					
	Sub-Total	36,000	36,000	36,000	-	-	-	-	-
	Net Expenses	14,022,353	12,995,310	(1,933,978)	256,954	7,407,198	4,554,789	203,905	1,269,823

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
JPA OPERATIONS**

ACCT #	DESCRIPTION	751200 Tanks/Reserv Wells	751300 System Operation	751700 Distribution System	751840 Administrative Expenses	751004 Tapia Warehouse
Operating Revenues						
4235	RW Sales - LVMWD					
4240	RW Sales - TSD					
4245	MWD Incentive - Local Projects					
4505	Other Income from Operations					
4510	Compost Sales					
	Sub-Total	-	-	-	-	-
Source of Supply						
5115	Purchased Wtr - LV Potable Supp	-				
Operating Expenses						
5400	Labor	17,169	7,464	1,131		
5405.1	Utility - Energy	37,000				
5405.2	Utility - Telephone	352				
5405.3	Utility - Gas					
5405.4	Utility - Water					
5410	Supplies / Material	350		500		
5410.1	Supl/Matrl. - Fuel					
5410.10	Supl/Matrl. - Sodium Hypochlorite					
5410.11	Supl/Matrl. - Sodium Bisulfite					
5410.5	Supl/Matrl. - Ferric Chloride					
5410.6	Supl/Matrl. - Defoamer/Deodorizer					
5410.7	Supl/Matrl. - Polymer					
5410.8	Supl/Matrl. - Amendment					
5410.9	Supl/Matrl. - Alum					
5415	Outside Services	5,500				
5417	Odor Control					
5420	Permits / Fees	230	88			
5425	Consulting Services					
5430	Capital Outlay					
	Sub-Total	60,601	7,552	1,631		
Maintenance Expenses						
5500	Labor	215	3,709	64,069		
5510	Supplies / Material	680		7,500		
5515	Outside Services	360		1,300		
5518	Building Maintenance Services					
5520	Permits / Fees			425		
5525	Consulting Services					
5530	Capital Outlay					
	Sub-Total	1,255	3,709	73,294		
Inventory Expenses						
5536	Inventory Adjustment					3,000
Gen'l Specialty Expenses						
5700	SCADA Services		1,898			
5710.2	Tech Services - All Other		1,131			
5712	Compost Sales/Use Tax					
5715.2	Other Laboratory Services					
5715.3	Tapia Laboratory Services					
7202	Allocated Laboratory Expenses					
	Sub-Total		3,029			
Public Information						
6602	School Education Program				7,576	
6604	Public Education Program				46,065	
6606	Community Group Outreach				17,472	
6608	Intergovernmental Coordination				16,555	
	Sub-Total				87,668	
Resource Conservation						
6785	Watershed Programs				67,448	
6786	Private Sprayfield					
6787	Incentive Program					
6788	District Sprayfield					
6789	005 Discharge					
	Sub-Total				67,448	
Administrative Expenses						
6260	Rental Charge - Facility Repl.				382,279	
6516	Other Professional Services					
6517	Audit Fees				8,545	
6872	Litigation - Outside Services					
6874	Litigation - District					
7110	Travel/Misc Staff Expense					
7135.1	Property Insurance				71,307	
7135.4	Earthquake Insurance				89,903	
7153	TSD Staff Services					
7203	Allocated Expenses-Op. Bldg.				88,804	
7225	Allocated Support Services	19,797	14,716	70,242	98,234	
7226	Allocated Operations Services	8,153	6,061	28,931	40,460	
	Sub-Total	27,950	20,777	99,173	779,532	
	Total Expenses	89,806	35,067	174,098	934,648	3,000
	Net Operating Expenses	89,806	35,067	174,098	934,648	3,000
Non-Operating Revenue						
8200	Interest Income & Other					
	Sub-Total					
	Net Expenses	89,806	35,067	174,098	934,648	3,000



INTERNAL SERVICES

The Internal Service fund is used to account for all costs related to the General Administration of the District. In addition, all personnel related costs, including salaries, benefits, training, etcetera, are administered through the Internal Service fund. Personnel working in the various enterprises account for their workload distribution through the timekeeping system. Labor costs are charged to each enterprise as determined and credits are posted to the Internal Service fund. All net accumulated costs are allocated to the various enterprise and capital project funds as described below.

The Joint Powers Authority (JPA) agreement between Las Virgenes Municipal Water District (LV) and Triunfo Sanitation District (TSD) calls for allocation of General and Administrative costs based on the actual cost of labor. General and administrative costs are defined as accounting, personnel and general management expenses. As such, Internal Service costs which are not related to the function of the JPA are excluded from the allocation process. These excluded costs include all costs for the LV Board of Directors, some of the General Manager's office costs, administration and operation of Customer Service activities, including a portion of Information Services costs, water meter maintenance, water conservation activities and new customer planning and coordination.

All remaining costs are allocated between LV enterprises (potable water, recycled water, and non-JPA sanitation), Capital Improvement Projects, and the JPA operations. The allocation is based on the labor charged through the timekeeping system to each of these operations or projects. The allocation of costs is performed monthly with a final reconciliation at year-end. Each agency's share of the allocated costs for JPA operations is billed monthly as provided in the JPA agreement.

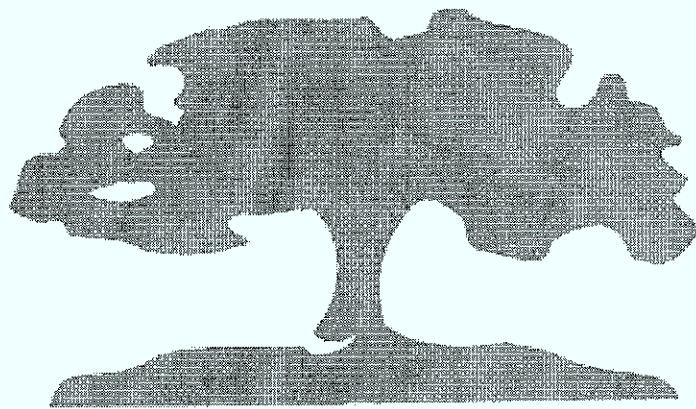
The allocated costs are shown in the budget reports as Allocated Support Services and Allocated Operations Services. Allocated Support Services are costs which originate from cost centers that provide general central service. These cost centers include general management, departmental administration, accounting, payroll, human resources, information systems, and public information administration. Allocated Operations Services are costs which originate in operations related cost centers. These cost centers include water administration, water treatment, facilities maintenance, electrical maintenance, construction services, laboratory services, wastewater treatment, composting, and technical services.

**Las Virgenes Municipal Water District
Internal Service Summary**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget	FY 11-12 JPA Share
BOARD EXPENSES							
6000 Directors' Fees	\$71,831	\$76,600	\$73,600	\$70,000	\$65,000	\$90,000	\$0
6005 Directors' Benefits	42,041	63,865	63,887	58,426	56,816	63,728	0
6010 Directors' Conference Expenses	18,704	22,866	17,620	14,000	20,000	20,000	0
6015 Directors' Miscellaneous	850	1,638	768	700	1,500	700	0
6020 Election Expense	2,754	252	0	45,000	16,911	0	0
Sub-total	\$136,180	\$165,221	\$155,875	\$188,126	\$160,227	\$174,428	\$0
PAYROLL EXPENSES							
6100 Staff Salaries	9,643,310	10,020,567	10,297,554	11,036,377	10,022,860	10,293,378	4,718,568
6102 Staff Overtime	359,156	358,177	328,877	230,002	271,908	215,698	99,452
6105 Staff Benefits	3,970,785	4,661,782	4,528,027	4,901,566	4,574,781	4,967,956	2,277,400
6110 Staff Taxes	886,420	929,646	986,732	1,062,926	998,316	1,039,443	492,972
Sub-total	\$14,859,671	\$15,970,172	\$16,141,190	\$17,230,871	\$15,867,865	\$16,516,475	\$7,588,392
6115 Staff Costs Recovered	(5,969,445)	(6,961,297)	(7,372,468)	(7,542,338)	(7,042,930)	(7,197,577)	(3,415,583)
Net Payroll Expenses	\$8,890,226	\$9,008,875	\$8,768,722	\$9,688,533	\$8,824,935	\$9,318,898	\$4,172,809
OFFICE EQUIPMENT & POSTAGE							
6200 Forms, Supplies & Postage	109,748	135,799	147,955	160,370	152,770	160,910	64,467
6205 Equipment Rental	42,934	12,314	9,269	9,200	10,172	10,200	5,358
6210 Equipment Repairs	1,316	1,175	470	1,500	1,300	1,500	497
6215 Equipment Maintenance	212,100	268,233	266,084	267,125	255,800	257,000	92,108
6220 Outside Services	76,328	74,282	75,366	78,225	95,974	126,343	28,250
6225 Radio Maintenance Expense	26,733	26,227	24,247	27,500	26,582	27,500	15,190
6230 Safety Equipment	19,247	20,187	14,623	27,700	13,220	20,050	9,720
6235 Records Management	30,892	43,183	54,478	65,300	57,842	63,000	34,801
6250 Equipment Interest Expense	11,805	10,090	7,857	4,569	6,200	6,300	3,480
Sub-total	\$531,103	\$591,490	\$600,349	\$641,489	\$619,860	\$672,803	\$253,871
PROFESSIONAL SERVICES							
6500 Legal Services	59,156	75,139	92,044	87,000	197,000	87,000	48,059
6505 Legal Advertising	17,133	16,515	8,416	10,000	4,800	7,000	2,210
6516 Other Professional Services	87,518	143,596	193,752	251,650	9,574	73,600	24,084
6517 Audit Fees	28,200	31,390	32,125	36,300	33,000	34,000	18,781
6522 Management Consultant Fees	93,221	37,007	78,552	130,000	59,800	147,500	81,475
Sub-total	\$285,228	\$303,647	\$404,889	\$514,950	\$304,174	\$349,100	\$174,609
RES CONSER/PUBLIC OUTREACH							
6602 School Education Program	6,703	20,766	19,975	54,133	52,006	52,052	28,754
6604 Public Education Program	84,032	60,382	85,792	174,949	140,809	174,762	96,539
6606 Community Group Outreach	13,910	72,531	5,103	19,035	18,035	20,492	10,767
6608 Intergovernmental Coordination	740	2,525	3,692	17,542	10,000	10,000	5,524
Sub-total	\$105,385	\$156,204	\$114,562	\$265,659	\$220,850	\$257,306	\$141,584
HUMAN RESOURCES							
6800 Safety	34,967	26,662	38,556	38,000	38,000	38,000	20,990
6810 Recruitment Expenses	19,144	8,825	31,625	20,000	10,000	10,000	5,524
6812 Retired Employee Benefits	422,205	453,548	483,968	530,000	573,000	643,000	355,175
6815 Employee Recognition Function	2,110	5,017	7,248	11,000	7,500	9,500	5,248
6817 Employee Survey Outreach	157	0	0	200	200	200	110
6820 Employee Assistance Program	3,463	3,463	3,463	4,000	866	2,000	1,105
6825 Employee Wellness Program	18,176	16,850	13,660	20,000	15,000	20,000	11,047
6830 Training & Prof. Development	92,903	92,750	103,716	172,000	97,889	163,500	80,139
6840 DOT Testing	840	0	980	950	1,050	950	525
6845 Miscellaneous Personnel Exp.	8	0	0	0	0	0	0
6850 Unemployment Ins. Benefit	0	6,866	9,622	0	11,735	0	0
6855 Donated Sick Leave	4,470	(793)	343	0	0	0	0
6872 Litigation - Outside Services	164,949	285,970	474,058	300,000	200,000	200,000	0
Sub-total	\$763,392	\$899,158	\$1,167,239	\$1,096,150	\$955,240	\$1,087,150	\$479,863

**Las Virgenes Municipal Water District
Internal Service Summary**

	FY 07-08 Actual	FY 08-09 Actual	FY 09-10 Actual	FY 10-11 Budget	FY 10-11 Est. Actual	FY 11-12 Budget	FY 11-12 JPA Share
OTHER G&A EXPENSES							
7100 Provision for Uncollectible Accts	(20,425)	32,737	73,487	40,000	40,000	50,000	0
7105 Dues/Subscriptions/Memberships	77,738	81,551	92,718	81,900	78,003	82,755	20,690
7110 Travel/Misc. Expenses	3,265	2,257	2,207	2,650	972	2,150	1,176
7135 General Insurance	923,129	872,560	806,885	803,040	0	0	0
7135.1 Property Insurance	0	0	0	0	26,675	27,500	15,190
7135.2 Liability Insurance	0	0	0	0	273,082	288,100	159,138
7135.3 Automobile Insurance	0	0	0	0	87,594	82,700	45,681
7135.4 Earthquake Insurance	0	0	0	0	53,288	53,800	29,718
7135.5 Excess Liability Insurance	0	0	0	0	360,036	373,000	206,035
7152 LAFCO Charges	17,979	15,851	13,900	14,000	12,292	14,000	0
Sub-total	\$1,001,686	\$1,004,956	\$989,197	\$941,590	\$931,942	\$974,005	\$477,628
OPERATING EXPENSE							
5400 Labor	269,307	283,153	275,273	396,420	281,821	375,472	3,778
5405.1 Utilities - Energy	162,514	164,666	159,828	170,000	152,000	170,000	91,808
5405.2 Utilities - Telephone	189,140	212,247	140,378	167,780	131,358	145,280	72,711
5405.3 Utilities - Gas	28,108	22,172	20,416	20,000	23,685	29,000	14,547
5405.4 Utilities - Water	13,876	14,195	12,275	13,000	17,035	21,000	11,128
5410 Supplies/Materials	1,436	1,334	403	2,400	0	0	0
5430 Capital Outlay	110,690	54,162	32,056	47,100	47,100	66,500	33,308
Sub-total	\$775,071	\$751,929	\$640,629	\$816,700	\$652,999	\$807,252	\$227,280
MAINTENANCE EXPENSE							
5500 Labor	226,056	261,752	271,957	349,482	296,430	335,162	57,715
5510 Supplies/Materials	210,755	142,898	214,539	266,000	262,790	310,000	51,674
5510.1 Fuel	145,080	81,797	123,235	110,000	109,800	120,000	55,624
5515 Outside Services	427,833	343,551	288,566	306,000	297,800	354,000	154,328
5520 Permits/Fee	14,085	10,024	7,443	12,011	9,909	10,061	5,435
5530 Capital Outlay	30,672	12,223	13,371	36,400	24,866	17,000	9,182
6255 Rental Charge - Vehicles	119,538	111,510	112,278	117,641	117,641	128,505	59,567
Sub-total	\$1,174,019	\$963,755	\$1,031,389	\$1,197,534	\$1,119,236	\$1,274,728	\$393,525
INVENTORY EXPENSE							
5536 Inventory Adjustment	10,909	9,194	8,193	9,000	9,500	9,500	5,248
GEN'L SPECIALTY EXPENSE							
5725 Supplies and Small Tools	65,323	52,179	28,284	72,000	45,134	33,250	13,930
Sub-total	\$65,323	\$52,179	\$28,284	\$72,000	\$45,134	\$33,250	\$13,930
TOTAL EXPENSES							
	\$13,748,586	\$13,913,999	\$13,916,079	\$15,438,381	\$13,842,766	\$14,956,620	\$6,340,348
ALLOCATED EXPENSES							
ALLOCATED TECHNICAL SERVICES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ALLOCATED CUSTOMER INFO SYSTEMS	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ALLOCATED LABORATORY EXPENSES	(\$503,257)	(\$534,325)	(\$540,975)	(\$577,943)	(\$564,964)	(\$605,050)	(\$405,384)
ALLOCATED VEHICLE EXPENSES	\$2	\$0	\$0	\$0	\$0	\$0	(\$1,093)
ALLOCATED LEGAL EXPENSES	(\$160,255)	(\$285,970)	(\$474,058)	(\$300,000)	(\$200,000)	(\$200,000)	\$0
ALLOCATED OPS BLDG EXPENSES	(\$293,630)	(\$197,650)	(\$160,882)	(\$209,098)	(\$177,609)	(\$174,658)	(\$87,329)
ALLOCATED OPERATIONS SERVICES(G&A)	(\$6,142,345)	(\$5,913,951)	(\$5,952,059)	(\$6,942,472)	(\$5,907,143)	(\$6,401,061)	(\$4,049,375)
ALLOCATED SUPPORT SERVICES(G&A)	(\$6,649,101)	(\$6,982,103)	(\$6,788,105)	(\$7,408,868)	(\$6,993,050)	(\$7,575,851)	(\$1,797,089)
TOTAL ALLOCATED EXPENSES	(\$13,748,586)	(\$13,913,999)	(\$13,916,079)	(\$15,438,381)	(\$13,842,766)	(\$14,956,620)	(\$6,340,270)



G & A Allocations for Budget - FY 2011-12

I Labor Hour Ratio

Division	Hours	Ratio (Formula)	Ratio (Value)
LV	34,534	38.7992%	38.80%
JPA	49,165	55.2372%	55.24%
CIP's	5,308	5.9636%	5.96%
Total	89,007	100.0000%	100.00%

II Allocation Ratio for Vehicle Expenses (701325)

Total Expenses in "701325"				JPA Share
Alloc To:	Bus Unit	Ratio	Allocated \$	
	701121	0.0097	5,224	0.005358
	701221	0.1359	73,195	
	701223	0.0097	5,224	
	701226	0.0194	10,449	
	701240	0.0000	0	
	701310	0.0097	5,224	0.005358
	701320	0.0068	3,662	0.003756
	701321	0.1457	78,473	0.080485
	701322	0.2623	141,274	0.144896
	701326	0.0873	47,019	0.048224
	701330	0.0029	1,562	0.001602
	701331	0.1651	88,923	0.091203
	701340	0.0097	5,224	0.005358
	701341	0.0194	10,449	0.012998
	701342	0.0388	20,897	0.021433
	701343	0.0388	20,897	0.021433
	701350	0.0291	15,673	0.016075
	701420	0.0097	5,224	0.005358
Total	1.0000		538,593	0.463535

III Allocating partial IS (701420) costs to "701221.7201"

Obj. A/C	Amount	Ratio	Allocated \$
5400-5530	87,000	0.10	8,700
6100-6115	780,504	0.20	156,101
6215	255,000	0.35	89,250
6200-6210	28,000	0.10	2,800
6800-7155	14,100	0.10	1,410
Total			258,261

IV Allocating Lab (701341) costs:

Total Expenses in "701341"				JPA %
Alloc To:	Bus Unit	Ratio	Allocated \$	
	101300	0.2600	157,313	} 0.6700 405,383
	101600	0.0700	42,354	
	751810	0.6100	369,080	
	751820	0.0200	12,101	
	751830	0.0400	24,202	
Total	1.0000		605,050	

JPA % 0.6700

V Allocating Op. Building (701002) costs:

Total Expenses in "701002"			
Alloc To:	Bus Unit	Ratio	Allocated \$
	101900	0.5000	87,329
	751840	0.5000	87,329
Total	1.0000		174,658

VI Allocating partial Tech Svcs (701350) costs to "701221.7200"

Total Expenses in "701350"			
Obj. A/C	Amount	Ratio	Allocated \$
	863,225	0.125	107,903
Total			107,903

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2011-12 BUDGET WORKSHEET
INTERNAL SERVICE SUMMARY**

ACCT #	DESCRIPTION	FY 2011-12 BUDGET				G & A JPA Share			
		2010-11 Est. Actual	2010-11 Budgeted	2011-12 TOTALS	General Manager		Res Cons/Pub Outreach	Facilities Management	Finance & Administration
Operating Expenses									
5400	Labor	281,821	396,420	375,472		368,632		6,840	3,778
5405.1	Utility - Energy	152,000	170,000	170,000			170,000		91,808
5405.2	Utility - Telephone	131,358	167,780	145,280	2,100	11,700	106,120	25,360	72,711
5405.3	Utility - Gas	22,150	27,000	27,000			27,000		14,547
5405.4	Utility - Water	17,035	13,000	21,000			21,000		11,128
5410	Supplies / Material	-	2,400	-					-
5430	Capital Outlay	47,100	47,100	66,500				66,500	33,308
	Sub-Total	651,464	823,700	805,252	2,100	380,332	324,120	98,700	227,280
Maintenance Expenses									
5500	Labor	296,430	349,482	335,162		225,023	110,139		57,715
5510	Supplies / Material	262,790	266,000	310,000		220,000	90,000		51,674
5510.1	Fuel	109,800	110,000	120,000			120,000		55,624
5515	Outside Services	297,800	306,000	354,000		50,000	304,000		154,328
5520	Permits / Fees	9,909	12,011	10,061			10,061		5,435
5525	Consulting Services	-	-	-			-		-
5530	Capital Outlay	24,866	36,400	17,000			17,000		9,182
	Sub-Total	1,001,595	1,079,893	1,146,223	-	495,023	651,200	-	333,958
Inventory Expenses									
5536	Inventory Adjustment	9,500	9,000	9,500	-	-	-	9,500	5,248
Gen'l Specialty Expenses									
5725	General Supplies/Small Tool	45,134	72,000	33,250	-	8,000	25,250	-	13,930
Board Expenses									
6000	Director's Fees	65,000	70,000	90,000	90,000				
6005	Director's Benefits	56,816	58,426	63,728	63,728				
6010	Director's Conference Expenses	20,000	14,000	20,000	20,000				
6015	Director's Miscellaneous	1,500	700	700	700				
6020	Election Expense	16,911	45,000	-	-				
	Sub-Total	160,227	188,126	174,428	174,428	-	-	-	-
Payroll Expenses									
6100	Staff Salaries	10,022,860	11,036,377	10,293,378	353,510	2,222,654	5,925,428	1,791,786	4,718,568
6102	Staff Overtime	271,908	230,002	215,698		38,887	152,059	24,752	99,452
6105	Staff Benefits	4,574,781	4,901,566	4,967,956	116,943	1,038,160	2,953,104	859,749	2,277,400
6110	Staff Taxes	998,316	1,062,926	1,039,443	25,513	177,393	688,628	147,909	492,972
6115	Staff Costs Recovered	(7,042,930)	(7,542,338)	(7,197,577)		(1,082,567)	(5,976,596)	(138,414)	(3,415,583)
	Sub-Total	8,824,935	9,688,533	9,318,898	495,966	2,394,527	3,742,623	2,685,782	4,172,809
Office Equipment & Supplies									
6200	Forms, Supplies & Postage	152,974	160,370	161,110	-	42,200	-	118,910	64,467
6205	Equipment Rental	10,172	9,200	10,200				10,200	5,358
6210	Equipment Repairs	1,300	1,500	1,500		500		1,000	497
6215	Equipment Maintenance	255,800	267,125	257,000		1,000	-	256,000	92,108
6220	Outside Services	95,974	77,200	126,343		75,200		51,143	28,250
6225	Radio Maintenance Expense	26,582	27,500	27,500			27,500		15,190
6230	Safety Equipment	13,220	28,375	20,050		2,500	17,550		9,720
6235	Records Management	57,842	65,300	63,000	63,000				34,801
6250	Equipment Interest Expense	6,200	4,569	6,300				6,300	3,480
	Sub-Total	620,064	641,139	673,003	63,000	121,400	45,050	443,553	253,871
Vehicle Maintenance									
6255	Rental Charge - Vehicles	117,641	117,641	128,505			128,505		59,567
Professional Services									
6500	Legal Services	197,000	87,000	87,000	72,000			15,000	48,059
6505	Legal Advertising	4,800	10,000	7,000	7,000				2,210
6516	Other Professional Services	9,574	251,650	73,600	5,000	55,000	-	13,600	24,084
6517	Audit Fees	33,000	36,300	34,000				34,000	18,781
6522	Management Consultant Fees	59,800	130,000	147,500	-			147,500	81,475
	Sub-Total	304,174	514,950	349,100	84,000	55,000	-	210,100	174,609
Res Conser/Public Outreach									
6602	School Education Program	52,006	54,133	52,052		52,052			28,754
6604	Public Education Program	140,809	174,949	174,762		174,762			96,539
6606	Community Group Outreach	18,035	19,035	20,492	1,000				10,767
6608	Intergovernmental Coordination	10,000	17,542	10,000		10,000			5,524
	Sub-Total	220,850	265,659	257,306	1,000	256,306	-	-	141,584
Human Resources									
6800	Safety	38,000	38,000	38,000				38,000	20,990
6805	Haz-Mat	-	-	-					-
6810	Recruitment Expense	10,000	20,000	10,000				10,000	5,524
6812	Retired Employee Benefits	573,000	530,000	643,000				643,000	355,175

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2011-12 BUDGET WORKSHEET
INTERNAL SERVICE SUMMARY**

ACCT #	DESCRIPTION	2010-11 Est. Actual	2010-11 Budgeted	2011-12 TOTALS	FY 2011-12 BUDGET				G & A JPA Share
					General Manager	Res Cons/Pub Outreach	Facilities Management	Finance & Administration	
6815	Employee Recognition Function	7,500	11,000	9,500	4,500			5,000	5,248
6817	Employee Survey Outreach	200	200	200				200	110
6820	Employee Assistance Program	866	4,000	2,000				2,000	1,105
6825	Employee Wellness Program	15,000	20,000	20,000				20,000	11,047
6830	Training & Professional Development	97,889	172,000	163,500	10,000	32,500	34,000	87,000	80,139
6835	Emergency Preparedness Mat'l & Sup	-	-	-				-	-
6840	DOT Testing	1,050	950	950				950	525
6845	Miscellaneous Personnel Expense	-	-	-				-	-
6850	Unemployment Insurance Benefit	11,735	-	-				-	-
6855	Donated Sick Leave	-	-	-				-	-
6872	Litigation - Outside Services	200,000	300,000	200,000	200,000			-	-
6874	Litigation - District	-	-	-				-	-
	Sub-Total	955,240	1,096,150	1,087,150	214,500	32,500	34,000	806,150	479,863
	Other G&A Expenses								
7100	Provision for Uncollectible Accts	40,000	40,000	50,000		50,000			-
7105	Dues, Subscriptions & Memberships	78,132	81,900	82,755	79,000	400	-	3,355	20,690
7110	Travel/Misc Staff Expense	972	2,650	2,150	100	200	1,500	350	1,176
7135	General Insurance	800,675	803,040	825,100				825,100	455,762
7145	Claims Paid	-	-	-				-	-
7152	LAFCO Charges	12,292	14,000	14,000	14,000	-		-	-
7155	Other Expenses	-	-	-				-	-
	Sub-Total	932,071	941,590	974,005	93,100	50,600	1,500	828,805	477,628
	Total Expenses	13,842,895	15,438,381	14,956,620	1,128,094	3,793,688	4,952,248	5,082,590	6,340,348
	Allocated Expenses								
7200	Allocated Technical Services-LV	-	-	-	-	107,903	(107,903)	-	-
7201	Allocated Information Systems	-	-	-		258,261		(258,261)	-
7202	Allocated Laboratory Services	(564,964)	(577,943)	(605,050)			(605,050)		(405,384)
7204	Allocated Expenses (Vehicle)	-	-	-	5,224	88,868	(99,316)	5,224	(1,093)
	Allocated Legal Services	(200,000)	(300,000)	(200,000)	(200,000)				
	Allocated Operations Bldg Maint	(177,609)	(209,098)	(174,658)			(174,658)		(87,329)
	Allocated G&A (Internal)	-	-	-	(128,074)	274,048	844,813	(990,787)	
	Sub-Total	(942,573)	(1,087,041)	(979,708)	(322,850)	729,080	(142,114)	(1,243,824)	(493,806)
	Net Expenses	12,900,322	14,351,340	13,976,912	805,244	4,522,768	4,810,134	3,838,766	5,846,541
	G & A Allocation:								
	Potable Water	5,387,968	6,122,224	5,870,793	285,597	3,049,353	1,665,381	870,462	
	Recycled Water	315,269	366,913	341,624	5,600	253,663	49,072	33,289	
	Sanitation	1,127,506	1,278,712	1,078,431	126,135	557,320	229,241	165,735	
	Joint Powers Authority	5,327,650	5,716,823	5,846,464	380,224	609,279	2,189,248	2,667,713	
	Developer Deposits	-	-	-	-	-	-	-	
	Standby Charge	-	-	-	-	-	-	-	
	Capital Projects	741,929	866,668	839,600	7,688	53,153	677,192	101,567	
	TOTAL ALLOCATIONS	12,900,322	14,351,340	13,976,912	805,244	4,522,768	4,810,134	3,838,766	

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2011-12 BUDGET WORKSHEET
INTERNAL SERVICE - BOARD OF DIRECTORS AND GENERAL MANAGER**

ACCT #	DESCRIPTION	2010-11 Estimated Actual	2010-11 Budget	2011-12 Budget	701112 Board 100% LV	Total General Mgr
	Operating Expenses					-
5405.2	Utility/Telephone	2,600	2,000	2,100	600	1,500
	Sub-Total	2,600	2,000	2,100	600	1,500
	Board Expenses					
6000	Directors' Fees	65,000	70,000	90,000	90,000	-
6005	Directors' Benefits	56,816	58,426	63,728	63,728	-
6010	Directors' Conference Expenses	20,000	14,000	20,000	20,000	-
6015	Directors' Miscellaneous	1,500	700	700	700	-
6020	Election Expense	16,911	45,000	-	-	-
	Sub-Total	160,227	188,126	174,428	174,428	-
	Payroll Expenses					
6100	Staff Salaries	349,794	351,295	353,510		353,510
6105	Staff Benefits	113,895	112,170	116,943		116,943
6110	Staff Taxes	19,348	23,732	25,513	5,432	20,081
	Sub-Total	483,037	487,197	495,966	5,432	490,534
	Office Equipment & Supplies					
6235	Records Management	57,842	65,300	63,000		63,000
	Sub-Total	57,842	65,300	63,000	-	63,000
	Professional Services					
6500	Legal Services	72,000	72,000	72,000		72,000
6505	Legal Advertising	4,800	10,000	7,000		7,000
6516	Other Professional Services	3,080	50,000	5,000		5,000
6522	Management Consultant Fees	-	-	-		-
	Sub-Total	79,880	132,000	84,000	-	84,000
	Res Conser/Public Outreach					
6606	Community Group Outreach	-	1,000	1,000		1,000
	Sub-Total	-	1,000	1,000	-	1,000
	Human Resources					
6815	Employee Recognition Function	2,500	6,000	4,500		4,500
6830	Training & Professional Development	12,500	10,000	10,000		10,000
6872	Litigation - Outside Services	200,000	300,000	200,000		200,000
6874	Litigation - District	-	-	-		-
	Sub-Total	215,000	316,000	214,500	-	214,500
	Other G&A Expenses					
7105	Dues, Subscriptions & Memberships	74,263	78,000	79,000		79,000
7110	Travel/Misc Staff Expense	60	100	100		100
7145	Claims Paid	-	100	-		-
7152	LAFCO Charges	-	-	14,000		14,000
	Sub-Total	74,323	78,200	93,100	-	93,100
	Total Expenses	1,072,909	1,269,823	1,128,094	180,460	947,634
	Allocated Expenses					
7204	Allocated Expenses (Vehicle)	5,042	4,714	5,224		5,224
	Allocated Legal Services	(200,000)	(300,000)	(200,000)		(200,000)
	Allocated G&A (Internal)	(129,035)	(148,996)	(128,074)	6,832	(134,906)
	Sub-Total	(323,993)	(444,282)	(322,850)	6,832	(329,682)
	Net Expenses	748,916	825,541	805,244	187,292	617,952
	G&A Allocations:					
	Potable Water	254,732	284,599	285,597	125,225	
	Recycled Water	5,012	5,599	5,600	1,336	
	Sanitation	112,407	125,595	126,135	60,731	
	Joint Powers Authority	369,848	401,925	380,224	-	
	Developer Deposits	-	-	-		
	Standby Charge	-	-	-		
	Capital Projects	6,917	7,723	7,688	-	
	Total	748,916	825,441	805,244	187,292	

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2011-12 BUDGET WORKSHEET
INTERNAL SERVICE - BOARD OF DIRECTORS AND GENERAL MANAGER**

ACCT #	DESCRIPTION	701121 General Manager	701122 Gen'l Manager 100% LV	701124 Gen'l Manager 100% JV	G & A JPA Share
Operating Expenses					
5405.2	Utility/Telephone	-	1,500	-	-
	Sub-Total	-	1,500	-	-
Board Expenses					
6000	Directors' Fees				
6005	Directors' Benefits				
6010	Directors' Conference Expenses				
6015	Directors' Miscellaneous				
6020	Election Expense				
	Sub-Total	-	-	-	-
Payroll Expenses					
6100	Staff Salaries	353,510			195,279
6105	Staff Benefits	116,943			64,599
6110	Staff Taxes	20,081			11,093
	Sub-Total	490,534	-	-	270,971
Office Equipment & Supplies					
6235	Records Management	63,000			34,801
	Sub-Total	63,000	-	-	34,801
Professional Services					
6500	Legal Services	72,000			39,773
6505	Legal Advertising	4,000	3,000		2,210
6516	Other Professional Services	5,000	-		2,762
6522	Management Consultant Fees	-			-
	Sub-Total	81,000	3,000	-	44,745
Res Conser/Public Outreach					
6606	Community Group Outreach	-	1,000		-
	Sub-Total	-	1,000	-	-
Human Resources					
6815	Employee Recognition Function	4,500			2,486
6830	Training & Professional Development	10,000			5,524
6872	Litigation - Outside Services	-	200,000		-
6874	Litigation - District				-
	Sub-Total	14,500	200,000	-	8,010
Other G&A Expenses					
7105	Dues, Subscriptions & Memberships	34,000	45,000		18,782
7110	Travel/Misc Staff Expense	100	-		55
7145	Claims Paid				-
7152	LAFCO Charges		14,000		-
	Sub-Total	34,100	59,000	-	18,837
Total Expenses					
		683,134	264,500	-	377,364
Allocated Expenses					
7204	Allocated Expenses (Vehicle)	5,224			2,886
	Allocated Legal Services	-	(200,000)		
	Allocated G&A (Internal)	(141,895)	6,989		
	Sub-Total	(136,671)	(193,011)	-	2,886
Net Expenses					
		546,463	71,489	-	380,250
G&A Allocations:					
	Potable Water	112,575	47,797		
	Recycled Water	3,754	510		
	Sanitation	42,222	23,182		
	Joint Powers Authority	380,224	-		
	Developer Deposits				
	Standby Charge				
	Capital Projects	7,688	-		
	Total	546,463	71,489		

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2011-12 BUDGET WORKSHEET**

INTERNAL SERVICE - RESOURCE CONSERVATION / PUBLIC OUTREACH

ACCT #	DESCRIPTION	2010-11	2010-11	2011-12	701210	701220	701221
		Estimated Actual	Budget	Budget	Res Co/Pb Administration	Outust. Svc. 100% LV	Admi Cust. Svc. 100% LV
Operating Expenses							
5400	Labor	271,029	388,656	368,632			14,052
5405.2	Utility/Telephone	11,671	10,300	11,700	2,000	300	6,000
5410	Supplies / Material	-	2,400	-			-
	Sub-Total	282,700	401,356	380,332	2,000	300	20,052
Maintenance Expenses							
5500	Labor	153,442	219,830	225,023			-
5510	Supplies / Material	180,000	180,000	220,000			-
5515	Outside Services	15,000	15,000	50,000			-
5530	Capital Outlay	370	4,900	-			-
	Sub-Total	348,812	419,730	495,023	-	-	-
Gen'l Specialty Expenses							
5725	General Supplies/Small Tool	8,000	10,000	8,000			4,000
	Sub-Total	8,000	10,000	8,000	-	-	4,000
Payroll Expenses							
6100	Staff Salaries	2,376,494	2,567,300	2,222,654	306,520	134,437	902,141
6102	Staff Overtime	43,588	45,408	38,887	1,624		24,200
6105	Staff Benefits	1,053,653	1,110,104	1,038,160	123,958	42,933	484,639
6110	Staff Taxes	183,935	204,674	177,393	20,014	9,229	76,142
6115	Staff Costs Recovered	(992,302)	(1,068,331)	(1,082,567)	(1,269)		(578,351)
	Sub-Total	2,665,368	2,859,155	2,394,527	450,847	186,599	908,771
Office Equipment & Supplies							
6200	Forms, Supplies & Postage	44,004	47,500	42,200	-	200	42,000
6210	Equipment Repairs	300	500	500			500
6215	Equipment Maintenance	200	200	1,000			1,000
6220	Outside Services	70,000	70,200	75,200			75,000
6230	Safety Equipment	2,000	5,550	2,500			2,000
	Sub-Total	116,504	123,950	121,400	-	200	120,500
Professional Services							
6516	Other Professional Services	-	190,000	55,000		30,000	-
	Sub-Total	-	190,000	55,000	-	30,000	-
Res Conser/Public Outreach							
6602	School Education Program	52,006	54,133	52,052			-
6604	Public Education Program	140,809	174,949	174,762			-
6606	Community Group Outreach	18,035	18,035	19,492			-
6608	Intergovernmental Coordination	10,000	17,542	10,000			-
	Sub-Total	220,850	264,659	256,306	-	-	-
Human Resources							
6830	Training & Professional Development	24,219	41,300	32,500	5,000	4,000	9,000
	Sub-Total	24,219	41,300	32,500	5,000	4,000	9,000
Other G&A Expenses							
7100	Provision for-Uncollectible Accts	40,000	40,000	50,000			50,000
7105	Dues, Subscriptions & Memberships	390	400	400	100		-
7110	Travel/Misc Staff Expense	147	500	200	200		-
7152	LAFCO Charges	12,292	14,000	-			-
	Sub-Total	52,829	54,900	50,600	300	-	50,000
	Total Expenses	3,719,282	4,365,050	3,793,688	458,147	221,099	1,112,323
Allocated Expenses							
7200	Allocated Technical Services-LV	-	-	107,903			107,903
7201	Allocated Information Systems	268,287	267,412	258,261			258,261
7204	Allocated Expenses (Vehicle)	85,774	80,188	88,868			73,195
	Allocated G&A (Internal)	292,034	305,506	274,048	(171,276)	(221,099)	511,703
	Sub-Total	354,061	653,106	729,080	(171,276)	(221,099)	951,062
	Net Expenses	4,073,343	5,018,156	4,522,768	286,871	-	2,063,385
G&A Allocations:							
	Potable Water	2,931,637	3,349,355	3,049,353	23,616	-	1,648,103
	Recycled Water	234,816	275,365	253,663	822	-	52,657
	Sanitation	620,402	761,247	557,320	9,364	-	353,601
	Joint Powers Authority	533,519	580,021	609,279	253,069	-	-
	Developer Deposits	-	-	-			-
	Standby Charge	-	-	-			-
	Capital Projects	45,003	52,168	53,153	-	-	9,024
	Total	4,365,377	5,018,156	4,522,768	286,871	-	2,063,385

LAS VIRGENES MUNICIPAL WATER DISTRICT

FY 2011-12 BUDGET WORKSHEET

INTERNAL SERVICE - RESOURCE CONSERVATION / PUBLIC OUTREACH

ACCT #	DESCRIPTION	701223	701224	701226	701230	701240	G & A
		Source/Waters Conservation	Meter Serv.-100%	Customer Svc Programs	Res Co/Pb Public Information	OutGIS/New Cust. Serv.-100%	JPA Share
Operating Expenses							
5400	Labor		354,580				-
5405.2	Utility/Telephone	1,400		1,000	1,000		1,657
5410	Supplies / Material						-
	Sub-Total	1,400	354,580	1,000	1,000		1,657
Maintenance Expenses							
5500	Labor		225,023				-
5510	Supplies / Material		220,000				-
5515	Outside Services		50,000				-
5530	Capital Outlay						-
	Sub-Total		495,023				-
Gen'l Specialty Expenses							
5725	General Supplies/Small Tool			4,000			-
	Sub-Total			4,000			-
Payroll Expenses							
6100	Staff Salaries	322,819		248,504	308,233		339,590
6102	Staff Overtime	3,082		6,935	3,046		2,580
6105	Staff Benefits	146,270		106,606	133,754		142,360
6110	Staff Taxes	24,263		24,118	23,627		24,107
6115	Staff Costs Recovered	(193,399)		(192,958)	(116,590)		(65,105)
	Sub-Total	303,035		193,205	352,070		443,532
Office Equipment & Supplies							
6200	Forms, Supplies & Postage						-
6210	Equipment Repairs						-
6215	Equipment Maintenance						-
6220	Outside Services			200			-
6230	Safety Equipment			500			-
	Sub-Total			700			-
Professional Services							
6516	Other Professional Services				25,000		13,810
	Sub-Total				25,000		13,810
Res Conser/Public Outreach							
6602	School Education Program				52,052		28,754
6604	Public Education Program				174,762		96,539
6606	Community Group Outreach				19,492		10,767
6608	Intergovernmental Coordination				10,000		5,524
	Sub-Total				256,306		141,584
Human Resources							
6830	Training & Professional Development	2,000		2,000	10,500		8,562
	Sub-Total	2,000		2,000	10,500		8,562
Other G&A Expenses							
7100	Provision for Uncollectible Accts						-
7105	Dues, Subscriptions & Memberships	300					55
7110	Travel/Misc Staff Expense						110
7152	LAFCO Charges						-
	Sub-Total	300					165
Total Expenses		306,735	849,603	200,905	644,876		609,310
Allocated Expenses							
7200	Allocated Technical Services-LV						-
7201	Allocated Information Systems						-
7204	Allocated Expenses (Vehicle)	5,224		10,449			-
	Allocated G&A (Internal)	132,359	134,311	76,220	(188,170)		-
	Sub-Total	137,583	134,311	86,669	(188,170)		-
Net Expenses		444,318	983,914	287,574	456,706		609,310
G&A Allocations:							
	Potable Water	255,820	954,721	96,712	70,381		-
	Recycled Water	161,570	29,193	2,957	6,464		-
	Sanitation			187,905	6,450		-
	Joint Powers Authority				356,210		-
	Developer Deposits						-
	Standby Charge						-
	Capital Projects	26,928			17,201		-
	Total	444,318	983,914	287,574	456,706		-

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2011-12 BUDGET WORKSHEET
INTERNAL SERVICE - FACILITIES AND OPERATIONS**

ACCT #	DESCRIPTION	2010-11 Estimated Actual	2010-11 Budget	2011-12 Budget	701001 Headquarter Building	701002 Operation Building
Operating Expenses						
5405.1	Utility - Energy	152,000	170,000	170,000	130,000	40,000
5405.2	Utility - Telephone	91,737	117,120	106,120	85,000	2,500
5405.3	Utility - Gas	22,150	27,000	27,000	20,000	7,000
5405.4	Utility - Water	17,035	13,000	21,000	12,000	9,000
	Sub-Total	282,922	327,120	324,120	247,000	58,500
Maintenance Expenses						
5500	Labor	142,988	129,652	110,139	60,246	35,908
5510	Supplies / Material	82,790	86,000	90,000	15,000	10,000
5510.1	Fuel	109,800	110,000	120,000		
5515	Outside Services	282,800	291,000	304,000	115,000	65,000
5520	Permits / Fees	9,909	12,011	10,061	-	5,250
5525	Consulting Services	-	-	-		
5530	Capital Outlay	24,496	31,500	17,000	10,000	-
	Sub-Total	652,783	660,163	651,200	200,246	116,158
Gen'l Specialty Expenses						
5725	General Supplies/Small Tool	37,134	62,000	25,250		
	Sub-Total	37,134	62,000	25,250	-	-
Payroll Expenses						
6100	Staff Salaries	5,565,418	6,298,985	5,925,428		
6102	Staff Overtime	226,873	160,012	152,059		
6105	Staff Benefits	2,629,857	2,898,661	2,953,104		
6110	Staff Taxes	662,254	690,631	688,628		
6115	Staff Costs Recovered	(5,922,836)	(6,329,285)	(5,976,596)		
	Sub-Total	3,161,566	3,719,004	3,742,623	-	-
Office Equipment & Supplies						
6225	Radio Maintenance Expense	26,582	27,500	27,500		
6230	Safety Equipment	11,220	22,825	17,550		
	Sub-Total	37,802	50,325	45,050	-	-
Vehicle Maintenance						
6255	Rental Charge - Vehicles	117,641	117,641	128,505		
	Sub-Total	117,641	117,641	128,505	-	-
Human Resources						
6830	Training & Professional Development	29,370	46,200	34,000		
	Sub-Total	29,370	46,200	34,000	-	-
Other G&A Expenses						
7110	Travel/Misc Staff Expense	515	1,750	1,500		
	Sub-Total	644	1,750	1,500	-	-
Total Expenses		4,319,862	4,984,203	4,952,248	447,246	174,658
Allocated Expenses						
7200	Allocated Technical Services-LV	-	-	(107,903)		
7202	Allocated Laboratory Expenses	(564,964)	(577,943)	(605,050)		
7204	Allocated Expenses (Vehicle)	(95,858)	(89,616)	(99,316)		
	Allocated Operations Bldg Maint	(177,609)	(209,098)	(174,658)		(174,658)
	Allocated G&A (Internal)	740,830	779,948	844,813	(200,200)	68,363
	Sub-Total	(97,601)	(96,709)	(142,114)	(200,200)	(106,295)
Net Expenses		4,222,261	4,887,494	4,810,134	247,046	68,363
G&A Allocations:						
	Potable Water	1,402,823	1,648,513	1,665,381	-	68,363
	Recycled Water	45,001	54,134	49,072	-	-
	Sanitation	238,096	229,928	229,241	-	-
	Joint Powers Authority	1,937,701	2,244,501	2,189,248	247,046	-
	Developer Deposits	-	-	-		
	Standby Charge	-	-	-		
	Capital Projects	598,640	710,418	677,192	-	-
	Total	4,222,261	4,887,494	4,810,134	247,046	68,363

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2011-12 BUDGET WORKSHEET
INTERNAL SERVICE - FACILITIES AND OPERATIONS**

ACCT #	DESCRIPTION	701310 Facilities Management	701320 Facilities Fac Mnt Adm	701321 Facilities Maintenance	701322 Facilities Construction	701325 Fleet Maintenance
Operating Expenses						
5405.1	Utility - Energy					
5405.2	Utility - Telephone	1,000	250	3,000	2,400	360
5405.3	Utility - Gas					
5405.4	Utility - Water					
	Sub-Total	<u>1,000</u>	<u>250</u>	<u>3,000</u>	<u>2,400</u>	<u>360</u>
Maintenance Expenses						
5500	Labor			-	-	13,985
5510	Supplies / Material					25,000
5510.1	Fuel					120,000
5515	Outside Services					120,000
5520	Permits / Fees					2,000
5525	Consulting Services			-		-
5530	Capital Outlay			-		5,000
	Sub-Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>285,985</u>
Gen'l Specialty Expenses						
5725	General Supplies/Small Tool			5,000	10,000	
	Sub-Total	<u>-</u>	<u>-</u>	<u>5,000</u>	<u>10,000</u>	<u>-</u>
Payroll Expenses						
6100	Staff Salaries	337,321	133,786	549,026	505,682	71,364
6102	Staff Overtime	-	549	17,353	15,555	2,523
6105	Staff Benefits	126,230	62,616	305,396	271,139	40,801
6110	Staff Taxes	20,513	9,206	71,056	63,926	9,055
6115	Staff Costs Recovered			(807,746)	(708,949)	-
	Sub-Total	<u>484,064</u>	<u>206,157</u>	<u>135,085</u>	<u>147,353</u>	<u>123,743</u>
Office Equipment & Supplies						
6225	Radio Maintenance Expense		-			
6230	Safety Equipment			3,000	1,500	
	Sub-Total	<u>-</u>	<u>-</u>	<u>3,000</u>	<u>1,500</u>	<u>-</u>
Vehicle Maintenance						
6255	Rental Charge - Vehicles					128,505
	Sub-Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>128,505</u>
Human Resources						
6830	Training & Professional Development	8,500	500	5,000	2,500	
	Sub-Total	<u>8,500</u>	<u>500</u>	<u>5,000</u>	<u>2,500</u>	<u>-</u>
Other G&A Expenses						
7110	Travel/Misc Staff Expense	500	100	100	-	-
	Sub-Total	<u>500</u>	<u>100</u>	<u>100</u>	<u>-</u>	<u>-</u>
Total Expenses		<u>494,064</u>	<u>207,007</u>	<u>151,185</u>	<u>163,753</u>	<u>538,593</u>
Allocated Expenses						
7200	Allocated Technical Services-LV					
7202	Allocated Laboratory Expenses					
7204	Allocated Expenses (Vehicle)	5,224	3,662	78,473	141,274	(538,593)
	Allocated Operations Bldg Maint					
	Allocated G&A (Internal)	134,463	51,069	11,116	69,265	-
	Sub-Total	<u>139,687</u>	<u>54,731</u>	<u>89,589</u>	<u>210,539</u>	<u>(538,593)</u>
Net Expenses		<u>633,751</u>	<u>261,738</u>	<u>240,774</u>	<u>374,292</u>	<u>-</u>
G&A Allocations:						
	Potable Water	250,284	101,644	101,383	173,748	-
	Recycled Water	23,112	9,386	-	16,044	-
	Sanitation	23,062	9,365	12,537	16,010	-
	Joint Powers Authority	275,793	116,366	126,854	168,490	-
	Developer Deposits					
	Standby Charge					
	Capital Projects	61,500	24,977	-	-	-
	Total	<u>633,751</u>	<u>261,738</u>	<u>240,774</u>	<u>374,292</u>	<u>-</u>

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2011-12 BUDGET WORKSHEET
INTERNAL SERVICE - FACILITIES AND OPERATIONS**

ACCT #	DESCRIPTION	701326 Electrical Instrumentation	701330 Facilities Wtr Admin	701331 Facilities Production	701340 Facilities Wtr Rclm Adm	701341 Facilities Laboratory
Operating Expenses						
5405.1	Utility - Energy					
5405.2	Utility - Telephone	3,000	110	5,500	350	350
5405.3	Utility - Gas					
5405.4	Utility - Water					
	Sub-Total	<u>3,000</u>	<u>110</u>	<u>5,500</u>	<u>350</u>	<u>350</u>
Maintenance Expenses						
5500	Labor	-				
5510	Supplies / Material					40,000
5510.1	Fuel					
5515	Outside Services					4,000
5520	Permits / Fees					2,811
5525	Consulting Services					-
5530	Capital Outlay					2,000
	Sub-Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>48,811</u>
Gen'l Specialty Expenses						
5725	General Supplies/Small Tool	5,000		5,000		-
	Sub-Total	<u>5,000</u>	<u>-</u>	<u>5,000</u>	<u>-</u>	<u>-</u>
Payroll Expenses						
6100	Staff Salaries	666,067	75,074	822,613	293,532	433,799
6102	Staff Overtime	21,485	549	26,248	2,755	13,419
6105	Staff Benefits	326,579	38,415	446,156	142,832	210,961
6110	Staff Taxes	84,983	5,419	103,769	29,282	59,066
6115	Staff Costs Recovered	(837,007)		(1,078,128)		(172,855)
	Sub-Total	<u>262,107</u>	<u>119,457</u>	<u>320,658</u>	<u>468,401</u>	<u>544,390</u>
Office Equipment & Supplies						
6225	Radio Maintenance Expense	27,500	-			
6230	Safety Equipment	3,000		4,200		450
	Sub-Total	<u>30,500</u>	<u>-</u>	<u>4,200</u>	<u>-</u>	<u>450</u>
Vehicle Maintenance						
6255	Rental Charge - Vehicles					
	Sub-Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Human Resources						
6830	Training & Professional Development	5,000	1,000	5,000	1,500	500
	Sub-Total	<u>5,000</u>	<u>1,000</u>	<u>5,000</u>	<u>1,500</u>	<u>500</u>
Other G&A Expenses						
7110	Travel/Misc Staff Expense	100	-	150	100	100
	Sub-Total	<u>100</u>	<u>-</u>	<u>150</u>	<u>100</u>	<u>100</u>
	Total Expenses	<u>305,707</u>	<u>120,567</u>	<u>340,508</u>	<u>470,351</u>	<u>594,601</u>
Allocated Expenses						
7200	Allocated Technical Services-LV					
7202	Allocated Laboratory Expenses					(605,050)
7204	Allocated Expenses (Vehicle)	47,019	1,562	88,923	5,224	10,449
	Allocated Operations Bldg Maint					
	Allocated G&A (Internal)	22,502	35,862	89,702	(212,880)	408,922
	Sub-Total	<u>69,521</u>	<u>37,424</u>	<u>178,625</u>	<u>(207,656)</u>	<u>(185,679)</u>
	Net Expenses	<u>375,228</u>	<u>157,991</u>	<u>519,133</u>	<u>262,695</u>	<u>408,922</u>
G&A Allocations:						
	Potable Water	150,614	90,530	281,928	-	408,922
	Recycled Water	530	-	-	-	-
	Sanitation	28,380	-	-	-	-
	Joint Powers Authority	194,836	67,461	237,205	262,695	-
	Developer Deposits					
	Standby Charge					
	Capital Projects	868	-	-	-	-
	Total	<u>375,228</u>	<u>157,991</u>	<u>519,133</u>	<u>262,695</u>	<u>408,922</u>

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2011-12 BUDGET WORKSHEET
INTERNAL SERVICE - FACILITIES AND OPERATIONS**

ACCT #	DESCRIPTION	701342 Facilities Treatment	701343 Facilities Composting	701350 Technical Services	Total JPA Share
Operating Expenses					
5405.1	Utility - Energy				91,808
5405.2	Utility - Telephone	450	850	1,000	58,427
5405.3	Utility - Gas				14,547
5405.4	Utility - Water				11,128
	Sub-Total	450	850	1,000	175,910
Maintenance Expenses					
5500	Labor				57,715
5510	Supplies / Material				51,674
5510.1	Fuel				55,624
5515	Outside Services				154,328
5520	Permits / Fees				5,435
5525	Consulting Services				-
5530	Capital Outlay				9,182
	Sub-Total	-	-	-	333,958
Gen'l Specialty Expenses					
5725	General Supplies/Small Tool	-	-	250	13,930
	Sub-Total	-	-	250	13,930
Payroll Expenses					
6100	Staff Salaries	723,356	461,648	852,160	3,258,910
6102	Staff Overtime	23,236	14,472	13,915	84,387
6105	Staff Benefits	349,880	240,029	392,070	1,625,341
6110	Staff Taxes	98,701	63,158	70,494	381,656
6115	Staff Costs Recovered	(1,177,779)	(725,818)	(468,314)	(3,289,313)
	Sub-Total	17,394	53,489	860,325	2,060,981
Office Equipment & Supplies					
6225	Radio Maintenance Expense				15,190
6230	Safety Equipment	1,000	4,000	400	9,720
	Sub-Total	1,000	4,000	400	24,910
Vehicle Maintenance					
6255	Rental Charge - Vehicles				59,567
	Sub-Total	-	-	-	59,567
Human Resources					
6830	Training & Professional Development	1,000	2,500	1,000	18,770
	Sub-Total	1,000	2,500	1,000	18,770
Other G&A Expenses					
7110	Travel/Misc Staff Expense	100		250	823
	Sub-Total	100	-	250	823
Total Expenses					
		19,944	60,839	863,225	2,688,850
Allocated Expenses					
7200	Allocated Technical Services-LV			(107,903)	-
7202	Allocated Laboratory Expenses				(405,384)
7204	Allocated Expenses (Vehicle)	20,897	20,897	15,673	(6,865)
	Allocated Operations Bldg Maint				(87,329)
	Allocated G&A (Internal)	27,590	57,429	281,610	-
	Sub-Total	48,487	78,326	189,380	(499,578)
Net Expenses					
		68,431	139,165	1,052,605	2,189,271
G&A Allocations:					
	Potable Water	-	-	37,965	
	Recycled Water	-	-	-	
	Sanitation	45,872	94,015	-	
	Joint Powers Authority	22,559	45,150	424,793	
	Developer Deposits				
	Standby Charge				
	Capital Projects	-	-	589,847	
	Total	68,431	139,165	1,052,605	

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2011-12 BUDGET WORKSHEET
INTERNAL SERVICE - FINANCE AND ADMINISTRATION**

ACCT #	DESCRIPTION	2010-11 Estimated Actual	2010-11 Budget	2011-12 Budget	701410 Fin & Adm Admin	701420 Fin & Adm Info Systems	701430 Fin & Adm Human Res
Operating Expenses							
5400	Labor	10,792	7,764	6,840			
5405.2	Utility - Telephone	25,350	38,360	25,360	-	25,000	
5430	Capital Outlay	47,100	47,100	66,500		62,000	4,500
	Sub-Total	83,242	93,224	98,700	-	87,000	4,500
Inventory Expenses							
5536	Inventory Adjustment	9,500	9,000	9,500			
Payroll Expenses							
6100	Staff Salaries	1,731,154	1,818,797	1,791,786	250,443	587,861	218,323
6102	Staff Overtime	1,447	24,582	24,752	1,098	10,744	1,305
6105	Staff Benefits	777,376	780,631	859,749	100,904	269,757	94,074
6110	Staff Taxes	132,779	143,889	147,909	15,417	50,556	16,767
6115	Staff Costs Recovered	(127,792)	(144,722)	(138,414)	-	(138,414)	
	Sub-Total	2,514,964	2,623,177	2,685,782	367,862	780,504	330,469
Office Equipment & Supplies							
6200	Forms, Supplies & Postage	108,970	112,870	118,910	95,000	22,000	500
6205	Equipment Rental	10,172	9,200	10,200	5,200	5,000	
6210	Equipment Repairs	1,000	1,000	1,000		1,000	
6215	Equipment Maintenance	255,600	266,925	256,000	1,000	255,000	
6220	Outside Services	25,974	7,000	51,143	3,543		2,600
6250	Equipment Interest Expense	6,200	4,569	6,300		6,300	
	Sub-Total	407,916	401,564	443,553	104,743	289,300	3,100
Professional Services							
6500	Legal Services	125,000	15,000	15,000			15,000
6516	Other Professional Services	6,494	11,650	13,600	1,600	12,000	
6517	Audit Fees	33,000	36,300	34,000	34,000		
6522	Management Consultant Fees	59,800	130,000	147,500	110,000		37,500
	Sub-Total	224,294	192,950	210,100	145,600	12,000	52,500
Human Resources							
6800	Safety	38,000	38,000	38,000			38,000
6810	Recruitment Expense	10,000	20,000	10,000			10,000
6812	Retired Employee Benefits	573,000	530,000	643,000			643,000
6815	Employee Recognition Function	5,000	5,000	5,000			5,000
6817	Employee Survey Outreach	200	200	200			200
6820	Employee Assistance Program	866	4,000	2,000			2,000
6825	Employee Wellness Program	15,000	20,000	20,000			20,000
6830	Training & Professional Development	31,800	74,500	87,000	9,000	14,000	60,000
6840	DOT Testing	1,050	950	950			950
6845	Miscellaneous Personnel Expense	-	-	-			-
6850	Unemployment Insurance Benefit	11,735	-	-			-
6855	Donated Sick Leave	-	-	-			-
6874	Litigation - District	11,735	-	-			-
	Sub-Total	698,386	692,650	806,150	9,000	14,000	779,150
Other G&A Expenses							
7105	Dues, Subscriptions & Memberships	3,350	3,500	3,355	655	-	1,500
7110	Travel/Misc Staff Expense	250	300	350	150	100	-
7135.1	Property Insurance	26,675	26,740	27,500	27,500		
7135.2	Liability Insurance	273,082	252,700	288,100	288,100		
7135.3	Auto Insurance	87,594	113,200	82,700	82,700		
7135.4	Earthquake Insurance	53,288	56,700	53,800	53,800		
7135.5	Excess	360,036	353,700	373,000	373,000		
7145	Claims Paid	-	-	-			
7155	Other Expenses	-	-	-			
	Sub-Total	804,275	806,840	828,805	825,905	100	1,500
	Total Expenses	4,742,577	4,819,405	5,082,590	1,453,110	1,182,904	1,171,219

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2011-12 BUDGET WORKSHEET
INTERNAL SERVICE - FINANCE AND ADMINISTRATION**

ACCT #	DESCRIPTION	701440 Fin & Adm Accounting	701004 Fin & Adm Warehouse	Total JPA Share
Operating Expenses				
5400	Labor	-	6,840	3,778
5405.2	Utility - Telephone	360		12,627
5430	Capital Outlay			33,308
	Sub-Total	360	6,840	49,713
Inventory Expenses				
5536	Inventory Adjustment		9,500	5,248
Payroll Expenses				
6100	Staff Salaries	735,159		924,789
6102	Staff Overtime	11,605		12,485
6105	Staff Benefits	395,014		445,100
6110	Staff Taxes	65,169		76,116
6115	Staff Costs Recovered	-		(61,165)
	Sub-Total	1,206,947	-	1,397,325
Office Equipment & Supplies				
6200	Forms, Supplies & Postage	1,410		64,467
6205	Equipment Rental			5,358
6210	Equipment Repairs			497
6215	Equipment Maintenance			92,108
6220	Outside Services	45,000		28,250
6250	Equipment Interest Expense			3,480
	Sub-Total	46,410	-	194,160
Professional Services				
6500	Legal Services			8,286
6516	Other Professional Services			7,512
6517	Audit Fees			18,781
6522	Management Consultant Fees			81,475
	Sub-Total	-	-	116,054
Human Resources				
6800	Safety			20,990
6810	Recruitment Expense			5,524
6812	Retired Employee Benefits			355,175
6815	Employee Recognition Function			2,762
6817	Employee Survey Outreach			110
6820	Employee Assistance Program			1,105
6825	Employee Wellness Program			11,047
6830	Training & Professional Development	4,000		47,283
6840	DOT Testing			525
6845	Miscellaneous Personnel Expense			-
6850	Unemployment Insurance Benefit			-
6855	Donated Sick Leave			-
6874	Litigation - District			-
	Sub-Total	4,000	-	444,521
Other G&A Expenses				
7105	Dues, Subscriptions & Memberships	1,200		1,853
7110	Travel/Misc Staff Expense	100		188
7135.1	Property Insurance			15,190
7135.2	Liability Insurance			159,138
7135.3	Auto Insurance			45,681
7135.4	Earthquake Insurance			29,718
7135.5	Excess			206,035
7145	Claims Paid			-
7155	Other Expenses			-
	Sub-Total	1,300	-	457,803
	Total Expenses	1,259,017	16,340	2,664,824

LAS VIRGENES MUNICIPAL WATER DISTRICT

FY 2011-12 BUDGET WORKSHEET

INTERNAL SERVICE - FINANCE AND ADMINISTRATION

ACCT #	DESCRIPTION	2010-11 Estimated Actual	2010-11 Budget	2011-12 Budget	701410 Fin & Adm Admin	701420 Fin & Adm Info Systems	701430 Fin & Adm Human Res
Allocated Expenses							
7201	Allocated Information Systems	(268,287)	(267,412)	(258,261)		(258,261)	
7204	Allocated Expenses (Vehicle)	5,042	4,714	5,224		5,224	
	Allocated G&A (Internal)	(903,829)	(936,458)	(990,787)	(278,568)	(305,544)	(358,647)
	Sub-Total	<u>(1,167,074)</u>	<u>(1,199,156)</u>	<u>(1,243,824)</u>	<u>(278,568)</u>	<u>(558,581)</u>	<u>(358,647)</u>
	Net Expenses	<u>3,575,503</u>	<u>3,620,249</u>	<u>3,838,766</u>	<u>1,174,542</u>	<u>624,323</u>	<u>812,572</u>

G&A Allocations:

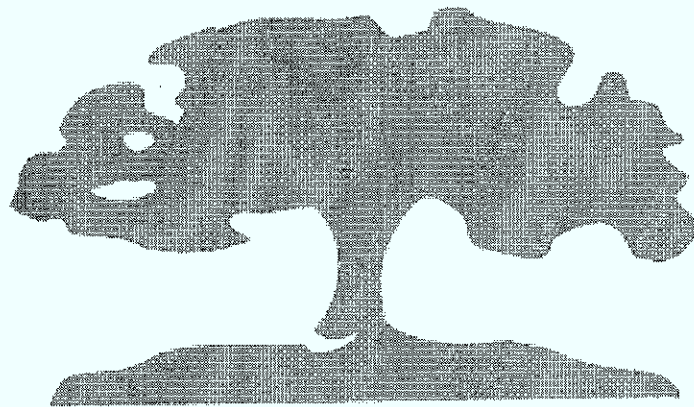
Potable Water	798,776	839,757	870,462	248,644	77,521	115,992
Recycled Water	30,440	31,815	33,289	2,651	7,120	10,654
Sanitation	156,601	161,942	165,735	120,588	7,104	10,630
Joint Powers Authority	2,486,582	2,490,376	2,667,713	802,659	513,632	646,948
Developer Deposits	-	-	-			
Standby Charge	-	-	-			
Capital Projects	91,369	96,359	101,567	-	18,946	28,348
Total	<u>3,563,768</u>	<u>3,620,249</u>	<u>3,838,766</u>	<u>1,174,542</u>	<u>624,323</u>	<u>812,572</u>

**LAS VIRGENES MUNICIPAL WATER DISTRICT
 FY 2011-12 BUDGET WORKSHEET
 INTERNAL SERVICE - FINANCE AND ADMINISTRATION**

ACCT #	DESCRIPTION	701440 Fin & Adm Accounting	701004 Fin & Adm Warehouse	Total JPA Share
Allocated Expenses				
7201	Allocated Information Systems			-
7204	Allocated Expenses (Vehicle)			2,886
	Allocated G&A (Internal)	(31,688)	(16,340)	-
	Sub-Total	<u>(31,688)</u>	<u>(16,340)</u>	<u>2,886</u>
	Net Expenses	<u>1,227,329</u>	<u>-</u>	<u>2,667,710</u>

G&A Allocations:

Potable Water	428,305	-
Recycled Water	12,864	-
Sanitation	27,413	-
Joint Powers Authority	704,474	-
Developer Deposits		-
Standby Charge		-
Capital Projects	54,273	-
Total	<u>1,227,329</u>	<u>-</u>



G & A Allocations Estimated Actual - FY 2010-11

I Labor Hour Ratio

Division	Hours	Ratio (Formula)	Ratio (Value)
LV	33,546	37.5330%	37.53%
JPA	49,745	55.6575%	55.66%
CIP's	6,086	6.8095%	6.81%
Total	89,376	100.0000%	100.00%

II Allocation Ratio for Vehicle Expenses (701325)

Total Expenses in "701325"				
			519,845	
Alloc To:	Bus Unit	Ratio	Allocated \$	JPA Share
	701121	0.0097	5,042	0.005399
	701221	0.1359	70,648	
	701223	0.0097	5,042	
	701226	0.0097	5,042	
	701240	0.0097	5,042	
	701310	0.0097	5,042	0.005399
	701320	0.0068	3,535	0.003785
	701321	0.1457	75,742	0.081097
	701322	0.2623	136,356	0.145996
	701326	0.0873	45,383	0.048591
	701330	0.0029	1,508	0.001614
	701331	0.1651	85,827	0.091895
	701340	0.0097	5,042	0.005399
	701341	0.0194	10,085	0.012998
	701342	0.0388	20,170	0.021596
	701343	0.0388	20,170	0.021596
	701350	0.0291	15,127	0.016197
	701420	0.0097	5,042	0.005399
	Total	1.0000	519,845	0.466961

III. Allocating partial IS (701420) costs to "701221.7201"

Obj. A/C	Amount	Ratio	Allocated \$
5400~5530	67,600	0.10	6,760
6100~6115	675,906	0.25	168,977
6215	255,000	0.35	89,250
6200~6210	28,000	0.10	2,800
6830	5,000	0.10	500
	Total		268,287

IV. Allocating Lab (701341) costs:

Total Expenses in "701341"				
			564,964	
Alloc To:	Bus Unit	Ratio	Allocated \$	
	101300	0.2600	146,891	
	101600	0.0700	39,547	
	751810	0.6100	344,628	} 0.6700 378,526
	751820	0.0200	11,299	
	751830	0.0400	22,599	
	Total	1.0000	564,964	

JPA % 0.6700

V. Allocating Op. Building (701002) costs:

Total Expenses in "701002"				
			177,609	
Alloc To:	Bus Unit	Ratio	Allocated \$	
	101900	0.5000	88,805	
	751840	0.5000	88,804	
	Total	1.0000	177,609	

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
INTERNAL SERVICE - SUMMARY**

ACCT #	DESCRIPTION	2010-11 Budgeted	2010-11 Est. Actual	General Manager	Resource Cons Public Outreach	Facilities & Operations	Finance & Administration	JPA Share
Operating Expenses								
5400	Labor	396,420	281,821		271,029		10,792	6,007
5405.1	Utility - Energy	170,000	152,000			152,000		82,509
5405.2	Utility - Telephone	167,780	131,358	2,600	11,671	91,737	25,350	65,346
5405.3	Utility - Gas	27,000	22,150			22,150		11,995
5405.4	Utility - Water	13,000	17,035			17,035		9,061
5410	Supplies / Material	2,400	-		-			-
5430	Capital Outlay	47,100	47,100				47,100	23,845
	Sub-Total	823,700	651,464	2,600	282,700	282,922	83,242	198,762
Maintenance Expenses								
5500	Labor	349,482	296,430		153,442	142,988		74,963
5510	Supplies / Material	266,000	262,790		180,000	82,790		47,298
5510.1	Fuel	110,000	109,800			109,800		51,272
5515	Outside Services	306,000	297,800		15,000	282,800		143,200
5520	Permits / Fees	12,011	9,909			9,909		5,386
5525	Consulting Services	-	-			-		-
5530	Capital Outlay	36,400	24,866		370	24,496		12,928
	Sub-Total	1,079,893	1,001,595	-	348,812	652,783	-	335,047
Inventory Expenses								
5536	Inventory Adjustment	9,000	9,500	-	-	-	9,500	5,288
Gen'l Specialty Expenses								
5725	General Supplies/Small Tool	72,000	45,134	-	8,000	37,134	-	20,669
Board Expenses								
6000	Director's Fees	70,000	65,000	65,000				
6005	Director's Benefits	58,426	56,816	56,816				
6010	Director's Conference Expenses	14,000	20,000	20,000				
6015	Director's Miscellaneous	700	1,500	1,500				
6020	Election Expense	45,000	16,911	16,911				
	Sub-Total	188,126	160,227	160,227	-	-	-	-
Payroll Expenses								
6100	Staff Salaries	11,036,377	10,022,860	349,794	2,376,494	5,565,418	1,731,154	4,555,093
6102	Staff Overtime	230,002	271,908		43,588	226,873	1,447	129,005
6105	Staff Benefits	4,901,566	4,574,781	113,895	1,053,653	2,629,857	777,376	2,082,760
6110	Staff Taxes	1,062,926	998,316	19,348	183,935	662,254	132,779	471,674
6115	Staff Costs Recovered	(7,542,338)	(7,042,930)		(992,302)	(5,922,836)	(127,792)	(3,453,886)
	Sub-Total	9,688,533	8,824,935	483,037	2,665,368	3,161,566	2,514,964	3,784,646
Office Equipment & Supplies								
6200	Forms, Supplies & Postage	160,370	152,974	-	44,004	-	108,970	59,428
6205	Equipment Rental	9,200	10,172				10,172	5,383
6210	Equipment Repairs	1,500	1,300		300		1,000	501
6215	Equipment Maintenance	267,125	255,800		200	-	255,600	92,590
6220	Outside Services	77,200	95,974		70,000		25,974	14,457
6225	Radio Maintenance Expense	27,500	26,582			26,582		14,796
6230	Safety Equipment	28,375	13,220		2,000	11,220		6,287
6235	Records Management	65,300	57,842	57,842				32,195
6250	Equipment Interest Expense	4,569	6,200				6,200	3,451
	Sub-Total	641,139	620,064	57,842	116,504	37,802	407,916	229,088
Vehicle Maintenance								
6255	Rental Charge - Vehicles	117,641	117,641			117,641		54,934
Professional Services								
6500	Legal Services	87,000	197,000	72,000			125,000	109,650
6505	Legal Advertising	10,000	4,800	4,800				1,002
6516	Other Professional Services	251,650	9,574	3,080	-	-	6,494	5,007
6517	Audit Fees	36,300	33,000				33,000	18,368
6522	Management Consultant Fees	130,000	59,800	-			59,800	33,285
	Sub-Total	514,950	304,174	79,880	-	-	224,294	167,312
Res Conser/Public Outreach								
6602	School Education Program	54,133	52,006		52,006			28,947
6604	Public Education Program	174,949	140,809		140,809			78,374
6606	Community Group Outreach	19,035	18,035	-	18,035			10,038
6608	Intergovernmental Coordination	17,542	10,000		10,000			5,566
	Sub-Total	265,659	220,850	-	220,850	-	-	122,925
Human Resources								
6800	Safety	38,000	38,000		-	-	38,000	21,151
6805	Haz-Mat	-	-				-	-
6810	Recruitment Expense	20,000	10,000				10,000	5,566
6812	Retired Employee Benefits	530,000	573,000				573,000	318,931
6815	Employee Recognition Function	11,000	7,500	2,500			5,000	4,175

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
INTERNAL SERVICE - SUMMARY**

ACCT #	DESCRIPTION	2010-11 Budgeted	2010-11 Est. Actual	General Manager	Resource Cons Public Outreach	Facilities & Operations	Finance & Administration	JPA Share
6817	Employee Survey Outreach	200	200				200	111
6820	Employee Assistance Program	4,000	866				866	482
6825	Employee Wellness Program	20,000	15,000				15,000	8,349
6830	Training & Professional Development	172,000	97,889	12,500	24,219	29,370	31,800	45,294
6835	Emergency Preparedness Mat'l & Sup	-	-				-	-
6840	DOT Testing	950	1,050				1,050	584
6845	Miscellaneous Personnel Expense	-	-				-	-
6850	Unemployment Insurance Benefit	-	11,735				11,735	6,532
6855	Donated Sick Leave	-	-				-	-
6872	Litigation - Outside Services	300,000	200,000	200,000			-	-
6874	Litigation - District	-	-				-	-
	Sub-Total	1,096,150	955,240	215,000	24,219	29,370	686,651	411,175
	Other G&A Expenses							
7100	Provision for Uncollectible Accts	40,000	40,000		40,000			-
7105	Dues, Subscriptions & Memberships	81,900	78,132	74,263	390	129	3,350	19,118
7110	Travel/Misc Staff Expense	2,650	972	60	147	515	250	544
7135	General Insurance	803,040	800,675				800,675	445,655
7145	Claims Paid	-	-				-	-
7152	LAFCO Charges	14,000	12,292		12,292			-
7155	Other Expenses	-	-				-	-
	Sub-Total	941,590	932,071	74,323	52,829	644	804,275	465,317
	Total Expenses	15,438,381	13,842,895	1,072,909	3,719,282	4,319,862	4,730,842	5,795,163
	Allocated Expenses							
7201	Allocated Information Systems	-	-		268,287		(268,287)	-
7202	Allocated Laboratory Services	(577,943)	(564,964)			(564,964)		(378,526)
7204	Allocated Expenses (Vehicle)	-	-	5,042	85,774	(95,858)	5,042	-
	Allocated Legal Services	(300,000)	(200,000)	(200,000)				-
	Allocated Operations Bldg Maint	(209,098)	(177,609)			(177,609)		(88,805)
	Allocated G&A (Internal)	-	-	(129,035)	292,034	740,830	(903,829)	-
	Sub-Total	(1,087,041)	(942,573)	(323,993)	646,095	(97,601)	(1,167,074)	(467,331)
	Net Expenses	14,351,340	12,900,322	748,916	4,365,377	4,222,261	3,563,768	5,327,832
	G & A Allocation:							
	Potable Water	6,122,224	5,387,968	254,732	2,931,637	1,402,823	798,776	
	Recycled Water	366,913	315,269	5,012	234,816	45,001	30,440	
	Sanitation	1,278,712	1,127,506	112,407	620,402	238,096	156,601	
	Water Conservation	-	-	-	-	-	-	
	Joint Powers Authority	5,716,823	5,327,650	369,848	533,519	1,937,701	2,486,582	
	Developer Deposits	-	-	-	-	-	-	
	Standby Charge	-	-	-	-	-	-	
	Capital Projects	866,868	741,929	6,917	45,003	598,640	91,369	
	TOTAL ALLOCATIONS	14,351,340	12,900,322	748,916	4,365,377	4,222,261	3,563,768	

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
INTERNAL SERVICE - BOARD OF DIRECTORS AND GENERAL MANAGER**

ACCT #	DESCRIPTION	2010-11 Budget	2010-11 Estimated Actual	701112 Board 100% LV	Total General Mgr
	Operating Expenses				-
5405.2	Utility/Telephone	2,000	2,600	800	1,800
	Sub-Total	2,000	2,600	800	1,800
	Board Expenses				
6000	Director's Fees	70,000	65,000	65,000	-
6005	Director's Benefits	58,426	56,816	56,816	-
6010	Director's Conference Expenses	14,000	20,000	20,000	-
6015	Director's Miscellaneous	700	1,500	1,500	-
6020	Election Expense	45,000	16,911	16,911	-
	Sub-Total	188,126	160,227	160,227	-
	Payroll Expenses				
6100	Staff Salaries	351,295	349,794		349,794
6105	Staff Benefits	112,170	113,895		113,895
6110	Staff Taxes	23,732	19,348	3,551	15,797
	Sub-Total	487,197	483,037	3,551	479,486
	Office Equipment & Supplies				
6235	Records Management	65,300	57,842		57,842
	Sub-Total	65,300	57,842	-	57,842
	Professional Services				
6500	Legal Services	72,000	72,000		72,000
6505	Legal Advertising	10,000	4,800		4,800
6516	Other Professional Services	50,000	3,080		3,080
6522	Management Consultant Fees	-	-		-
	Sub-Total	132,000	79,880	-	79,880
	Res Conser/Public Outreach				
6606	Community Group Outreach	1,000	-		-
	Sub-Total	1,000	-	-	-
	Human Resources				
6815	Employee Recognition Function	6,000	2,500		2,500
6830	Training & Professional Development	10,000	12,500		12,500
6872	Litigation - Outside Services	300,000	200,000		200,000
6874	Litigation - District	-	-		-
	Sub-Total	316,000	215,000	-	215,000
	Other G&A Expenses				
7105	Dues, Subscriptions & Memberships	78,000	74,263		74,263
7110	Travel/Misc Staff Expense	100	60		60
7145	Claims Paid	-	-		-
	Sub-Total	78,100	74,323	-	74,323
	Total Expenses	1,269,723	1,072,909	164,578	908,331
	Allocated Expenses				
7204	Allocated Expenses (Vehicle)	4,714	5,042		5,042
	Allocated Legal Services	(300,000)	(200,000)		(200,000)
	Allocated G&A (Internal)	(148,996)	(129,035)	5,956	(134,991)
	Sub-Total	(444,282)	(323,993)	5,956	(329,949)
	Net Expenses	825,441	748,916	170,534	578,382
	G&A Allocations:				
	Potable Water	284,599	254,732	114,021	
	Recycled Water	5,599	5,012	1,215	
	Sanitation	125,595	112,407	55,298	
	Water Conservation	-	-		
	Joint Powers Authority	401,925	369,848	-	
	Developer Deposits	-	-		
	Standby Charge	-	-		
	Capital Projects	7,723	6,917	-	
	Total	825,441	748,916	170,534	

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
INTERNAL SERVICE - BOARD OF DIRECTORS AND GENERAL MANAGER**

ACCT #	DESCRIPTION	701121 General Manager	701122 Genl Manager 100% LV	701124 Genl Manager 100% JV	G & A JPA Share
Operating Expenses					
5405.2	Utility/Telephone	-	1,800		-
	Sub-Total	-	1,800	-	-
Board Expenses					
6000	Director's Fees				
6005	Director's Benefits				
6010	Director's Conference Expenses				
6015	Director's Miscellaneous				
6020	Election Expense				
	Sub-Total	-	-	-	-
Payroll Expenses					
6100	Staff Salaries	349,794			194,695
6105	Staff Benefits	113,895			63,394
6110	Staff Taxes	15,797			8,793
	Sub-Total	479,486	-	-	266,882
Office Equipment & Supplies					
6235	Records Management	57,842			32,195
	Sub-Total	57,842	-	-	32,195
Professional Services					
6500	Legal Services	72,000			40,075
6505	Legal Advertising	1,800	3,000		1,002
6516	Other Professional Services	2,500	580		1,392
6522	Management Consultant Fees	-			-
	Sub-Total	76,300	3,580	-	42,469
Res Conser/Public Outreach					
6606	Community Group Outreach	-	-		-
	Sub-Total	-	-	-	-
Human Resources					
6815	Employee Recognition Function	2,500			1,392
6830	Training & Professional Development	12,500			6,958
6872	Litigation - Outside Services	-	200,000		-
6874	Litigation - District	-	-		-
	Sub-Total	15,000	200,000	-	8,350
Other G&A Expenses					
7105	Dues, Subscriptions & Memberships	30,778	43,485		17,131
7110	Travel/Misc Staff Expense	60	-	-	33
7145	Claims Paid	-	-		-
	Sub-Total	30,838	43,485	-	17,164
Total Expenses		659,466	248,865	-	367,060
Allocated Expenses					
7204	Allocated Expenses (Vehicle)	5,042			2,806
	Allocated Legal Services	-	(200,000)		
	Allocated G&A (Internal)	(141,120)	6,129		
	Sub-Total	(136,078)	(193,871)	-	2,806
Net Expenses		523,388	54,994	-	369,866
G&A Allocations:					
	Potable Water	103,942	36,769		
	Recycled Water	3,405	392		
	Sanitation	39,276	17,833		
	Water Conservation				
	Joint Powers Authority	369,848	-		
	Developer Deposits				
	Standby Charge				
	Capital Projects	6,917	-		
	Total	523,388	54,994	-	369,866

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
INTERNAL SERVICE - RESOURCE CONSERVATION / PUBLIC OUTREACH**

ACCT #	DESCRIPTION	2010-11 Budget	2010-11 Estimated Actual	701210 RCPO Administration	701220 Cust Sv Admin 100% LV	701221 Cust Svc Ops 100% LV	701223 Rsrc/Wtrshd Conservation
Operating Expenses							
5400	Labor	388,656	271,029			22,510	
5405.2	Utility/Telephone	10,300	11,671	2,000	300	5,958	1,400
5410	Supplies / Material	2,400	-			-	
	Sub-Total	401,356	282,700	2,000	300	28,468	1,400
Maintenance Expenses							
5500	Labor	219,830	153,442				
5510	Supplies / Material	180,000	180,000			-	
5515	Outside Services	15,000	15,000				
5530	Capital Outlay	4,900	370				
	Sub-Total	419,730	348,812	-	-	-	-
Gen'l Specialty Expenses							
5725	General Supplies/Small Tool	10,000	8,000			6,000	
	Sub-Total	10,000	8,000	-	-	6,000	-
Payroll Expenses							
6100	Staff Salaries	2,567,300	2,376,494	291,831	133,862	865,787	318,561
6102	Staff Overtime	45,408	43,588	-		39,068	4,028
6105	Staff Benefits	1,110,104	1,053,653	113,812	42,517	440,182	135,756
6110	Staff Taxes	204,674	183,935	15,829	8,536	72,925	21,833
6115	Staff Costs Recovered	(1,068,331)	(992,302)	(10,478)		(497,786)	(189,325)
	Sub-Total	2,859,155	2,665,368	410,994	184,915	920,176	290,853
Office Equipment & Supplies							
6200	Forms, Supplies & Postage	47,500	44,004	-	204	42,000	
6210	Equipment Repairs	500	300			300	
6215	Equipment Maintenance	200	200			200	
6220	Outside Services	70,200	70,000			70,000	
6230	Safety Equipment	5,550	2,000			2,000	
	Sub-Total	123,950	116,504	-	204	114,500	-
Professional Services							
6516	Other Professional Services	190,000	-			-	
	Sub-Total	190,000	-	-	-	-	-
Res Conser/Public Outreach							
6602	School Education Program	54,133	52,006				
6604	Public Education Program	174,949	140,809				
6606	Community Group Outreach	18,035	18,035				
6608	Intergovernmental Coordination	17,542	10,000				
	Sub-Total	264,659	220,850	-	-	-	-
Human Resources							
6830	Training & Professional Development	41,300	24,219	2,900	474	8,000	2,000
	Sub-Total	41,300	24,219	2,900	474	8,000	2,000
Other G&A Expenses							
7100	Provision for Uncollectible Accts	40,000	40,000			40,000	
7105	Dues, Subscriptions & Memberships	400	390	90	-	-	300
7110	Travel/Misc Staff Expense	500	147	25	-	-	-
7152	LAFCO Charges	14,000	12,292				
	Sub-Total	54,900	52,829	115	-	40,000	300
Total Expenses		4,365,050	3,719,282	416,009	185,893	1,117,144	294,553
Allocated Expenses							
7201	Allocated Information Systems	267,412	268,287			268,287	
7204	Allocated Expenses (Vehicle)	80,188	85,774			70,648	5,042
	Allocated G&A (Internal)	305,506	292,034	(154,493)	(185,893)	322,754	104,828
	Sub-Total	653,106	646,095	(154,493)	(185,893)	661,689	109,870
Net Expenses		5,018,156	4,365,377	261,516	-	1,778,833	404,423
G&A Allocations:							
	Potable Water	3,349,355	2,931,637	20,961	-	1,429,300	232,850
	Recycled Water	275,365	234,816	739	-	45,487	147,062
	Sanitation	761,247	620,402	8,273	-	296,927	-
	Water Conservation	-	-				
	Joint Powers Authority	580,021	533,519	231,543	-	-	-
	Developer Deposits	-	-				
	Standby Charge	-	-				
	Capital Projects	52,168	45,003	-	-	7,119	24,511
	Total	5,018,156	4,365,377	261,516	-	1,778,833	404,423

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
INTERNAL SERVICE - RESOURCE CONSERVATION / PUBLIC OUTREACH**

ACCT #	DESCRIPTION	701224	701226	701230	701240	G & A
		Meter Service 100% LV	Cust Svc Progs 100% LV	RCPO Public Info	GIS/New Cust 100% LV	JPA Share
Operating Expenses						
5400	Labor	248,519		-		-
5405.2	Utility/Telephone		682	986	345	1,662
5410	Supplies / Material					-
	Sub-Total	248,519	682	986	345	1,662
Maintenance Expenses						
5500	Labor	153,442				-
5510	Supplies / Material	180,000				-
5515	Outside Services	15,000	-			-
5530	Capital Outlay	-	-		370	-
	Sub-Total	348,442	-	-	370	-
Gen'l Specialty Expenses						
5725	General Supplies/Small Tool		2,000			-
	Sub-Total	-	2,000	-	-	-
Payroll Expenses						
6100	Staff Salaries		191,717	304,197	270,539	331,749
6102	Staff Overtime		188	304	-	169
6105	Staff Benefits		79,314	132,842	109,230	137,288
6110	Staff Taxes		16,276	21,790	26,746	20,939
6115	Staff Costs Recovered		(147,117)	(143,753)	(3,843)	(85,845)
	Sub-Total	-	140,378	315,380	402,672	404,300
Office Equipment & Supplies						
6200	Forms, Supplies & Postage			-	1,800	-
6210	Equipment Repairs					-
6215	Equipment Maintenance					-
6220	Outside Services		-			-
6230	Safety Equipment		-			-
	Sub-Total	-	-	-	1,800	-
Professional Services						
6516	Other Professional Services			-	-	-
	Sub-Total	-	-	-	-	-
Res Conser/Public Outreach						
6602	School Education Program			52,006		28,947
6604	Public Education Program			140,809		78,374
6606	Community Group Outreach			18,035		10,038
6608	Intergovernmental Coordination			10,000		5,566
	Sub-Total	-	-	220,850	-	122,925
Human Resources						
6830	Training & Professional Development		2,000	5,218	3,627	4,518
	Sub-Total	-	2,000	5,218	3,627	4,518
Other G&A Expenses						
7100	Provision for Uncollectible Accts					50
7105	Dues, Subscriptions & Memberships					82
7110	Travel/Misc Staff Expense			122		-
7152	LAFCO Charges				12,292	-
	Sub-Total	-	-	122	12,292	132
Total Expenses		596,961	145,060	542,556	421,106	533,537
Allocated Expenses						
7201	Allocated Information Systems					-
7204	Allocated Expenses (Vehicle)		5,042		5,042	-
	Allocated G&A (Internal)	119,280	50,058	(162,446)	197,946	-
	Sub-Total	119,280	55,100	(162,446)	202,988	-
Net Expenses		716,241	200,160	380,110	624,094	533,537
G&A Allocations:						
	Potable Water	694,991	194,221	54,720	304,594	
	Recycled Water	21,250	5,939	5,026	9,313	
	Sanitation	-	-	5,015	310,187	
	Water Conservation					
	Joint Powers Authority	-	-	301,976	-	
	Developer Deposits					
	Standby Charge					
	Capital Projects	-	-	13,373	-	
	Total	716,241	200,160	380,110	624,094	

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
INTERNAL SERVICE - FACILITIES AND OPERATIONS**

ACCT #	DESCRIPTION	2010-11 Budget	2010-11 Estimated Actual	701001 Headquarter Building	701002 Operation Building	701310 Facilities Management
Operating Expenses						
5405.1	Utility - Energy	170,000	152,000	115,000	37,000	
5405.2	Utility - Telephone	117,120	91,737	72,000	1,865	936
5405.3	Utility - Gas	27,000	22,150	16,250	5,900	
5405.4	Utility - Water	13,000	17,035	9,600	7,435	
	Sub-Total	327,120	282,922	212,850	52,200	936
Maintenance Expenses						
5500	Labor	129,652	142,988	76,817	39,590	
5510	Supplies / Material	86,000	82,790	12,240	8,250	
5510.1	Fuel	110,000	109,800			
5515	Outside Services	291,000	282,800	95,600	57,000	
5520	Permits / Fees	12,011	9,909	225	5,073	
5525	Consulting Services	-	-			
5530	Capital Outlay	31,500	24,496	7,500	15,496	
	Sub-Total	660,163	652,783	192,382	125,409	-
Gen'l Specialty Expenses						
5725	General Supplies/Small Tool	62,000	37,134			
	Sub-Total	62,000	37,134	-	-	-
Payroll Expenses						
6100	Staff Salaries	6,298,985	5,565,418			327,070
6102	Staff Overtime	160,012	226,873			-
6105	Staff Benefits	2,898,661	2,629,857			126,147
6110	Staff Taxes	690,631	662,254			22,634
6115	Staff Costs Recovered	(6,329,285)	(5,922,836)			
	Sub-Total	3,719,004	3,161,566	-	-	475,851
Office Equipment & Supplies						
6225	Radio Maintenance Expense	27,500	26,582			
6230	Safety Equipment	22,825	11,220			
	Sub-Total	50,325	37,802	-	-	-
Vehicle Maintenance						
6255	Rental Charge - Vehicles	117,641	117,641			
	Sub-Total	117,641	117,641	-	-	-
Human Resources						
6830	Training & Professional Development	46,200	29,370			7,753
	Sub-Total	46,200	29,370	-	-	7,753
Other G&A Expenses						
7105	Dues, Subscriptions & Memberships	-	129			129
7110	Travel/Misc Staff Expense	1,750	515			200
	Sub-Total	1,750	644	-	-	329
Total Expenses		4,984,203	4,319,862	405,232	177,609	484,869
Allocated Expenses						
7202	Allocated Laboratory Expenses	(577,943)	(564,964)			
7204	Allocated Expenses (Vehicle)	(89,616)	(95,858)			5,042
	Allocated Operations Bldg Maint	(209,098)	(177,609)		(177,609)	
	Allocated G&A (Internal)	779,948	740,830	(179,687)	53,207	120,580
	Sub-Total	(96,709)	(97,601)	(179,687)	(124,402)	125,622
Net Expenses		4,887,494	4,222,261	225,545	53,207	610,491
G&A Allocations:						
	Potable Water	1,648,513	1,402,823	-	53,206	236,198
	Recycled Water	54,134	45,001	-	-	21,812
	Sanitation	229,928	238,096	-	-	21,763
	Water Conservation	-	-			
	Joint Powers Authority	2,244,501	1,937,701	225,545	1	272,678
	Developer Deposits	-	-			
	Standby Charge	-	-			
	Capital Projects	710,418	598,640	-	-	58,040
	Total	4,887,494	4,222,261	225,545	53,207	610,491

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
INTERNAL SERVICE - FACILITIES AND OPERATIONS**

ACCT #	DESCRIPTION	701320 Facilities Fac Mnt Adm	701321 Facilities Maintenance	701322 Facilities Construction	701325 Fleet Maintenance	701326 Electrical/ Instrumentation
Operating Expenses						
5405.1	Utility - Energy					
5405.2	Utility - Telephone	240	2,225	2,400	342	3,000
5405.3	Utility - Gas					
5405.4	Utility - Water					
	Sub-Total	<u>240</u>	<u>2,225</u>	<u>2,400</u>	<u>342</u>	<u>3,000</u>
Maintenance Expenses						
5500	Labor		-	-	26,581	-
5510	Supplies / Material				26,500	
5510.1	Fuel				109,800	
5515	Outside Services				126,800	
5520	Permits / Fees				1,800	
5525	Consulting Services		-	-	-	
5530	Capital Outlay		-	-	-	
	Sub-Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>291,481</u>	<u>-</u>
Gen'l Specialty Expenses						
5725	General Supplies/Small Tool		9,380	14,975		4,737
	Sub-Total	<u>-</u>	<u>9,380</u>	<u>14,975</u>	<u>-</u>	<u>4,737</u>
Payroll Expenses						
6100	Staff Salaries	128,680	459,581	513,386	69,733	548,909
6102	Staff Overtime	-	13,818	30,442	-	16,196
6105	Staff Benefits	55,140	244,498	258,511	32,741	262,542
6110	Staff Taxes	11,038	56,613	63,982	8,235	69,683
6115	Staff Costs Recovered		(745,019)	(758,393)	(328)	(797,571)
	Sub-Total	<u>194,858</u>	<u>29,491</u>	<u>107,928</u>	<u>110,381</u>	<u>99,759</u>
Office Equipment & Supplies						
6225	Radio Maintenance Expense	-				26,582
6230	Safety Equipment		2,850	1,300		2,650
	Sub-Total	<u>-</u>	<u>2,850</u>	<u>1,300</u>	<u>-</u>	<u>29,232</u>
Vehicle Maintenance						
6255	Rental Charge - Vehicles				117,641	
	Sub-Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>117,641</u>	<u>-</u>
Human Resources						
6830	Training & Professional Development	425	5,000	4,164		5,000
	Sub-Total	<u>425</u>	<u>5,000</u>	<u>4,164</u>	<u>-</u>	<u>5,000</u>
Other G&A Expenses						
7105	Dues, Subscriptions & Memberships					
7110	Travel/Misc Staff Expense	97	-	-	-	-
	Sub-Total	<u>97</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total Expenses		<u>195,620</u>	<u>48,946</u>	<u>130,767</u>	<u>519,845</u>	<u>141,728</u>
Allocated Expenses						
7202	Allocated Laboratory Expenses					
7204	Allocated Expenses (Vehicle)	3,535	75,742	136,356	(519,845)	45,383
	Allocated Operations Bldg Maint					
	Allocated G&A (Internal)	45,424	16,980	61,239	-	23,605
	Sub-Total	<u>48,959</u>	<u>92,722</u>	<u>197,595</u>	<u>(519,845)</u>	<u>68,988</u>
Net Expenses		<u>244,579</u>	<u>141,668</u>	<u>328,362</u>	<u>-</u>	<u>210,716</u>
G&A Allocations:						
	Potable Water	93,507	64,315	151,697	-	88,473
	Recycled Water	8,635	-	14,008	-	546
	Sanitation	8,615	7,953	13,977	-	16,413
	Water Conservation					
	Joint Powers Authority	110,845	69,400	148,680	-	104,141
	Developer Deposits					
	Standby Charge					
	Capital Projects	22,977	-	-	-	1,143
	Total	<u>244,579</u>	<u>141,668</u>	<u>328,362</u>	<u>-</u>	<u>210,716</u>

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
INTERNAL SERVICE - FACILITIES AND OPERATIONS**

ACCT #	DESCRIPTION	701330 Facilities Wtr Admin	701331 Facilities Production	701340 Facilities Wtr Rclm Adm	701341 Facilities Laboratory	701342 Facilities Treatment
Operating Expenses						
5405.1	Utility - Energy					
5405.2	Utility - Telephone	104	5,525	350	350	400
5405.3	Utility - Gas					
5405.4	Utility - Water					
	Sub-Total	<u>104</u>	<u>5,525</u>	<u>350</u>	<u>350</u>	<u>400</u>
Maintenance Expenses						
5500	Labor					
5510	Supplies / Material				35,800	
5510.1	Fuel					
5515	Outside Services				3,400	
5520	Permits / Fees				2,811	
5525	Consulting Services				-	
5530	Capital Outlay				1,500	
	Sub-Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>43,511</u>	<u>-</u>
Gen'l Specialty Expenses						
5725	General Supplies/Small Tool		7,792			
	Sub-Total	<u>-</u>	<u>7,792</u>	<u>-</u>	<u>-</u>	<u>-</u>
Payroll Expenses						
6100	Staff Salaries	72,482	829,705	287,106	411,578	735,789
6102	Staff Overtime	-	24,291	572	15,785	70,695
6105	Staff Benefits	36,931	408,450	132,401	189,388	325,872
6110	Staff Taxes	6,023	100,288	26,794	52,633	99,851
6115	Staff Costs Recovered	(2,493)	(1,121,069)	(12,964)	(159,193)	(1,156,260)
	Sub-Total	<u>112,943</u>	<u>241,665</u>	<u>433,909</u>	<u>510,191</u>	<u>75,947</u>
Office Equipment & Supplies						
6225	Radio Maintenance Expense	-				
6230	Safety Equipment		2,100		375	775
	Sub-Total	<u>-</u>	<u>2,100</u>	<u>-</u>	<u>375</u>	<u>775</u>
Vehicle Maintenance						
6255	Rental Charge - Vehicles					
	Sub-Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Human Resources						
6830	Training & Professional Development	250	3,200	239	425	350
	Sub-Total	<u>250</u>	<u>3,200</u>	<u>239</u>	<u>425</u>	<u>350</u>
Other G&A Expenses						
7105	Dues, Subscriptions & Memberships					
7110	Travel/Misc Staff Expense	-	140	25	27	26
	Sub-Total	<u>-</u>	<u>140</u>	<u>25</u>	<u>27</u>	<u>26</u>
Total Expenses		<u>113,297</u>	<u>260,422</u>	<u>434,523</u>	<u>554,879</u>	<u>77,498</u>
Allocated Expenses						
7202	Allocated Laboratory Expenses				(564,964)	
7204	Allocated Expenses (Vehicle)	1,508	85,827	5,042	10,085	20,170
	Allocated Operations Bldg Maint					
	Allocated G&A (Internal)	31,698	79,115	(194,911)	366,929	24,692
	Sub-Total	<u>33,206</u>	<u>164,942</u>	<u>(189,869)</u>	<u>(187,950)</u>	<u>44,862</u>
Net Expenses		<u>146,503</u>	<u>425,364</u>	<u>244,654</u>	<u>366,929</u>	<u>122,360</u>
G&A Allocations:						
	Potable Water	82,605	232,650	-	366,929	-
	Recycled Water	-	-	-	-	-
	Sanitation	-	-	-	-	68,000
	Water Conservation					
	Joint Powers Authority	63,898	192,714	244,654	-	54,360
	Developer Deposits					
	Standby Charge					
	Capital Projects	-	-	-	-	-
	Total	<u>146,503</u>	<u>425,364</u>	<u>244,654</u>	<u>366,929</u>	<u>122,360</u>

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
INTERNAL SERVICE - FACILITIES AND OPERATIONS**

ACCT #	DESCRIPTION	701343 Facilities Composting	701350 Technical Services	Total JPA Share
Operating Expenses				
5405.1	Utility - Energy			82,509
5405.2	Utility - Telephone	850	1,150	50,966
5405.3	Utility - Gas			11,995
5405.4	Utility - Water			9,061
	Sub-Total	<u>850</u>	<u>1,150</u>	<u>154,530</u>
Maintenance Expenses				
5500	Labor			74,963
5510	Supplies / Material			47,298
5510.1	Fuel			51,272
5515	Outside Services			143,200
5520	Permits / Fees			5,386
5525	Consulting Services			-
5530	Capital Outlay			12,928
	Sub-Total	<u>-</u>	<u>-</u>	<u>335,047</u>
Gen'l Specialty Expenses				
5725	General Supplies/Small Tool	-	250	20,669
	Sub-Total	<u>-</u>	<u>250</u>	<u>20,669</u>
Payroll Expenses				
6100	Staff Salaries	494,824	686,575	3,138,135
6102	Staff Overtime	47,392	7,682	128,068
6105	Staff Benefits	245,292	311,944	1,482,321
6110	Staff Taxes	66,983	77,497	373,840
6115	Staff Costs Recovered	(766,025)	(403,521)	(3,314,673)
	Sub-Total	<u>88,466</u>	<u>680,177</u>	<u>1,807,691</u>
Office Equipment & Supplies				
6225	Radio Maintenance Expense			14,796
6230	Safety Equipment	970	200	6,287
	Sub-Total	<u>970</u>	<u>200</u>	<u>21,083</u>
Vehicle Maintenance				
6255	Rental Charge - Vehicles			54,934
	Sub-Total	<u>-</u>	<u>-</u>	<u>54,934</u>
Human Resources				
6830	Training & Professional Development	2,250	314	16,396
	Sub-Total	<u>2,250</u>	<u>314</u>	<u>16,396</u>
Other G&A Expenses				
7105	Dues, Subscriptions & Memberships			72
7110	Travel/Misc Staff Expense		-	290
	Sub-Total	<u>-</u>	<u>-</u>	<u>362</u>
	Total Expenses	<u>92,536</u>	<u>682,091</u>	<u>2,410,712</u>
Allocated Expenses				
7202	Allocated Laboratory Expenses			(378,526)
7204	Allocated Expenses (Vehicle)	20,170	15,127	(5,612)
	Allocated Operations Bldg Maint			(88,805)
	Allocated G&A (Internal)	51,397	240,562	-
	Sub-Total	<u>71,567</u>	<u>255,689</u>	<u>(472,943)</u>
	Net Expenses	<u>164,103</u>	<u>937,780</u>	<u>1,937,769</u>
G&A Allocations:				
	Potable Water	-	33,243	
	Recycled Water	-	-	
	Sanitation	101,375	-	
	Water Conservation			
	Joint Powers Authority	62,728	388,057	
	Developer Deposits			
	Standby Charge			
	Capital Projects	-	516,480	
	Total	<u>164,103</u>	<u>937,780</u>	

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
INTERNAL SERVICE - FINANCE AND ADMINISTRATION**

ACCT #	DESCRIPTION	2010-11 Budget	2010-11 Estimated Actual	701410 Fin & Adm Admin	701420 Fin & Adm Info Systems	701430 Fin & Adm Human Res
Operating Expenses						
5400	Labor	7,764	10,792			
5405.2	Utility - Telephone	38,360	25,350	-	25,000	
5430	Capital Outlay	47,100	47,100		42,600	4,500
	Sub-Total	93,224	83,242	-	67,600	4,500
Inventory Expenses						
5536	Inventory Adjustment	9,000	9,500			
Payroll Expenses						
6100	Staff Salaries	1,818,797	1,731,154	249,534	524,938	196,343
6102	Staff Overtime	24,582	1,447	948	267	-
6105	Staff Benefits	780,631	777,376	94,604	236,642	83,701
6110	Staff Taxes	143,889	132,779	11,718	41,699	19,261
6115	Staff Costs Recovered	(144,722)	(127,792)	-	(127,640)	
	Sub-Total	2,623,177	2,514,964	356,804	675,906	299,305
Office Equipment & Supplies						
6200	Forms, Supplies & Postage	112,870	108,970	85,000	22,000	500
6205	Equipment Rental	9,200	10,172	5,172	5,000	
6210	Equipment Repairs	1,000	1,000		1,000	
6215	Equipment Maintenance	266,925	255,600	600	255,000	
6220	Outside Services	7,000	25,974	3,374		2,600
6250	Equipment Interest Expense	4,569	6,200		6,200	
	Sub-Total	401,564	407,916	94,146	289,200	3,100
Professional Services						
6500	Legal Services	15,000	125,000			125,000
6516	Other Professional Services	11,650	6,494	1,494	5,000	
6517	Audit Fees	36,300	33,000	33,000		
6522	Management Consultant Fees	130,000	59,800	4,800		55,000
	Sub-Total	192,950	224,294	39,294	5,000	180,000
Human Resources						
6800	Safety	38,000	38,000			38,000
6810	Recruitment Expense	20,000	10,000			10,000
6812	Retired Employee Benefits	530,000	573,000			573,000
6815	Employee Recognition Function	5,000	5,000			5,000
6817	Employee Survey Outreach	200	200			200
6820	Employee Assistance Program	4,000	866			866
6825	Employee Wellness Program	20,000	15,000			15,000
6830	Training & Professional Development	74,500	31,800	8,800	5,000	15,000
6840	DOT Testing	950	1,050			1,050
6845	Miscellaneous Personnel Expense	-	-			-
6850	Unemployment Insurance Benefit	-	11,735			11,735
6855	Donated Sick Leave	-	-			-
6874	Litigation - District	-	-			-
	Sub-Total	692,650	686,651	8,800	5,000	669,851
Other G&A Expenses						
7105	Dues, Subscriptions & Memberships	3,500	3,350	650	-	1,500
7110	Travel/Misc Staff Expense	300	250	150	-	-
7135	Property Insurance	26,740	26,675	26,675		
7135	Liability Insurance	252,700	273,082	273,082		
7135	Auto Insurance	113,200	87,594	87,594		
7135	Earthquake Insurance	56,700	53,288	53,288		
7135	Excess	353,700	360,036	360,036		
7145	Claims Paid	-	-			
7155	Other Expenses	-	-			
	Sub-Total	806,840	804,275	801,475	-	1,500
	Total Expenses	4,819,405	4,730,842	1,300,519	1,042,706	1,158,256

**LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2010-11 ESTIMATED ACTUAL WORKSHEET
INTERNAL SERVICE - FINANCE AND ADMINISTRATION**

ACCT #	DESCRIPTION	701440 Fin & Adm Accounting	701004 Fin & Adm Warehouse	Total JPA Share
Operating Expenses				
5400	Labor	-	10,792	6,007
5405.2	Utility - Telephone	350		12,718
5430	Capital Outlay			23,845
	Sub-Total	350	10,792	42,570
Inventory Expenses				
5536	Inventory Adjustment		9,500	5,288
Payroll Expenses				
6100	Staff Salaries	760,339		890,514
6102	Staff Overtime	232		768
6105	Staff Benefits	362,429		399,757
6110	Staff Taxes	60,101		68,102
6115	Staff Costs Recovered	(152)		(53,368)
	Sub-Total	1,182,949	-	1,305,773
Office Equipment & Supplies				
6200	Forms, Supplies & Postage	1,470		59,428
6205	Equipment Rental			5,383
6210	Equipment Repairs			501
6215	Equipment Maintenance			92,590
6220	Outside Services	20,000		14,457
6250	Equipment Interest Expense			3,451
	Sub-Total	21,470	-	175,810
Professional Services				
6500	Legal Services			69,575
6516	Other Professional Services			3,615
6517	Audit Fees			18,368
6522	Management Consultant Fees			33,285
	Sub-Total	-	-	124,843
Human Resources				
6800	Safety			21,151
6810	Recruitment Expense			5,566
6812	Retired Employee Benefits			318,931
6815	Employee Recognition Function			2,783
6817	Employee Survey Outreach			111
6820	Employee Assistance Program			482
6825	Employee Wellness Program			8,349
6830	Training & Professional Development	3,000		17,422
6840	DOT Testing			584
6845	Miscellaneous Personnel Expense			-
6850	Unemployment Insurance Benefit			6,532
6855	Donated Sick Leave			-
6874	Litigation - District			-
	Sub-Total	3,000	-	381,911
Other G&A Expenses				
7105	Dues, Subscriptions & Memberships	1,200		1,865
7110	Travel/Misc Staff Expense	100		139
7135	Property Insurance			14,847
7135	Liability Insurance			151,997
7135	Auto Insurance			48,755
7135	Earthquake Insurance			29,660
7135	Excess			200,396
7145	Claims Paid			-
7155	Other Expenses			-
	Sub-Total	1,300	-	447,659
	Total Expenses	1,209,069	20,292	2,483,854

**LAS VIRGENES MUNICIPAL WATER DISTRICT
 FY 2010-11 ESTIMATED ACTUAL WORKSHEET
 INTERNAL SERVICE - FINANCE AND ADMINISTRATION**

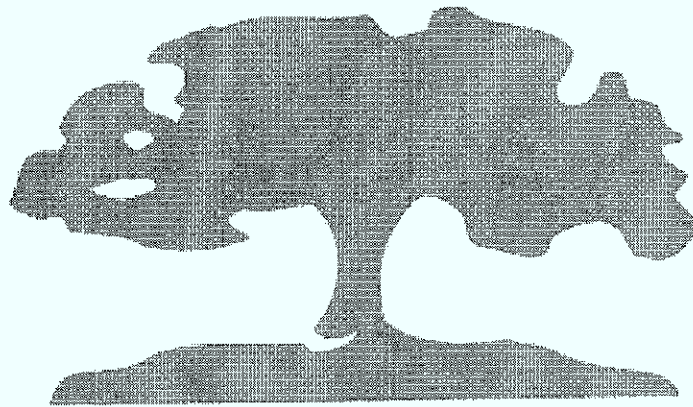
ACCT #	DESCRIPTION	2010-11 Budget	2010-11 Estimated Actual	701410 Fin & Adm Admin	701420 Fin & Adm Info Systems	701430 Fin & Adm Human Res
	Allocated Expenses	-	-			
7201	Allocated Information Systems	(267,412)	(268,287)		(268,287)	
7204	Allocated Expenses (Vehicle)	4,714	5,042		5,042	
	Allocated G&A (Internal)	(936,458)	(903,829)	(219,060)	(224,265)	(368,862)
	Sub-Total	(1,199,156)	(1,167,074)	(219,060)	(487,510)	(368,862)
	Net Expenses	<u>3,620,249</u>	<u>3,563,768</u>	<u>1,081,459</u>	<u>555,196</u>	<u>789,394</u>
G&A Allocations:						
	Potable Water	839,757	798,776	239,103	84,994	101,360
	Recycled Water	31,815	30,440	2,550	7,807	9,309
	Sanitation	161,942	156,601	115,961	7,789	9,289
	Water Conservation	-	-			
	Joint Powers Authority	2,490,376	2,486,582	723,845	433,834	644,664
	Developer Deposits	-	-			
	Standby Charge	-	-			
	Capital Projects	96,359	91,369	-	20,772	24,772
	Total	<u>3,620,249</u>	<u>3,563,768</u>	<u>1,081,459</u>	<u>555,196</u>	<u>789,394</u>

**LAS VIRGENES MUNICIPAL WATER DISTRICT
 FY 2010-11 ESTIMATED ACTUAL WORKSHEET
 INTERNAL SERVICE - FINANCE AND ADMINISTRATION**

ACCT #	DESCRIPTION	701440 Fin & Adm Accounting	701004 Fin & Adm Warehouse	Total JPA Share
Allocated Expenses				
7201	Allocated Information Systems			-
7204	Allocated Expenses (Vehicle)			2,806
	Allocated G&A (Internal)	(71,350)	(20,292)	
	Sub-Total	(71,350)	(20,292)	2,806
	Net Expenses	<u>1,137,719</u>	<u>-</u>	<u>2,486,660</u>

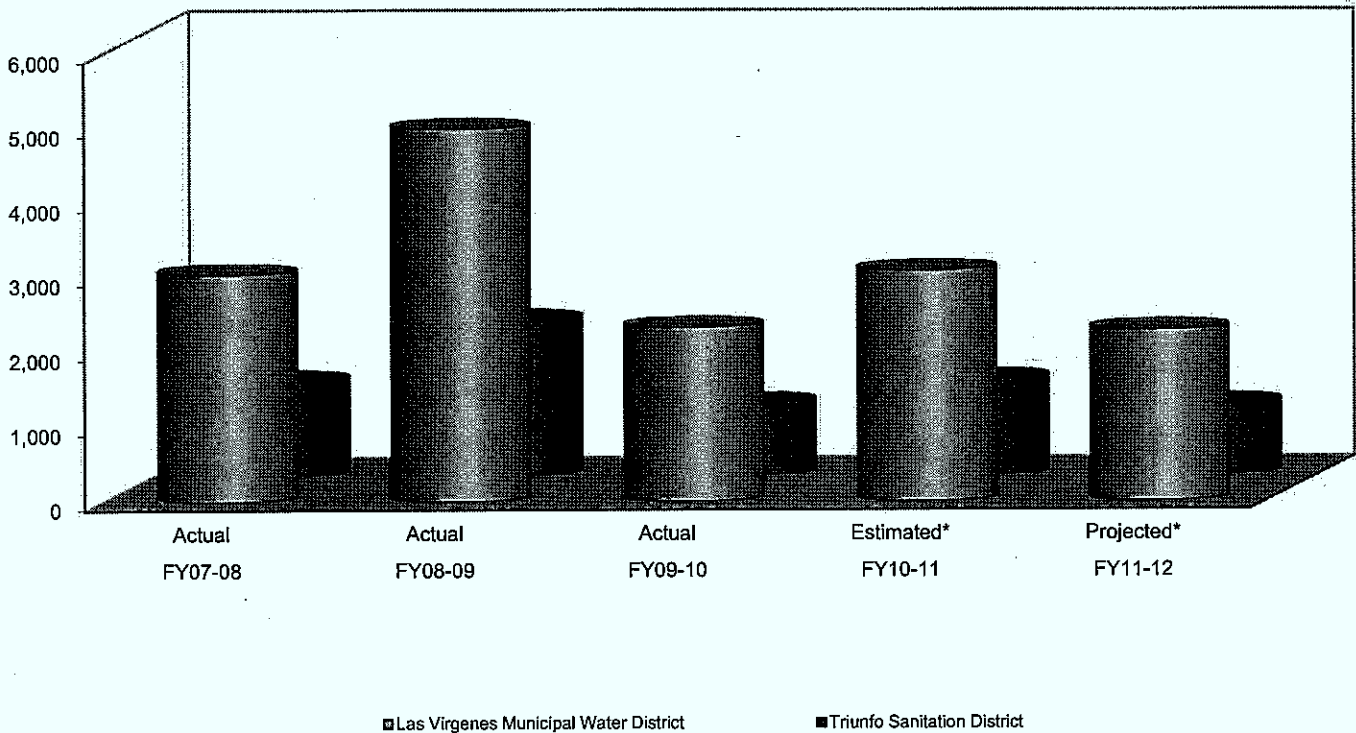
G&A Allocations:

Potable Water	373,319	-
Recycled Water	10,774	-
Sanitation	23,562	-
Water Conservation		-
Joint Powers Authority	684,239	-
Developer Deposits		-
Standby Charge		-
Capital Projects	45,825	-
Total	<u>1,137,719</u>	<u>-</u>



**Las Virgenes - Triunfo
Joint Powers Authority
Capital Improvement Projects
Annual Expenditures
(Dollars in Thousands)**

	FY07-08 Actual	FY08-09 Actual	FY09-10 Actual	FY10-11 Estimated*	FY11-12 Projected*
Las Virgenes Municipal Water District	3,047	5,001	2,335	3,090	2,297
Triunfo Sanitation District	1,272	2,083	972	1,287	956
	4,319	7,084	3,307	4,377	3,253



*Estimated and Projected expenditures represent working capital requirements for each fiscal year.

Las Virgenes - Triunfo Joint Powers Authority

Working Capital Requirements

Capital Improvement Projects

FY10-11 and FY11-12

Job #	Title	Approved Appropriations	Prior Expenditures	Estimated Expenditures FY10-11	Projected Carryover July 1, 2011	FY11-12 Appropriations	FY11-12 Working Capital Requirement
10257	Combined Heat and Power (CHP) Project	\$280,000	\$0	\$280,000	\$0	\$0	\$0
10281	24" Parallel RW Pipeline, Mulholland to Tapia	\$5,506,651	\$2,377,960	\$2,604,190	\$0	\$0	\$0
10387	Rancho Material Handling Improvements	\$100,000	\$0	\$0	\$100,000	\$16,000	\$116,000
10391	Rancho Las Virgenes: Compost Reactor Building Roof Repair	\$322,856	\$31,030	\$0	\$291,826	\$233,174	\$525,000
10392	Rancho Las Virgenes: Replace Centrate Line	\$1,475,497	\$123,056	\$794,631	\$0	\$0	\$0
10402	Rancho Groundwater Wells	\$100,000	\$0	\$0	\$0	\$0	\$0
10404	Tapia Tank Rehab - FY08-09	\$170,000	\$78,599	\$0	\$0	\$0	\$0
10418	Rehabilitation of 18" RW Pipe (Tapia/Mulholland Highway)	\$150,000	\$0	\$0	\$150,000	\$5,000	\$155,000
10421	GIS: Sanitation System Data Conversion	\$50,000	\$9,080	\$14,880	\$0	\$0	\$0
10446	Buffer Land at Rancho	\$250,000	\$0	\$0	\$250,000	\$0	\$250,000
10448	Rancho Polymer Feed System Rehabilitation	\$121,000	\$0	\$6,000	\$115,000	\$0	\$115,000
10449	Rancho Solar Project	\$20,000	\$0	\$0	\$0	\$0	\$0
10451	Tapia Gate and Drive Replacement	\$160,000	\$0	\$5,431	\$0	\$0	\$0
10452	Tapia Process Air Evaluation	\$156,000	\$0	\$156,000	\$0	\$500,000	\$500,000
10453	Tapia and Rancho Vulnerability Assessment	\$50,000	\$0	\$0	\$0	\$0	\$0
10454	Rancho Centrifuge Power Reliability Project	\$25,000	\$0	\$0	\$0	\$0	\$0
10455	Rancho Farm Building Rehabilitation	\$25,000	\$0	\$21,553	\$0	\$0	\$0
10456	Tapia Screenings Washer/Compactor	\$87,000	\$0	\$79,200	\$0	\$0	\$0
10457	Tapia Alternative Disinfection Study	\$110,000	\$0	\$108,718	\$1,282	\$150,000	\$151,282
10458	Tapia Pump/Motor Rebuild/Replacement, FY10-11	\$60,000	\$0	\$22,137	\$0	\$0	\$0
10459	Tapia CP1000, CP100 and Screening Area Roof	\$66,000	\$0	\$0	\$0	\$0	\$0

Las Virgenes - Triunfo Joint Powers Authority

Working Capital Requirements

Capital Improvement Projects

FY10-11 and FY11-12

Job #	Title	Approved Appropriations	Prior Expenditures	Estimated Expenditures FY10-11	Projected Carryover July 1, 2011	FY11-12 Appropriations	FY11-12 Working Capital Requirement
10462	Tapia: 20 and 24" Influent Force Main Upgrade	\$363,000	\$0	\$0	\$363,000	\$0	\$363,000
10465	Rancho: Flare Controls Safety Upgrade	\$25,000	\$0	\$0	\$0	\$0	\$0
10469	Rancho Miscellaneous Equipment - FY 10-11	\$40,000	\$0	\$73,000	\$0	\$0	\$0
10470	Tapia Miscellaneous Equipment - FY 10-11	\$52,000	\$0	\$0	\$0	\$0	\$0
10472	Westlake Wells 1 and 2 Renovation	\$73,644	\$0	\$50,240	\$0	\$0	\$0
10473	BNR Phase III, Centrate Sample Line	\$0	\$0	\$24,148	\$0	\$0	\$0
10480	Rancho Farm Centrate Generator Modification	\$52,000	\$0	\$46,921	\$0	\$0	\$0
10483	Replace Farm Meters	\$50,000	\$0	\$50,000	\$0	\$0	\$0
10485	005 Sample Point	\$40,000	\$0	\$40,000	\$0	\$0	\$0
80659	Construct 3rd Digester at Rancho	\$0	\$0	\$0	\$0	\$165,000	\$165,000
80714	Rancho Digester Heating System Evaluation	\$0	\$0	\$0	\$0	\$150,000	\$150,000
80741	Groundwater Supplement Study - Recycled Water System	\$0	\$0	\$0	\$0	\$25,000	\$25,000
80745	Tapia: Sludge Screening	\$0	\$0	\$0	\$0	\$385,000	\$385,000
80749	Tapia Gate and Drive Replacement	\$0	\$0	\$0	\$0	\$160,000	\$160,000
80752	Tapia Miscellaneous Equipment - FY 11-12	\$0	\$0	\$0	\$0	\$12,500	\$12,500
80753	Tapia Grit Cyclone Conveyor System	\$0	\$0	\$0	\$0	\$75,000	\$75,000
80754	Tapia Replace Primary Tank Sludge Valves	\$0	\$0	\$0	\$0	\$30,000	\$30,000
80755	Pump and Motor Repair - FY 11-12	\$0	\$0	\$0	\$0	\$40,000	\$40,000
80756	Rancho Miscellaneous Equipment - FY 11-12	\$0	\$0	\$0	\$0	\$35,000	\$35,000
Total CIP Budget		\$9,980,648	\$2,619,725	\$4,377,049	\$1,271,108	\$1,981,674	\$3,252,782

JPA - Capital Improvement Project Detail, FY2011-12

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2011	FY11-12 Appropriations
10257	Combined Heat and Power (CHP) Project	Zhao	2 Completed	Appr. \$280,000 Exp. \$280,000	\$0
	To implement a feasible power purchase agreement that would utilize available digester gas at Rancho.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10281	24" Parallel RW Pipeline, Mulholland to Tapia	Zhao	2 Completed	Appr. \$5,506,651 Exp. \$4,982,150	\$0
	Includes planning, design and construction to install a parallel recycled water pipeline from Tapia Park to Mulholland Highway. Funds in the amount of \$3,000,000 have been administratively transferred to project 10440 in order to clearly track reimburseable expenses from the U.S. Bureau of Reclamation grant.				
	<i>Sub-Projects: 10281 - 24" RW Pipeline-Mulhind--Tapia 10440 - 24" RW Pipeline - Grant Exp</i>				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Conservation	25.00%	70.60%	29.40%	
	Recycled Water Replacement	56.00%			
	Sanitation Construction	19.00%			
	Other Funding from: ARRA 2009/ Bureau of Reclamation		\$1,799,475		
	Estimated Impact on Annual Operating Expense		\$0		
10387	Rancho Material Handling Improvements	Zhao	2 Continuing	Appr. \$100,000 Exp. \$0	\$16,000
	Modify material handling system from the Compost Reactor Building to the Cure Building.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10391	Rancho Las Virgenes: Compost Reactor Building Roof Repair	Dingman	2 Continuing	Appr. \$322,856 Exp. \$31,030	\$233,174
	Remove corroded members from Compost Reactor building roof support structure and re-coat/repair to prevent further corrosion.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		

JPA - Capital Improvement Project Detail, FY2011-12

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2011	FY11-12 Appropriations
10392	Rancho Las Virgenes: Replace Centrate Line	Spicer	2 Completed	Appr. \$1,475,497 Exp. \$917,687	\$0
	Replacing the existing centrate line (approximately 4900 feet) with a new pipeline. Design was completed in FY09-10.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10402	Rancho Groundwater Wells	Zhao	3 Cancelled	Appr. \$100,000 Exp. \$0	\$0
	Construct 2 groundwater wells (one in the central and one in the south canyon). Groundwater to be sprayed in the fields or sent to Tapia for treatment.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10404	Tapia Tank Rehab - FY08-09	Dingman	2 Completed	Appr. \$170,000 Exp. \$78,599	\$0
	Rehabilitate Primary Clarifier #4 tank at Tapia, including replacement of flights and chains.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10418	Rehabilitation of 18" RW Pipe (Tapia/Mulholland Highway)	Zhao	3 Continuing	Appr. \$150,000 Exp. \$0	\$5,000
	Rehabilitation of 18" RW pipe between Tapia and Mulholland Highway due to excessive failure rate. Cost estimates are based on slip lining.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10421	GIS: Sanitation System Data Conversion	Matthews	1 Completed	Appr. \$50,000 Exp. \$23,960	\$0
	The conversion of record drawings for the trunk sewer system, sewer force mains and sludge force mains to GIS format. This project will assist in uniquely identifying the maintenance cost percentages for any reach of the JPA sewer system.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		

JPA - Capital Improvement Project Detail, FY2011-12

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2011	FY11-12 Appropriations
10446	Buffer Land at Rancho	Zhao	3 Continuing	Appr. \$250,000 Exp. \$0	\$0
	Potential land acquisition of additional buffer land around Rancho.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10448	Rancho Polymer Feed System Rehabilitation	Dingman	2 Continuing	Appr. \$121,000 Exp. \$6,000	\$0
	The polymer feed system at Rancho needs to be evaluated and updated. The addition of polymer aging tanks and new mixers and a potential heating system will allow for a lower polymer dosage and better efficiency.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10449	Rancho Solar Project	Zhao	2 Cancelled	Appr. \$20,000 Exp. \$0	\$0
	Staff time associated in obtaining a PPA agreement for solar electrical generation at Rancho to feed power consumption at HQ and RWPS.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10451	Tapia Gate and Drive Replacement	Dingman	2 Annual	Appr. \$160,000 Exp. \$5,431	\$0
	Replaces existing gates in the channels and tanks at Tapia. Also replaces drives for the sludge collection system. Replace one tank per year, 8 gates per year at \$20,000 per gate.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10452	Tapia Process Air Evaluation	Dingman	2 Continuing	Appr. \$156,000 Exp. \$156,000	\$500,000
	Evaluate the existing air demands for wastewater treatment at Tapia and recommend potential improvements for air delivery.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		

JPA - Capital Improvement Project Detail, FY2011-12

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2011	FY11-12 Appropriations
10453	Tapia and Rancho Vulnerability Assessment	Dingman	1 Deferred	Appr. \$50,000 Exp. \$0	\$0
	This project provides a vulnerability assessment of the sanitation facilities. The assessment may require construction of security enhancements and worker training.				
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	Estimated Impact on Annual Operating Expense			\$0	
10454	Rancho Centrifuge Power Reliability Project	Dingman	2 Completed	Appr. \$25,000 Exp. \$0	\$0
	To provide and implement recommendations for improvements to provide a steady power stream to the centrifuges used for dewatering at the RLV Composting Facility.				
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	Estimated Impact on Annual Operating Expense			\$0	
10455	Rancho Farm Building Rehabilitation	Dingman	2 Completed	Appr. \$25,000 Exp. \$21,553	\$0
	This project demolishes the existing kitchen in the interior of the farm building and provides a permanent SCADA computer for control of the centrate treatment system as well as associated furnishings.				
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	Estimated Impact on Annual Operating Expense			\$0	
10456	Tapia Screenings Washer/Compactor	Dingman	2 Completed	Appr. \$87,000 Exp. \$79,200	\$0
	This project provides funding to purchase a second washer/compactor for the headworks at Tapia.				
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	Estimated Impact on Annual Operating Expense			\$0	
10457	Tapia Alternative Disinfection Study	Dingman	2 Continuing	Appr. \$110,000 Exp. \$108,718	\$150,000
	To provide a study of the feasibility and requirements for the installation of ultraviolet disinfection at the Tapia WRF.				
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	Estimated Impact on Annual Operating Expense			\$0	

JPA - Capital Improvement Project Detail, FY2011-12

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2011	FY11-12 Appropriations
10458	Tapia Pump/Motor Rebuild/Replacement, FY10-11	Miller	2 Completed	Appr. \$60,000 Exp. \$22,137	\$0
	Rebuild balance pond motor #1 and #2 and major emergency repairs as necessary.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10459	Tapia CP1000, CP100 and Screening Area Roof	Miller	2 Completed	Appr. \$66,000 Exp. \$0	\$0
	All three roofs need to be replaced.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10462	Tapia: 20 and 24" Influent Force Main Upgrade	Zhao	2 Continuing	Appr. \$363,000 Exp. \$0	\$0
	Several failures and leaks have occurred along seams in the 24-inch and 20-inch influent force raw sewage mains. The failure and leaks are caused by "grooving corrosion" (MJ Schiff, November 2001). Remedial actions have been taken to greatly lessen the likelihood of future failures. These actions consisted of welding external plates over seams showing signs of corrosion, fiber wrapping a section of the mains. Long term solution would be systematically and selectively replace 461 lf of the mains.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10465	Rancho: Flare Controls Safety Upgrade	Miller	2 Completed	Appr. \$25,000 Exp. \$0	\$0
	Upgrade obsolete flare controls to current standard.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10469	Rancho Miscellaneous Equipment - FY 10-11	Miller	2 Completed	Appr. \$40,000 Exp. \$73,000	\$0
	Includes funds for a conveyor screw (\$20,000) and a spare centrifuge PLC (\$20,000).				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		

JPA - Capital Improvement Project Detail, FY2011-12

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2011	FY11-12 Appropriations
10470	Tapia Miscellaneous Equipment - FY 10-11	Miller	2 Completed	Appr. \$52,000 Exp. \$0	\$0
	<p>1. Replace Aeration Basin Air Valves (\$20,000). The 5-inch butterfly valves located on the swing arm diffusers in the aeration basins are worn and in need of replacement.</p> <p>2. Replace Filter Valves (\$20,000). The air scour butterfly valves used in filter backingwashing are over 20 years old and parts are no longer available.</p> <p>3. Effluent Pumps Control Alarm System Upgrade (\$12,000).</p>				
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	Estimated Impact on Annual Operating Expense			\$0	
10472	Westlake Wells 1 and 2 Renovation	Spicer	2 Completed	Appr. \$73,644 Exp. \$50,240	\$0
	<p>Replace existing pumps, install variable frequency drives and provide water level transducer and sand tester to monitor pumping operation.</p>				
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	Estimated Impact on Annual Operating Expense			\$0	
10473	BNR Phase III, Centrate Sample Line	Dingman	2 Completed	Appr. \$0 Exp. \$24,148	\$0
	<p>Install sample point for monitoring Centrate treatment system.</p>				
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Construction	20.00%		70.60%	29.40%
	Sanitation Replacement	80.00%			
	Estimated Impact on Annual Operating Expense			\$0	
10480	Rancho Farm Centrate Generator Modification	Cao	2 Completed	Appr. \$52,000 Exp. \$46,921	\$0
	<p>Install new Automatic Transfer Switch, new conduits and wire from existing 250kw generator and connection to existing MCC-1 and MCC-2.</p>				
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	Estimated Impact on Annual Operating Expense			\$0	
10483	Replace Farm Meters	Palma	2 Completed	Appr. \$50,000 Exp. \$50,000	\$0
	<p>Replace irrigation meters used for effluent disposal and farm irrigation.</p>				
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	Estimated Impact on Annual Operating Expense			\$0	

JPA - Capital Improvement Project Detail, FY2011-12

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2011	FY11-12 Appropriations
10485	005 Sample Point	Dingman	1 Completed	Appr. \$40,000 Exp. \$40,000	\$0
	New Sampler and Pressure Reducer for permit required Sampling Site.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
80659	Construct 3rd Digester at Rancho	Dingman	2 New	Appr. \$0 Exp. \$0	\$165,000
	Design a third anaerobic digester complete with heating, mixing and gas collection systems.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Construction	20.00%	70.60%	29.40%	
	Sanitation Replacement	80.00%			
	Estimated Impact on Annual Operating Expense		\$0		
80714	Rancho Digester Heating System Evaluation	Dingman	2 New	Appr. \$0 Exp. \$0	\$150,000
	The steam heating system for the digesters at Rancho is starting to fail. The steam lances are corroding and the stem valves clog. The steam delivery system needs to be evaluated and then repaired.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
80741	Groundwater Supplement Study - Recycled Water System	Lippman	2 New	Appr. \$0 Exp. \$0	\$25,000
	Investigate additional groundwater locations for use as supplement in the recycled water system. Project is shared with LVMWD Potable Water fund.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
80745	Tapia: Sludge Screening	Dingman	2 New	Appr. \$0 Exp. \$0	\$385,000
	Install a screener for primary and secondary sludge at Tapia. Includes design, piping modifications and odor control.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		

JPA - Capital Improvement Project Detail, FY2011-12

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2011	FY11-12 Appropriations	
80749	Tapia Gate and Drive Replacement	Dingman	2 Annual	Appr. Exp.	\$0 \$0	\$160,000
	Replaces existing gates in the channels and tanks at Tapia. Also replaces drives for the sludge collection system. Replace one tank per year, 8 gates per year at \$20,000 per gate.					
	Project Funding:			JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%		70.60%	29.40%	
	Estimated Impact on Annual Operating Expense			\$0		
80752	Tapia Miscellaneous Equipment - FY 11-12	Miller	2 New	Appr. Exp.	\$0 \$0	\$12,500
	Replace failing Hydraulic Press					
	Project Funding:			JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%		70.60%	29.40%	
	Estimated Impact on Annual Operating Expense			\$0		
80753	Tapia Grit Cyclone Conveyor System	Zhao	2 New	Appr. Exp.	\$0 \$0	\$75,000
	Current Grit removal utilizes obsolete overhead crane. New proposal utilizes a small conveyor exiting the building into a dumpster outside the building.					
	Project Funding:			JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%		70.60%	29.40%	
	Estimated Impact on Annual Operating Expense			\$0		
80754	Tapia Replace Primary Tank Sludge Valves	Miller	2 New	Appr. Exp.	\$0 \$0	\$30,000
	Replace obsolete valves and activators on Primary Sludge Tanks					
	Project Funding:			JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%		70.60%	29.40%	
	Estimated Impact on Annual Operating Expense			\$0		
80755	Pump and Motor Repair - FY 11-12	Miller	2 New	Appr. Exp.	\$0 \$0	\$40,000
	Rebuild Effluent Pump #2					
	Project Funding:			JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Replacement	100.00%		70.60%	29.40%	
	Estimated Impact on Annual Operating Expense			\$0		

JPA - Capital Improvement Project Detail, FY2011-12

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2011	FY11-12 Appropriations	
80756	Rancho Miscellaneous Equipment - FY 11-12	Miller	2 New	Appr. Exp.	\$0 \$0	\$35,000
	Boiler Replacement parts; one screw & liner replacement.					
	Project Funding:		JPA Share - LV:	JPA Share - TSD:		
	Sanitation Replacement	100.00%	70.60%	29.40%		
	Estimated Impact on Annual Operating Expense		\$0			

Total Capital Improvement Project Appropriations **\$1,981,674**

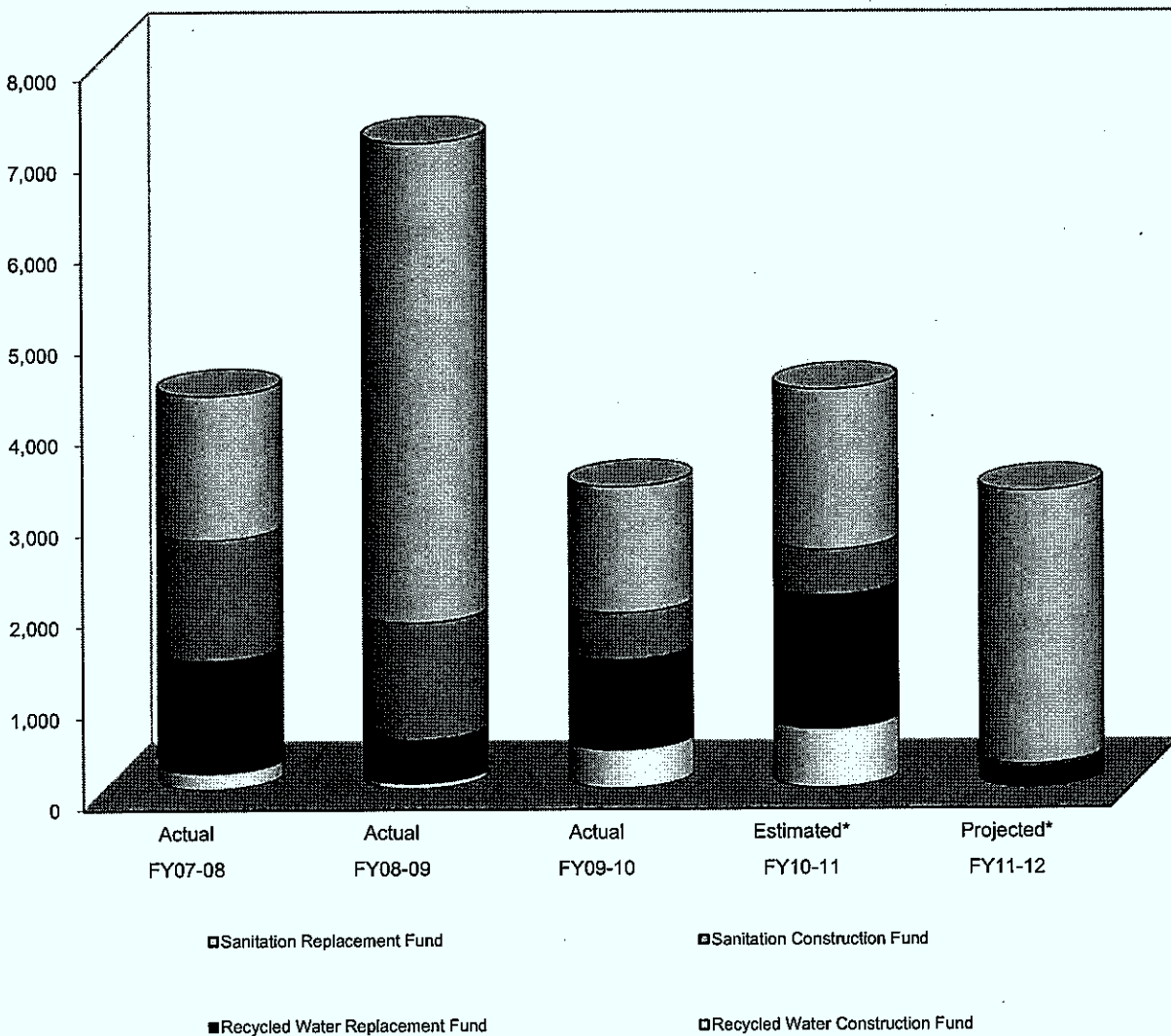
Total Other Funding **\$1,799,475**

Total Estimated Impact on Annual Operating Expense \$0

Appropriations by Fund	FY 2011-12 Appropriations	JPA Projects TSD Share	Net LVMWD Appropriations
Recycled Water Replacement	\$70,000	\$20,580	\$49,420
Sanitation Construction	\$33,000	\$9,702	\$23,298
Sanitation Replacement	\$1,878,674	\$552,330	\$1,326,344
GRAND TOTAL	\$1,981,674	\$582,612	\$1,399,062

**Las Virgenes - Triunfo
Joint Powers Authority
Capital Improvement Projects
Annual Expenditures
(Dollars in Thousands)**

	FY07-08 Actual	FY08-09 Actual	FY09-10 Actual	FY10-11 Estimated*	FY11-12 Projected*
Recycled Water Construction Fund	178	62	425	651	-
Recycled Water Replacement Fund	1,233	472	983	1,458	220
Sanitation Construction Fund	1,322	1,287	514	500	33
Sanitation Replacement Fund	1,586	5,263	1,385	1,768	3,000
	4,319	7,084	3,307	4,377	3,253



*Estimated and Projected expenditures represent working capital requirements for each fiscal year.

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
CAPITAL IMPROVEMENT PROJECTS
WORKING CAPITAL REQUIREMENT by FUND
FY 2011-12**

WORK ORDER NO.	PROJECT NAME / FUND	FY 2011-12 PROJECT REQUIREMENTS	% OF TOTAL PROJECT	FY 2011-12 ALLOCATED REQUIREMENTS	JOINT POWERS ALLOCATION			
					LVMWD SHARE		TSD SHARE	
					RATIO	AMOUNT	RATIO	AMOUNT
Recycled Water Replacement								
10418	Rehabilitation of 18" RW Pipe (Tapia/Mulholland Highway)	\$155,000	100.0%	155,000	70.6%	109,430	29.4%	45,570
80741	Groundwater Supplement Study - Recycled Water System	\$25,000	100.0%	25,000	70.6%	17,650	29.4%	7,350
80755	Pump and Motor Repair - FY 11-12	\$40,000	100.0%	40,000	70.6%	28,240	29.4%	11,760
Total:	Recycled Water Replacement			220,000		155,320		64,680
Sanitation Construction								
80659	Construct 3rd Digester at Rancho	\$165,000	20.0%	33,000	70.6%	23,298	29.4%	9,702
Total:	Sanitation Construction			33,000		23,298		9,702
Sanitation Replacement								
10387	Rancho Material Handling Improvements	\$116,000	100.0%	116,000	70.6%	81,896	29.4%	34,104
10391	Rancho Las Virgenes: Compost Reactor Building Roof Repair	\$525,000	100.0%	525,000	70.6%	370,650	29.4%	154,350
10446	Buffer Land at Rancho	\$250,000	100.0%	250,000	70.6%	176,500	29.4%	73,500
10448	Rancho Polymer Feed System Rehabilitation	\$115,000	100.0%	115,000	70.6%	81,190	29.4%	33,810
10452	Tapia Process Air Evaluation	\$500,000	100.0%	500,000	70.6%	353,000	29.4%	147,000
10457	Tapia Alternative Disinfection Study	\$151,282	100.0%	151,282	70.6%	106,805	29.4%	44,477
10462	Tapia: 20 and 24" Influent Force Main Upgrade	\$363,000	100.0%	363,000	70.6%	256,278	29.4%	106,722
80659	Construct 3rd Digester at Rancho	\$165,000	80.0%	132,000	70.6%	93,192	29.4%	38,808
80714	Rancho Digester Heating System Evaluation	\$150,000	100.0%	150,000	70.6%	105,900	29.4%	44,100
80745	Tapia: Sludge Screening	\$385,000	100.0%	385,000	70.6%	271,810	29.4%	113,190
80749	Tapia Gate and Drive Replacement	\$160,000	100.0%	160,000	70.6%	112,960	29.4%	47,040
80752	Tapia Miscellaneous Equipment - FY 11-12	\$12,500	100.0%	12,500	70.6%	8,825	29.4%	3,675
80753	Tapia Grit Cyclone Conveyor System	\$75,000	100.0%	75,000	70.6%	52,950	29.4%	22,050

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
CAPITAL IMPROVEMENT PROJECTS
WORKING CAPITAL REQUIREMENT by FUND
FY 2011-12**

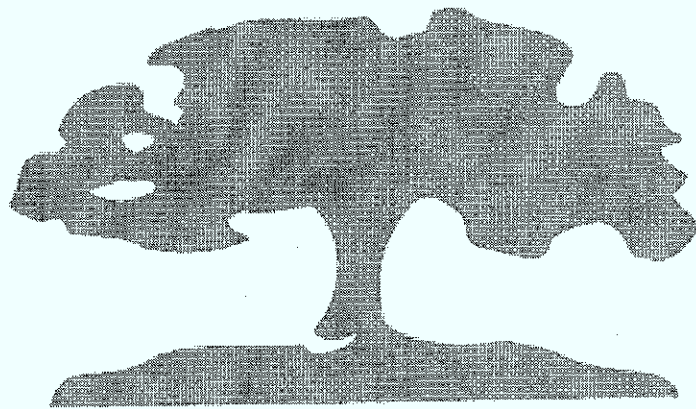
WORK ORDER NO.	PROJECT NAME / FUND	FY 2011-12 PROJECT REQUIREMENTS	% OF TOTAL PROJECT	FY 2011-12 ALLOCATED REQUIREMENTS	JOINT POWERS ALLOCATION			
					LVMWD SHARE		TSD SHARE	
					RATIO	AMOUNT	RATIO	AMOUNT
80754	Tapia Replace Primary Tank Sludge Valves	\$30,000	100.0%	30,000	70.6%	21,180	29.4%	8,820
80756	Rancho Miscellaneous Equipment - FY 11-12	\$35,000	100.0%	35,000	70.6%	24,710	29.4%	10,290
Total: Sanitation Replacement				2,999,782		2,117,846		881,936
GRAND TOTAL				3,252,782		2,296,464		956,318

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
CAPITAL IMPROVEMENT PROJECTS
EXPENDITURE LISTING by FUND
FY 2010-11 ESTIMATED ACTUAL**

WORK ORDER NO.	PROJECT NAME / FUND	FY 2010-11 ESTIMATED EXPENDITURES	% OF TOTAL PROJECT	FY 2010-11 ALLOCATED EXPENDITURES	JOINT POWERS ALLOCATION			
					LVMWD SHARE		TSD SHARE	
					RATIO	AMOUNT	RATIO	AMOUNT
Recycled Water Conservation								
10281	24" Parallel RW Pipeline, Mulholland to Tapia	\$2,604,190	25.0%	\$651,048	70.6%	\$459,640	29.4%	\$191,408
Total: Recycled Water Conservation				\$651,048		\$459,640		\$191,408
Recycled Water Replacement								
10281	24" Parallel RW Pipeline, Mulholland to Tapia	\$2,604,190	56.0%	\$1,458,346	70.6%	\$1,029,593	29.4%	\$428,754
10418	Rehabilitation of 18" RW Pipe (Tapia/Mulholland Highway)	\$0	100.0%	\$0	70.6%	\$0	29.4%	\$0
Total: Recycled Water Replacement				\$1,458,346		\$1,029,593		\$428,754
Sanitation Construction								
10281	24" Parallel RW Pipeline, Mulholland to Tapia	\$2,604,190	19.0%	\$494,796	70.6%	\$349,326	29.4%	\$145,470
10473	BNR Phase III, Centrate Sample Line	\$24,148	20.0%	\$4,830	70.6%	\$3,410	29.4%	\$1,420
Total: Sanitation Construction				\$499,626		\$352,736		\$146,890
Sanitation Replacement								
10257	Combined Heat and Power (CHP) Project	\$280,000	100.0%	\$280,000	70.6%	\$197,680	29.4%	\$82,320
10387	Rancho Material Handling Improvements	\$0	100.0%	\$0	70.6%	\$0	29.4%	\$0
10391	Rancho Las Virgenes: Compost Reactor Building Roof Repair	\$0	100.0%	\$0	70.6%	\$0	29.4%	\$0
10392	Rancho Las Virgenes: Replace Centrate Line	\$794,631	100.0%	\$794,631	70.6%	\$561,009	29.4%	\$233,622
10402	Rancho Groundwater Wells	\$0	100.0%	\$0	70.6%	\$0	29.4%	\$0
10404	Tapia Tank Rehab - FY08-09	\$0	100.0%	\$0	70.6%	\$0	29.4%	\$0
10421	GIS: Sanitation System Data Conversion	\$14,880	100.0%	\$14,880	70.6%	\$10,505	29.4%	\$4,375
10446	Buffer Land at Rancho	\$0	100.0%	\$0	70.6%	\$0	29.4%	\$0
10448	Rancho Polymer Feed System Rehabilitation	\$6,000	100.0%	\$6,000	70.6%	\$4,236	29.4%	\$1,764
10449	Rancho Solar Project	\$0	100.0%	\$0	70.6%	\$0	29.4%	\$0
10451	Tapia Gate and Drive Replacement	\$5,431	100.0%	\$5,431	70.6%	\$3,834	29.4%	\$1,597

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
CAPITAL IMPROVEMENT PROJECTS
EXPENDITURE LISTING by FUND
FY 2010-11 ESTIMATED ACTUAL**

WORK ORDER NO.	PROJECT NAME / FUND	FY 2010-11 ESTIMATED EXPENDITURES	% OF TOTAL PROJECT	FY 2010-11 ALLOCATED EXPENDITURES	JOINT POWERS ALLOCATION			
					LVMWD SHARE		TSD SHARE	
					RATIO	AMOUNT	RATIO	AMOUNT
10452	Tapia Process Air Evaluation	\$156,000	100.0%	\$156,000	70.6%	\$110,136	29.4%	\$45,864
10453	Tapia and Rancho Vulnerability Assessment	\$0	100.0%	\$0	70.6%	\$0	29.4%	\$0
10454	Rancho Centrifuge Power Reliability Project	\$0	100.0%	\$0	70.6%	\$0	29.4%	\$0
10455	Rancho Farm Building Rehabilitation	\$21,553	100.0%	\$21,553	70.6%	\$15,216	29.4%	\$6,337
10456	Tapia Screenings Washer/Compactor	\$79,200	100.0%	\$79,200	70.6%	\$55,915	29.4%	\$23,285
10457	Tapia Alternative Disinfection Study	\$108,718	100.0%	\$108,718	70.6%	\$76,755	29.4%	\$31,963
10458	Tapia Pump/Motor Rebuild/Replacement, FY10-11	\$22,137	100.0%	\$22,137	70.6%	\$15,629	29.4%	\$6,508
10459	Tapia CP1000, CP100 and Screening Area Roof	\$0	100.0%	\$0	70.6%	\$0	29.4%	\$0
10462	Tapia: 20 and 24" Influent Force Main Upgrade	\$0	100.0%	\$0	70.6%	\$0	29.4%	\$0
10465	Rancho: Flare Controls Safety Upgrade	\$0	100.0%	\$0	70.6%	\$0	29.4%	\$0
10469	Rancho Miscellaneous Equipment - FY 10-11	\$73,000	100.0%	\$73,000	70.6%	\$51,538	29.4%	\$21,462
10470	Tapia Miscellaneous Equipment - FY 10-11	\$0	100.0%	\$0	70.6%	\$0	29.4%	\$0
10472	Westlake Wells 1 and 2 Renovation	\$50,240	100.0%	\$50,240	70.6%	\$35,469	29.4%	\$14,771
10473	BNR Phase III, Centrate Sample Line	\$24,148	80.0%	\$19,318	70.6%	\$13,639	29.4%	\$5,680
10480	Rancho Farm Centrate Generator Modification	\$46,921	100.0%	\$46,921	70.6%	\$33,126	29.4%	\$13,795
10483	Replace Farm Meters	\$50,000	100.0%	\$50,000	70.6%	\$35,300	29.4%	\$14,700
10485	005 Sample Point	\$40,000	100.0%	\$40,000	70.6%	\$28,240	29.4%	\$11,760
Total: Sanitation Replacement				\$1,768,029		\$1,248,229		\$519,801
GRAND TOTAL				\$4,377,049		\$3,090,197		\$1,286,852



RESOURCE CONSERVATION AND PUBLIC OUTREACH

Program Descriptions

Resource Conservation and Public Outreach Programs are included as individual line-item requests throughout the Budget. To provide a consolidated review, each Program is detailed on the following pages. This allows a more in-depth description of each Program and a more comprehensive perspective than is available within the business unit line-item explanations.

RESOURCE CONSERVATION AND PUBLIC OUTREACH

Public Outreach Programs

School Education

FUNDING SOURCES

Las Virgenes MWD - general	701230
Las Virgenes MWD - 100%	101900
Joint Powers Authority - 100%	751840

ACCT #	DESCRIPTION	2010-11 Adopted Budget	2010-11 Estimated Actual	2011-12 Proposed Budget
	Program Expenses			
701230.6602	School Education	54,133	52,006	52,052
101900.6602	School Education - 100% LVMWD	76,281	43,300	148,496
751840.6602	School Education - 100% JPA	5,230	7,576	6,865
	Total Expenses	\$ 135,644	\$ 102,882	\$ 207,413

PROGRAM DESCRIPTION

All programs include staff time charged from 701230.6100 and other units.

- 701230.6602 Support for Outdoor Education (\$2,000), including educational materials, (\$2,000) and extensive staff time.
- 101900.6602 Includes LVUSD water science education school initiative (\$107,000); annual primary school poster contest and related calendar (\$7,500); National Theater for Children and related take-home support materials (\$8,800); secondary school outreach program (\$5,000) and the annual library book program (\$3,500).
- 751840.6602 Wastewater education initiatives, programs and tours (\$5,000). Also includes programs designed to accommodate home-school students.

RESOURCE CONSERVATION AND PUBLIC OUTREACH

Public Outreach Programs

Public Education

FUNDING SOURCES

Las Virgenes MWD - general	701230
Las Virgenes MWD - 100%	101900
Joint Powers Authority - 100%	751840

ACCT #	DESCRIPTION	2010-11 Adopted Budget	2010-11 Estimated Actual	2011-12 Proposed Budget
Program Expenses				
701230.6604	Public Education	174,949	140,809	174,762
101900.6604	Public Education - 100% LVMWD	74,443	71,315	83,573
751840.6604	Public Education - 100% JPA	48,921	46,065	51,659
	Total Expenses	\$ 298,313	\$ 258,189	\$ 309,994

PROGRAM DESCRIPTION

All programs include staff time charged from 701230.6100 and other units.

Overall reductions reflect an anticipated decrease in water conservation advertising programs.

- 701230.6604 Includes community outreach (\$15,000); events and activities (\$50,000); printing and production of customer newsletters (\$30,000); District brochures (\$15,000)
- 101900.6604 Includes water conservation-related display advertising, shut down notifications and other incident-specific notices to customers (\$10,000); conservation education to hotels, restaurants and businesses (\$5,000); chamber directories (\$1,800) and "water supply only" District quarterly tours (\$4,000). ACWA/National Geographic water education series as approved by the Board (FY10-11 - 2 issues, \$26,300). Includes contingency outreach programs in the event of a water shortage requiring reductions in use.
- 751840.6604 Quarterly tours of Rancho/Tapia (\$4,000); Malibu Creek Watershed and regulatory issue outreach (\$3,500); JPA activities and display advertising related to watershed, compost promotion and NPDES issues (\$10,000).

RESOURCE CONSERVATION AND PUBLIC OUTREACH

Public Outreach Programs

Community Group Outreach

FUNDING SOURCES

Las Virgenes MWD - general	701230
Las Virgenes MWD - 100%	101900
Joint Powers Authority - 100%	751840

ACCT #	DESCRIPTION	2010-11 Adopted Budget	2010-11 Estimated Actual	2011-12 Proposed Budget
Program Expenses				
701230.6606	Community Group Outreach	18,035	18,035	19,492
101900.6606	Community Group Outreach - 100% LVMWD	71,044	78,373	48,308
751840.6606	Community Group Outreach - 100% JPA	18,023	17,472	17,399
Total Expenses		\$ 107,102	\$ 113,880	\$ 85,199

PROGRAM DESCRIPTION

All programs include staff time charged from 701230.6100 and other units.

- 701230.6606 Includes funding for community water leadership forums (\$5,700); meetings and fees for speaker's bureau, chamber events and luncheons (\$2,000) and community liaison expenses (\$1,000).
- 101900.6606 Includes water-related community group events (\$40,000); brochures, advertising, posters, speaker's bureau publications and supplies, photos and training materials (\$2,000)
- 751840.6606 JPA related publications and community group outreach related to watershed stewardship and NPDES issues (\$15,000) and speaker's bureau expenses (\$1,000)

RESOURCE CONSERVATION AND PUBLIC OUTREACH

Public Outreach Programs

Intergovernmental Coordination

FUNDING SOURCES

Las Virgenes MWD - general	701230
Las Virgenes MWD - 100%	101900
Joint Powers Authority - 100%	751840

ACCT #	DESCRIPTION	2010-11 Adopted Budget	2010-11 Estimated Actual	2011-12 Proposed Budget
Program Expenses				
701230.6608	Intergovernmental Coordination	17,542	10,000	10,000
101900.6608	Intergovernmental Coordination - 100% LVMWD	23,696	10,701	26,697
751840.6608	Intergovernmental Coordination - 100% JPA	34,272	16,555	35,558
	Total Expenses	\$ 75,510	\$ 37,256	\$ 72,255

PROGRAM DESCRIPTION

Programmed funds include labor to support intergovernmental activities such as legislative monitoring and activities with the state legislature, county, cities, school districts, federal agencies and regulatory bodies.

Annual budget includes contingency funds for responses to legislative or regulatory issues that emerge on short notice.

RESOURCE CONSERVATION AND PUBLIC OUTREACH

Field Conservation Programs

FUNDING SOURCES

Potable Water (LVMWD) - 100% 101900

ACCT #	DESCRIPTION	2010-11 Adopted Budget	2010-11 Estimated Actual	2011-12 Proposed Budget
	Program Expenses			
6629	Customer Water Budgets	-	3,679	-
6634	Weather Stations	-	-	-
6681	Brochures	-	1,147	-
	Total Expenses	\$ -	\$ 4,826	\$ -

PROGRAM DESCRIPTION

The Field Conservation Program funds those projects which are designed to facilitate efficient water use by District customers, while moving toward compliance with the Urban Water Conservation Act and its associated Memorandum of Understanding (MOU). The programs also help the District to meet specific conservation targets to reduce water imports under the MWD Integrated Resources Plan (IRP).

SIGNIFICANT CHANGES

Field Conservation Programs are now administered by the District's Customer Service Section.

LINE ITEM EXPLANATIONS

6629 Customer Water Budgets – Program discontinued.

6634 Customer Water Budgets – Program discontinued.

6681 Brochures – Program discontinued.

RESOURCE CONSERVATION AND PUBLIC OUTREACH

Conservation Education Programs

FUNDING SOURCES

Potable Water (LVMWD), MWD CPP program – 101900

ACCT #	DESCRIPTION	2010-11 Adopted Budget	2010-11 Estimated Actual	2011-12 Proposed Budget
	Program Expenses			
6742	Garden Program	55,558	-	49,288
6748	Professional Landscape & Irr Wkshp	9,823	9,558	8,221
6749	Residential Customer Landscape & Irr Training	55,191	46,000	60,663
	Total Expenses	\$ 120,572	\$ 55,558	\$ 118,172

PROGRAM DESCRIPTION

Conservation Education Programs are designed to educate District customers and contractors working in and around the service area on sustainable water-wise landscape and irrigation design, maintenance and management concepts, techniques and practices.

LINE ITEM EXPLANATIONS

- 6742 Garden Program – This program funds water efficient landscape and irrigation demonstration gardens in public areas. (\$46,000 Prop 13 funds, 4 outdoor labs, 40 turf removal projects)
- 6748 Professional Landscape and Irrigation Workshops - This program provides workshops for professional landscapers to educate them on current water efficient landscaping practices, including plant selection and water efficient irrigation systems and methods.
- 6749 Homeowner Landscape and Irrigation Workshops – Popular LVMWD produced landscape and irrigation design and maintenance classes for local homeowners. Additional classes, added in response to customer interest, will continue to be developed and offered. The expanded and refocused curriculum concentrating on sustainable gardening practices that can be easily and affordably implemented to improve garden health and reduce chemical and water use. (\$36,000 materials and services)

RESOURCE CONSERVATION AND PUBLIC OUTREACH

Watershed Programs

FUNDING SOURCES

Potable Water/Grants 101900
 Joint Powers Authority/Grants 751840

ACCT #	DESCRIPTION	2010-11 Adopted Budget	2010-11 Estimated Actual	2011-12 Proposed Budget
101800.4421	Prop. 50 IRWMP	50,000	50,000	-
	Total Revenues	\$ 50,000	\$ 50,000	\$ -
101900.6785	Watershed	-	-	20,343
751840.6785	Watershed	55,276	67,448	84,008
	Total Expenses	\$ 55,276	\$ 67,448	\$ 104,351

PROGRAM DESCRIPTION

Multiple projects are administered under this business unit to manage community water resources, especially those that may be affected by District facilities or operations, and to participate in water quality projects supported by the District within the Malibu Creek watershed. Watershed programs focus on advancing the district's leadership role as a steward of the watershed, its water (emphasis on water quality) and aquatic life

SIGNIFICANT CHANGES

In 2011-12 we will (1) participate in the second phase of the NPDES permit-mandated effort to streamline and consolidate water quality testing by multiple agencies in the Malibu Creek watershed. (2) We will also continue our investigation of watershed geology and natural sources of metals, nutrients and salts (sulfate, etc.), shifting our focus to natural source impacts on aquatic life in local streams, with an emphasis on those species used in TMDL and permit-mandated water quality assessments (e.g. algal diatoms and aquatic insects). (3) As time permits we will also continue to research potential causes of the 2006 and 2009 steelhead trout die backs. (4) At the regional level, we will continue to play a leadership role in the development of the Integrated Regional Water Management Plan (IRWMP), with a 2011-12 emphasis on securing new state funding (Prop. 84) for innovative water quality, water supply and water conservation projects in our service area and adjacent subregions.

LINE ITEM EXPLANATION

101800.4421 Prop. 50 grant for water conservation programs (HECW, HET, MCRC) in partnership with the City of Westlake Village, and for urban runoff control project.

Watershed Programs

101900.6785 This account funds watershed projects and programs limited in geographic or functional scope to District potable water facilities and services. In FY 2011-12 we have budgeted \$20,000 to identify and evaluate IRWMP water supply projects and to allocate funds towards meeting any required local match for successful projects through the IRWMP Prop. 84 competitive grant program.

751840.6785 This account funds watershed projects and programs related to JPA facilities and services. In FY 2011-12 \$84,000 is budgeted for work described under items (1) – (3) in Significant Changes (above) and item (4) for IRWMP water quality projects within the JPA service area.

June 6, 2011 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject: Call for Bids for Aluminum Sulfate

Las Virgenes Municipal Water District and Triunfo Sanitation District Joint Powers Authority approved funding for this matter under the Joint Powers Authority Budget. Las Virgenes Board, as the administering agent, approved the proposed bid schedule and notice inviting sealed bids for the supply and delivery of aluminum sulfate at their May 24, 2011, meeting.

SUMMARY:

The JPA uses aluminum sulfate (also called alum) to enhance the coagulation of solids during the tertiary filtration process at the Tapia Water Reclamation Facility. The current supplier, General Chemical, has completed their three-year commitment to provide alum; therefore, it is necessary at this time to go to bid for this product. We are proposing a one-year contract with two one-year renewal options.

FINANCIAL IMPACT:

Total estimated annual cost to the District for aluminum sulfate is \$30,000.00. Funds are available in the current budget and will be proposed in future budgets for this product.

DISCUSSION:

Bids will be requested according to the following schedule:

Board Authorization of Call for Bids Tuesday, 05/24/11
First Newspaper Advertisement Monday, 05/30/11
Second Newspaper Advertisement Monday, 06/06/11
Bid Opening Wednesday, 06/22/11
Award of Contract Tuesday, 07/12/11

The successful bidder will be awarded the contract based on a combination of pricing, reliability and customer service.

Prepared By: Brett Dingman, Reclamation Manager

June 6, 2011 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject: Call for Bids for Sodium Bisulfite

Las Virgenes Municipal Water District and Triunfo Sanitation District Joint Powers Authority approved funding for this matter under the Joint Powers Authority Budget. Las Virgenes Board, as administering agent, approved the proposed bid schedule and notice inviting sealed bids for the supply and delivery of sodium bisulfite at their May 24, 2011, meeting.

SUMMARY:

The JPA uses sodium bisulfite for the dechlorination of recycled water prior to discharge to Malibu Creek or the L.A. River. The current supplier, JCI Jones Chemical, will complete their three-year contract to supply sodium bisulfite on July 22, 2011; therefore, it is necessary at this time to go out to bid for this product. We are proposing a one-year contract with two one-year renewal options.

FINANCIAL IMPACT:

Total estimated annual cost to the District for sodium bisulfite is \$220,000.00. Funds are available in the current budget and will be proposed in future budgets for this product.

DISCUSSION:

Bids will be requested according to the following schedule:

Board Authorization of Call for Bids Tuesday, 05/24/11
First Newspaper Advertisement Monday, 05/30/11
Second Newspaper Advertisement Monday, 06/06/11
Bid Opening Wednesday, 06/22/11
Award of Contract Tuesday, 07/12/11

The successful bidder will be awarded the contract based on a combination of pricing, reliability and customer service.

Prepared By: Brett Dingman, Reclamation Manager

June 6, 2011 JPA Board Meeting

TO: JPA Board of Directors

FROM: General Manager

Subject: Comment Letter - SSS-WDRs Review and Update

SUMMARY:

In 2006 the State Water Resource Control Board (SWRCB) adopted Waste Discharge Requirements (WDR) for sanitary sewers. The JPA enrolled in the WDR and has met all reporting and planning requirements. Recently the SWRCB published proposed revisions to the WDR. The attached letter is the JPA's comments on proposed revisions.

Prepared By: John Mundy, General Manager

ATTACHMENTS:

[Comment Letter](#)



Las Virgenes – Triunfo Joint Powers Authority
4232 Las Virgenes Road, Calabasas, CA 91302
818.251.2100



May 5, 2011

Jeanine Townsend
Clerk to the Board, Executive Office
State Water Resources Control Board
1001 I Street, 24th Floor
Sacramento, CA 95814

SUBJECT: Comment Letter – SSS-WDRs Review and Update

Dear Ms. Townsend:

Las Virgenes MWD and Triunfo Sanitation District, a Joint Powers Authority (Authority), appreciates the opportunity to provide comments on the proposed revisions to the Sanitary Sewer System Waste Discharge Requirements (SSS-WDR). For background, the Authority provides wastewater treatment, bio-solids treatment and recycled water in the northwestern portion of Los Angeles County and the southeastern portion of Ventura County. The service area generally consists of the Malibu Creek Watershed and small portions of the Los Angeles River Watershed. The Authority owns and operates the Tapia Water Reclamation Facility and 60 miles of trunk sewer lines. There are several hundreds of miles of satellite collection systems owned and operated by the cities and counties over which the Authority has no legal authority.

Since the adoption in May 2006 of the SSS-WDR, the Authority has made a significant investment in staff time and other resources to develop the various plans and submittals required by the WDR. For example, a substantial investment was made to GPS map the trunk sewer system so that it could be included in a comprehensive GIS program. As the Staff Report indicates, development and implementation of SSMPs by SSS-WDRs enrollees has just been completed and these plans need to be fully implemented so their effectiveness can be properly identified. Further, it is recognized that dramatically changing SSMP requirements before full implementation will likely lead to confusion regarding the SSMP requirements among enrollees, the public, the Regional Boards and Water Board staff. It was only a little over a year and half ago that those final required submittals were provided to the SWRCB. Based on that short amount of time, the Authority believes it is premature to make significant changes to the adopted WDR.

We appreciate this opportunity to present the following comments on the proposed changes to the draft waste discharge requirements for sanitary sewers:

- The proposed SSS WDR moves away from the approach developed by the Stakeholder SSO Guidance Committee in 2005-2006, which focused on reporting of SSOs and reducing SSOs with the potential to affect water quality or public health, to a very prescriptive and onerous order that seeks to dictate decisions regarding the way local sewer system programs are managed, funded and implemented. Compliance with the revised SSS WDR will require far greater staff and other resources, at a time when public agency budgets are shrinking. Furthermore, it is unclear how the additional information that must be generated

Mike Paule
Chair, Las Virgenes-Triunfo
Joint Powers Authority
Chair, Triunfo Sanitation District
Board of Directors

Lee Renger
Vice Chair, Las Virgenes-Triunfo
Joint Powers Authority
President, Las Virgenes Municipal Water District
Board of Directors

will be used by the Water Boards or that the efforts required under the revised permit will produce corresponding environmental or public health benefits.

- It is essential that State and Regional Water Board staff consider the reasons for each SSO in any enforcement action. The existing SSS WDRs included language in Provision D.6 that provided some reassurance that, in the case of an SSO enforcement action, the State and/or Regional Water Board would consider why the SSO might have occurred and to what extent it would have been reasonably possible for the Enrollee to prevent it.

Existing language read: *"In assessing these factors, the State and/or Regional Water Boards **will** also consider whether..."* (emphasis added)

In the proposed revisions to the SSS WDRs, this language was changed to read: *"In assessing these factors, the State and/or Regional Water Boards **may** also consider whether..."* (emphasis added)

The proposed revisions to the SSS WDRs would transform the existing enforcement discretion language, which expresses a clear statement of the State Board's intent regarding enforcement priorities and responses, into a purely advisory provision, which individual regional boards are free to follow or ignore as they choose. The factors described in (a) through (g) of Provision D.6 are highly relevant to the Enrollee's efforts to properly manage, operate and maintain its system and these factors should definitely be considered in enforcement actions. It is imperative that the existing language be retained. Enrollees should not be made to suffer consequences for conditions that are outside their reasonable control.

- Significant additional Sewer System Management Plan (SSMP) requirements should not be mandated until the State Water Board provides guidance and funding. The proposed "Risk and Threat Analysis" and "Staff Performance Assessment Program" are vague, not statistically supported, unnecessarily complicated, and overly prescriptive. The proposed Risk and Threat Analysis of all sanitary sewer assets would be complex and resource-intensive, and would not provide incrementally more benefit than that provided by an otherwise well-operated and managed system. It is not appropriate to require every agency to implement this requirement unless the Water Board can demonstrate that those agencies complying with current requirements have been ineffective in reducing SSOs. This program should also only be required if and when adequate Water Board guidance has been developed and funding is provided.

Requiring development and implementation of the proposed Staff Assessment Program on an agency-by-agency basis is unrealistic. The expectations outlined in the proposed revisions to the SSS WDRs suggest that agency staff would be responsible for developing a program similar to the existing Technical Certification Program offered by the California Water Environment Association, which would require a substantial investment of resources to do redundant work at each agency. It is also not appropriate to require public agencies to train contractors (which are separate, private entities). The Water Board should not

implement these new requirements until detailed program guidance is provided. Also, Water Board staff has not demonstrated that the current training requirements are deficient.

- SSMP sections (i) and (j) should be combined, because otherwise the requirements for routine review and revisions of the SSMP are redundant and contradictory. SSMP Section (i) *Performance Targets and Program Modifications* and Section (j) *SSMP Program Audits* both require the Enrollee to evaluate the effectiveness of the SSMP and correct or update the document as necessary. Section (i) indicates that this process is to occur on an annual basis, while Section (j) specifies a minimum frequency of once every two years. We recommend that Water Board staff combine these two sections and clarify the requirements.
- The SSS WDR will expand liability for SSOs by including all spills to surface water as prohibited SSOs subject to enforcement, instead of only those reaching a "water of the United States." This change does not provide added protection of water quality or public health. Rather, it just places additional unnecessary and costly regulatory requirements on public agencies.
- The proposed SSS WDR will transform the existing enforcement discretionary language, which expresses a clear statement of the State Board's intent regarding enforcement priorities and responses into a purely advisory provision, which individual regional boards are free to follow or ignore as they choose. This has the potential to create confusion and conflicting regulations.
- The SSS WDR is overly focused on private sewer laterals (PSL), requiring reporting of PSL spills by enrollees who have no authority over the privately owned laterals and requiring detailed information regarding local lateral programs.

The SSS WDR would require enrollees to report spills from privately owned laterals when they become aware of them. Such reporting is currently voluntary. Water Board staff has not provided adequate justification nor has it thoroughly considered the staffing and financial resources necessary to require public agencies to report PLSDs that are not affiliated with the collection system agency. The justification offered for this change is simply that the State Water Board wants to "get a better picture of" the magnitude of PSLDs and better identify collection systems with "systemic issues" with PSLs.

The Staff Report includes a reference to a study that indicated that the total volume of sewage from private laterals is about 5% of the total volume from SSOs, almost all of which never pose a threat to waters. Requiring public agencies to provide detailed information regarding such a small percentage of overflow volumes from parts of the system over which they have no control is not appropriate and would divert limited staff resources from higher priority issues that actually protect waters.

In the Authority's case, we are two levels removed from PSL because the local collection systems are owned and operated by the local cities and Los Angeles County. Most residential laterals are owned by the private homeowner; it would not be reasonable, under any circumstance, to assume the Authority would have knowledge of a PSL spill resulting from a blockage or pipe failure. Furthermore, if enrollees are required to report spills whether or not they occur within the enrollee's system, multiple entities (city, county, POTW, etc.) could all be required to report a single PSL spill with potentially differing estimates of volume and other information. Rather than enhance the Board's knowledge base, this will actually lead to greater confusion and require additional resources to sort out and match up the multiple reports.

- The SSS WDR will include a new prohibition on the use of chlorine during spill cleanups, including any potential chlorine residual in potable water, thus making it very difficult to wash down and fully clean up and disinfect SSOs on roads and gutters, and in storm drains or ditches. In addition, the amount of potable water used, combined with the distance it would have to travel to reach surface water (so the chlorine would readily degrade) does not warrant the additional on-site operational difficulty in dechlorination. This prohibition could be detrimental to public health and safety, rather than protective of those key elements.
- Provision 8 suggests that sanitary sewer systems will need replacing within the timeframe of these WDRs. The reference to "eventual replacement" should be removed because the need to replace sewers is dependent on several factors; the life expectancies of these systems vary from area to area and may have service lives exceeding 50 plus years. Sewers should not be replaced automatically when they reach a certain age, especially when they are in good condition and functioning as designed. This would not be a good use of limited public resources. Condition assessment which determines the remaining capacity, strength and condition of the system should be used to develop a comprehensive replacement/rehabilitation plan not an arbitrary regulatory requirement.

The Authority does appreciate the proposed revisions that would make the SSS WDR a clearer regulation such as:

- Revisions that streamline spill notification points of contact. However, Paragraph G.4 indicates that Enrollees are to provide immediate notification of SSOs to the local health officer or the local director of environmental health, contrary to the instructions indicated in Section A of the Monitoring and Reporting Program and the Staff Report. Please clarify that notification shall only be made to Cal EMA, and indicate that Cal EMA will notify other agencies.
- Modifying the applicability criteria to include a flow threshold (>25K gallons on any single day) and a pipe mileage threshold (>1 mile).
- Expanding the coverage of the SSS WDRs to private collection systems meeting the pipe mileage and proposed flow thresholds, and

- Clarifying that SSOs to land is not the focus of the SSS WDR.

The Authority strongly opposes any two-tiered WDR. Under the two-tiered WDRs, and NPDES permit: (1) enrollees who have had at least one SSO that has reached waters of the United States would be required to seek coverage under the NPDES permit; (2) enrollees who have never had any SSO that has reached waters of the United States would be required to seek coverage only under the WDRs; and (3) when an enrollee covered under the WDRs reports a SSO that has reached waters of the United States, the enrollee would be required to switch coverage from the WDRs to the NPDES permit. The NPDES permit (as does the SSO WDR) includes a prohibition against all SSOs to waters of the United States.

Since the SSS WDR does not authorize any SSOs to waters of the United States, there is no need for an NPDES permit, as there are no permitted discharges! The result of such a change would be to subject local public agencies to additional citizen group lawsuits and higher administrative penalties with absolutely no demonstration that this would improve water quality or reduce SSOs. This alternative would also require additional Water Board staff resources to track and implement the different permit tiers.

If you have any questions, please contact David Lippman, P.E., Director of Facilities and Operations, at 818-251-2221 or dlippman@lvmwd.com.

Thank you for the opportunity to comment on these proposed revisions.

Sincerely,



John R. Mundy,
Administering Agent/General Manager

JM:acg



TRIUNFO SANITATION DISTRICT

A PUBLIC AGENCY

May 10, 2011

John Mundy
Las Virgenes - Triunfo JPA
4243 Las Virgenes Road
Calabasas, CA 91302

VENTURA REGIONAL SANITATION DISTRICT BIOSOLIDS FACILITY

Mark Lawler, District Manager, is on vacation from May 9 through 23, 2011. The Triunfo Sanitation District Board of Directors asked him to forward a copy of the attached letter to you and to have it placed on the JPA agenda as an information item. Please note that no odors have been substantiated from the biosolids facility.

If you have any questions please call me at 805-658-4602 or email me at douganders@vrzd.com.



DOUG ANDERS – ACTING DISTRICT MANAGER

cc: TSD Board

05/10/11

MEMORANDUM FOR THE BOARD OF DIRECTORS
SUBJECT: VENTURA REGIONAL SANITATION DISTRICT BIOSOLIDS FACILITY
DATE: 5/10/11
FROM: JOHN MUNDY, DISTRICT MANAGER
TO: BOARD OF DIRECTORS
RE: A letter from the Ventura Regional Sanitation District (VRSD) regarding the biosolids facility. The letter states that no odors have been substantiated from the facility.

VENTURA REGIONAL SANITATION DISTRICT

1001 PARTRIDGE DRIVE, SUITE 150 • VENTURA, CA 93003-0704



File Copy
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A Public
Waste
Management
Agency

November 23, 2010

Richard Hauge
Environmental Health Specialist IV
Environmental Health Division
County of Ventura
800 S. Victoria Ave.
Ventura, CA 93009

Regarding: Toland Road Odor Investigation letter

Dear Mr. Hauge:

This letter is in response to your request of October 28, 2010, to "Provide the LEA with a copy of VRSD's report on the investigation into the landfill as a source of off-site nuisance odors." A formal report on off-site nuisance odors has not been prepared although a presentation on the complaints investigation was made to our Board on November 18, 2010. Since a formal written report has not been prepared, this letter will serve as the requested report.

On September 15, 2010 the VRSD had a meeting with County Regulatory Agencies (APCD, EHD, County Planning and Supervisors Long's office regarding landfill odor complaints. At the conclusion of our meeting on September 15 VRSD contracted with Richard Baldwin to help us identify potential sources of nuisance odors at Toland, and if any were found, to make recommendations on how to mitigate the odors. Mr. Baldwin has made several trips to the landfill conducting his independent investigation, and on October 4, 2010, he conducted a joint inspection with Mr. Dan Searcy of APCD. These inspections have not identified any off-site odors from the landfill. In addition, APCD has never identified any offsite odors generated by the landfill or biosolids processing facility. It is also our understanding that off-site odors from Toland have not been identified by EHD or Planning.

Stockpiling or composting of green waste can be a significant source of odor. It is our understanding that in recent years there have been significant amounts of green waste imported into the Santa Clara valley for use within the agricultural community. It is our understanding that the amount of green waste is in excess of 100,000 tons per yr.

Richard Hauge
November 23, 2010
Page 2

VRSD did utilize green waste for erosion control and ADC. However, in September 2010, VRSD stopped taking any shipments of green waste to avoid the potential of contributing to an odor source.

We are concerned, however, that the numerous piles of composting green waste on private lands surrounding the Toland Road landfill may contribute to odors complained of by our neighbors. As you know, we do not have the ability to access these private properties to assess whether or not those piles of green waste are in fact a source of odors in the neighborhood, nor should we. Furthermore, if we were to determine that in fact green waste was causing odors we would be powerless to do anything about the situation. We also received notice from a nearby neighbor that someone is storing turkey manure on their property. That information was forwarded to you soon after we received it. Again, this is an agricultural activity that definitely can contribute to odors in the area. Finding and resolving odors from off-site sources lies with other government agencies, as we believe it should.

As you probably know, the first odor complaints were filed on April 6, 2010. The last complaint we are aware of was filed on September 30, 2010. During this time frame 21 complaints were filed either with EHD, APCD, Planning, and/or VRSD. Yet the landfill has been operating since 1996 without complaints prior to April 6, and the biosolids facility has been operating since August, 2009. During this time period when complaints were received, there were six complaints filed when the biosolids facility was not running, and four complaints filed when it most likely was not running. The biosolids facility logs at that time only indicated AM and PM, although we know it did not start before 10, and almost always stopped by 5, while the complaints have been about odors occurring either in late evening or early morning. It has been our understanding that the complaints seem focused on operation of the biosolids facility. Yet when we receive odor complaints about the facility when it is not running, we have to wonder if there is something else going on not related to Toland that is causing these complaints.

With respect to the biosolids drying process, there were no property line odors that could be identified by either VRSD, Mr. Baldwin, or APCD. However, in consultation with Mr. Baldwin and APCD staff, VRSD staff has implemented two housekeeping measures to further reduce the possibility of on-site odors caused by the processed (dried) biosolids material. The first measure was to remove all dried biosolids, from the loading facility, at the end of each day. The second measure was to bury all dried biosolids at the end of each day. VRSD will continue to work with Mr. Baldwin and all regulators to minimize on-site odors.

APCD requires VRSD to monitor potential odor-causing emissions from the biosolids processing facility. The monitoring includes daily and annual testing for specific compounds. The odors most likely to be offensive are ammonia and hydrogen sulfide from the wet biosolids storage, and hydrogen sulfide from the dryer.

The wet material is stored in an enclosed hopper which is under negative pressure. The air from the storage hopper is vented to an activated carbon air pollution control device. The ammonia and hydrogen sulfide emissions from this control device have been meeting the daily and annual testing limits since monitoring began in March, 2010. The daily ammonia emissions are typically less than one quarter of the permitted limit. The daily hydrogen sulfide emissions are typically nondetectable.

The daily records show that hydrogen sulfide levels from the dryer exhaust have been, with three exceptions, nondetectable. On those three occasions there was a reading of 1, 3 and 14 ppmv. The permit limit is 3 ppmv. The 14 ppmv value, which occurred on August 9, 2010, cannot be explained. However, the technician taking the measurements noted on one occasion that when a drop of water got onto the tip of the colorimetric tube, the entire tube turned color which would indicate a high level of hydrogen sulfide. At this late date we can only speculate that the 14 ppmv value was likely caused by water contamination while the sample was being taken since the environment being tested is very moist. In short, we believe the high value was due to operator error.

As you may know, the total reduced sulfur permitted hourly limit calculated as hydrogen sulfide was exceeded on the compliance source test. However, the hydrogen sulfide concentration level was measured at less than 6 percent of the permitted limit during that same source test. We are currently trying to understand how the total reduced sulfur levels calculated as hydrogen sulfide could have been so high on one of the three runs taken during the source test while the other two results were well within permitted limits. This is especially perplexing given the almost-always nondetectable measured levels from the daily monitoring at the stack.

APCD issued a Notice of Violation for the exceedance documented on the third run. A copy of our response to APCD is attached.

We recently converted the hand written data logs into an Excel spreadsheet. The data sheets show all the parameters of concern to APCD, as well as those critical to VRSD in our operation of the biosolids facility and the microturbine facility. If you want a copy of

Richard Hauge
November 23, 2010
Page 4

this log we will gladly email it to you. Please email Sally Coleman for a current copy of the Excel file.

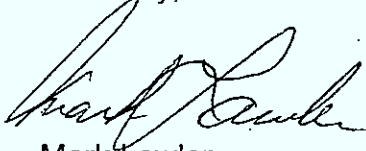
Mr. Baldwin has been observing our operations and has discussed with me the need to formalize responses to indicators of problems. For example, the August 9 14 ppmv reading should have been followed up by retesting, noting the results of the retest, and if the high reading is confirmed, initiating a response action by someone on the biosolids team.

Unfortunately, we are at a difficult point in time where the contractor is still responsible for the facility as we have not yet accepted it from them. The acceptance criteria is both dryers must run concurrently for 72 hours, and during that period the facility must meet all air emissions and water quality standards. To date the acceptance criteria has not been met. VRSD, with the cooperation of the contractor, is taking a more active role in improving the performance of the facility.

In conclusion, APCD has not observed or documented any Toland Road related odors offsite, nor have we. Therefore, we do not believe we are in violation of any laws related to public nuisance. The VRSD is committed to being a good neighbor and addressing complaints from the community.

If you have any questions please feel free to call me.

Sincerely,



Mark Lawler
General Manager

C: VRSD Board of Directors
Mark Zirbel, VRSD Counsel
Sally Coleman, Operations Manager
Keith Duval, VCAPCD
Scott Ellison, County Planning
Richard Baldwin, VRSD Consultant

Attachment: Response to NOV

June 6, 2011 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject: Award of Bid: Annual Weed Abatement at Various Facilities

Las Virgenes - Truinfo Joint Powers Authority approved funding for this matter in the Joint Powers Authority Budget. The Las Virgenes Board, as the administering agent, approved this at the May 24, 2011 meeting.

SUMMARY:

Annually, the District must comply with the County of Los Angeles Weed Abatement Division's notice to destroy weeds and to remove brush, rubbish and refuse prior to fire season by June 30th. The work is performed under contract for the District's largest sites, including Tapia Water Reclamation Facility and the Rancho Las Virgenes Composting Facility. On April 12, 2011, the Board authorized a Call for Bids. Bid packages were sent to 6 companies and bids were received as follows:

	<u>Tapia</u>	<u>Rancho</u>
Executive	\$12,400.00	\$7,600.00
Landscape Development	\$37,689.24	\$48,389.65
Mariposa	\$19,250.00	\$19,800.00
Safe & Beautiful	\$ 6,397.77	\$ 5,777.00
Underwood	\$ 7,178.00	\$ 6,350.00
Venco Western	\$ 6,498.00	\$ 5,198.00

Lowest bids are shown in bold type.

FINANCIAL IMPACT:

The Fiscal Year 2010-11 budget provides funding in the operating budgets for weed abatement at all facilities.

Prepared By: Larry J. Miller, Water System and Facilities Manager

June 6, 2011 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject: Biosolids Alternative - Net Present Worth Analysis

SUMMARY:

The attached net present worth analysis compares the cost of composting dewatered biosolids to hauling the dewatered biosolids to the Toland Land Fill. The major assumptions in the analysis are:

1. The JPA has the permits to haul the biosolids to Toland.
2. Ventura Regional Sanitation District would charge \$53.82/ton with an annual escalate rate of 3.5%.
3. Costs escalate 2% per year for labor, 5% per year for electricity and 1% a year for all other costs except hauling costs.
4. Capital improvements costing \$2,050,000 are required to construct hauling facilities and \$2,550,000 of improvements and replacements are required over the next ten years for composting.

For a planning period of ten years and a discount rate of 4% the net present worth for hauling of dewatered biosolids is \$6.75 million less that the net present worth of continuing to compost the dewatered biosolids.

Prepared By: David Lippman, Director of Facilities & Operations

ATTACHMENTS:

[NPV](#)

Rancho Las Virgenes Composting Facility
Net Present Worth Analysis Comparing
Composting to Hauling
June 6, 2011 JPA Meeting

In January 2002 the JPA completed a Biosolids Handling Master Plan.¹ The master plan included an implementation schedule with recommended improvements related to thickening, dewatering, digestion, amendment preparation, composting and cogeneration. The master plan concluded that the preferred method of managing the dewatered biosolids was improved composting. The executive summary from the master plan and an updated implementation schedule are attached.

The master plan also evaluated various long term options including improvements to the composting process and trucking. The estimated capital cost for the long term trucking option was \$1,800,000 in 2002 and the annual estimated operation and maintenance costs were \$670,000. The master plan included an economic evaluation that compared the present worth of each long term option including continuing to compost and hauling on a 20 year basis. The economic evaluation concluded that the total present worth of continuing to compost and the long term trucking option were similar at \$13.9 million and \$12.4 million respectively.

The master plan concluded that the best alternative was to continue composting while upgrading the process equipment. This conclusion was partially based on the uncertainty of offsite disposal options for the dewatered biosolids. Several factors have changed since the Master Plan was completed in 2002 most notably the start-up of the Toland Landfill facility and the possibility of disposing of dewatered biosolids at that facility, if the facility's Conditional Use Permit can be revised to accept out of county bio-solids. The following present worth analysis uses updated capital, operations and maintenance costs and assumes disposal of biosolids at the Toland facility².

Present Worth Analysis

Assumptions:

Planning period: 10 years³

Interest rate: 4%

Alternative	Capital Cost	O & M Costs (year 1)	Present Worth
Hauling	\$2.05M	\$0.82M	\$9.36M
Composting	\$2.55M	\$1.91M	\$16.11M

Assumptions:

Planning period: 20 years

Interest rate: 4%

Additional capital of \$0.5 million required

Alternative	Capital Cost	O & M Costs (year 1)	Present Worth
Hauling	\$2.55M	\$0.82M	\$19.03M
Composting	\$3.05M	\$1.91M	\$30.85M

¹ LVWMD Report # 2182.00 Biosolids Handling Master Plan, CH2MHILL January 2002

² O&M costs from "Cost Analysis for the Rancho Las Virgenes Composting Facility" July 2010 by LVMWD staff

³ Ten years is the length of most agreements with VRSD to process biosolids at Toland

For a planning period of ten years the net present worth for hauling of dewatered biosolids is \$6.75 million less than the net present worth of continuing to compost the dewatered biosolids and for a planning period of twenty years the net present worth for hauling of dewatered biosolids is about \$11 million less than the net present worth of continuing to compost the dewatered biosolids. The attached chart shows the changes to the NPV depending on the discount rate used.

Both analyses assume labor increases of 2% per year, electrical increases of 5% per year and an annual 1% increase for all other items except hauling costs. Hauling costs are assumed to increase 3.5% per year based on a typical VRSD agreement.

Capital improvement assumptions are:

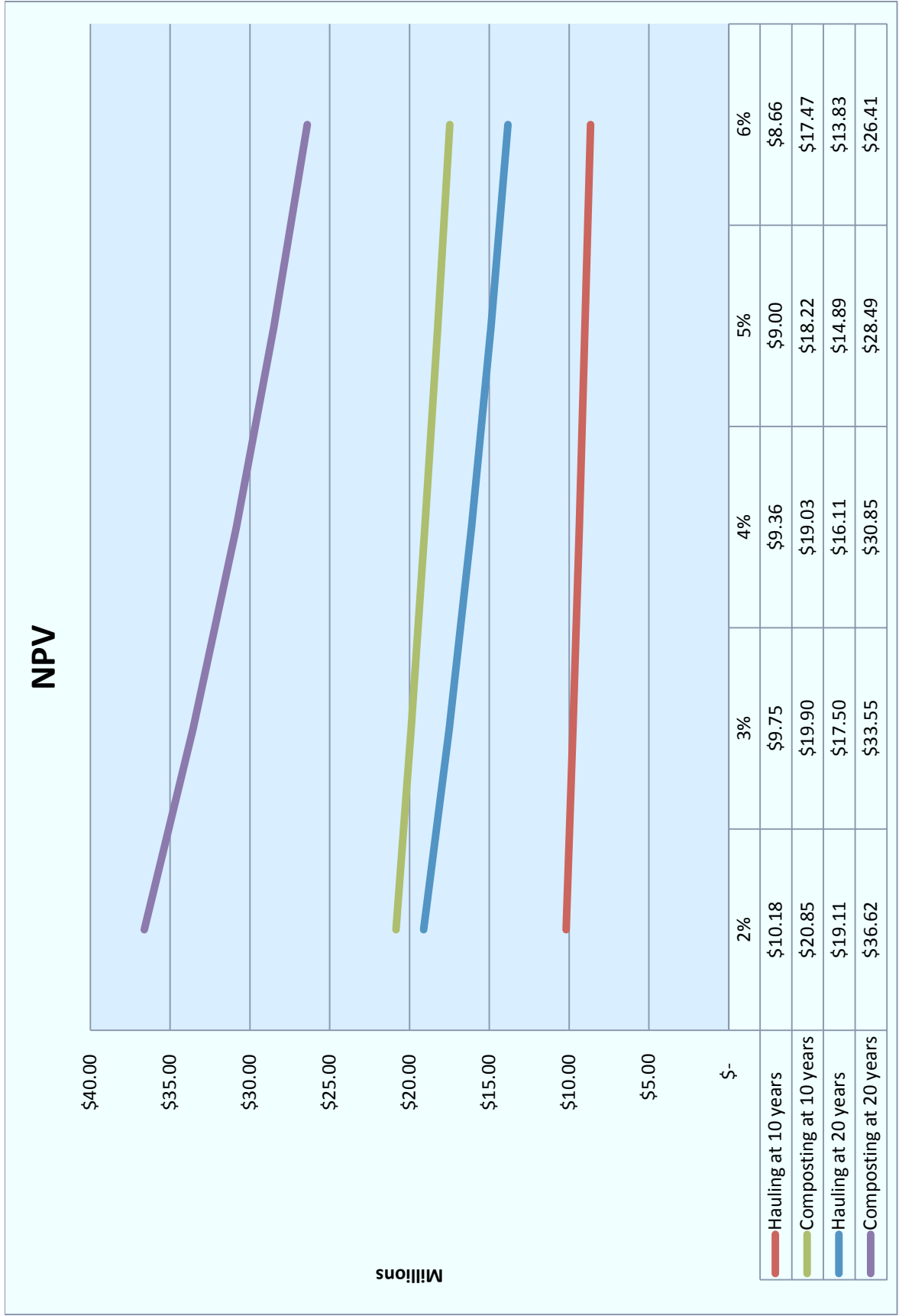
Hauling:

The 2002 Bio-solids Master Plan estimated \$1.8M in improvements for hauling, escalating this value to 2011 dollars using the Building Cost Index results in \$2.05M. An additional \$0.5M is assumed for the twenty year term.

Composting:

Reactor building roof repairs	\$0.30M
Replace agitators	\$0.50M
Rehab reactor building	\$1.00M
Replace loader	\$0.50M
Replace liners and screws for conveyors	\$0.25M
Total	\$2.55M

An additional \$0.5M is assumed for the twenty year term.



Biosolids Handling Master Plan
Executive Summary
January 2002

Biosolids Handling Master Plan

Executive Summary

PREPARED FOR: Las Virgenes Municipal Water District and Triunfo Sanitation District

PREPARED BY: CH2M HILL

DATE: January 2002

Overview

The Biosolids Handling Master Plan recommends addition of waste activated sludge (WAS) thickening facilities at Tapia Water Reclamation Facility (Tapia) and continuation of digestion, dewatering and composting at the Rancho Las Virgenes Composting Facility (Rancho). Continued composting appears to be the most cost-effective and reliable alternative for short-term and long-term management of biosolids.

Septage treatment at Las Virgenes Municipal Water District (LVMWD) is not cost competitive with other available septage treatment options and is not recommended at this time. Additionally, septage treatment would result in derating of Tapia by one to two million gallons per day (mgd), increased solids loading at Rancho by 25 percent, and increased odor risk and potential operational upsets.

For cogeneration optimization, digester gas storage is recommended to maximize the beneficial use of gas and power production of the fuel cells. Installing floating gas-holder covers on the proposed new digesters will provide the necessary storage at low pressures and does not require additional facilities. Ultrasound technology can increase digester gas production and should be considered for installation at WAS thickening facilities at Tapia. The installation time should coincide with construction of new anaerobic digesters.

The preliminary cost opinion for the recommended improvements to the biosolids handling facilities are categorized as short-term, interim, and ultimate phases. The short-term improvements are focused on improving compost product quality and operational safety and adding WAS thickening facilities at Tapia in the next three years. Estimated costs for the short term are \$3.3 million, of which \$2.5 million is for thickening. The interim and ultimate phases focus on the increased capacity of solids handling. Estimated costs to increase capacity are \$10.7 million, of which \$8.0 million is for two new anaerobic digesters.

Introduction

LVMWD and its joint venture partner, Triunfo Sanitation District (TSD), operate Tapia, Rancho, and the Rancho Las Virgenes Farm (Farm). LVMWD is planning to expand the existing biosolids handling facilities at Rancho from 8 mgd to 16.1 mgd capacity, with interim capacity of 12 mgd. CH2M HILL was commissioned to prepare a Biosolids Handling Master Plan, focusing on the following objectives:

- Evaluate thickening options
- Optimize digestion, dewatering, composting, and cogeneration facilities
- Evaluate trucking and offsite processing
- Develop a long-term plan for biosolids handling and reuse
- Evaluate septage receiving and treatment

Biosolids Processing and Reuse Rules and Regulations

The 40 Code of Federal Regulations (CFR), Part 503 establishes pathogen and vector attraction requirements, pollutant limits, and management and operational standards for use or disposal of biosolids. Pathogen requirements are classified as "Class A" and "Class B" with Class A being more stringent. Class B biosolids are limited to bulk application to agricultural land, forest or reclamation sites, with additional restrictions for public access while Class A biosolids have minimal regulatory requirements (but are subject to evolving political restrictions). The dewatered biosolids at Rancho meet Class B, while the compost meets Class A pathogen and vector attraction requirements. Public concerns at the local level regarding the potential health risks have resulted in the development or enactment of ordinances that ban land application of Class B biosolids. On January 1, 2001, an ordinance went into effect in Kern County that bans land application of all residuals except Class A biosolids after January 2003. This ordinance set a precedent and resulted in Riverside and Kings Counties adopting ordinances that are effective as of November 25, 2001, and December 31, 2002, respectively. These ordinances also will ban land application of Class B biosolids.

The South Coast Air Quality Management District (SCAQMD) has also proposed Rule 1133 to limit ammonia and volatile organic compounds (VOC) emissions from composting facilities. While they are currently undergoing revision as a result of public comment, the initial draft rule included requirements to enclose the active portion of all new or modified composting facilities with ventilation to an emission control device (i.e., biofilter) of facilities that process more than 38 wet tons per day of biosolids. Proposed durations for composting are 21 days of active composting and 28 days for curing. Presently, the Rancho facility meets all of these proposed requirements, except Curing Building ventilation to the biofilter.

Other Southern California Municipalities Biosolids Reuse and Disposal Operations

The local ordinances banning land application of Class B biosolids and the political and public acceptance issues are significantly impacting the biosolids management practices and costs for municipalities that export their biosolids. For many Southern California municipalities, the unit costs have been going up substantially due to added cost of transportation, road use fees, tipping fees, and/or processing requirements. Diminishing number of potential remote locations in Southern California for reuse or disposal are causing some municipalities to search for potential sites in neighboring states. Discussions with various Southern California municipalities indicate that the cost of biosolids reuse and disposal has risen by more than 10-percent this year alone to a range of \$35 to \$45 per wet ton. Many of these municipalities are in the process of reviewing their plans for long-term biosolids management, in response to these escalating costs. The risk of losing dedicated reuse or disposal sites and the associated costs are prompting municipalities to re-examine the viability of implementing their own processing techniques such as enhanced digestion, composting, heat drying, etc. to meet Class A requirements and to locally reuse their biosolids.

Existing Capacity of Digester and Dewatering Processes

The existing digesters at Rancho have capacity at current conditions for 100,600 gallons of feed per day on the average, using a solids concentration of 3.1 percent and both digesters on line. Assuming similar conditions, when wastewater flows at Tapia reach 12 mgd the

digesters will be near capacity. However, if one digester is out of service for maintenance, the capacity of the remaining digester will be inadequate at 12 mgd. Feed concentrations are extremely important in the capacity calculations. If the water content of solids is reduced, the available detention time is proportionally increased. At 6 percent solids, the existing digestion system has sufficient capability without expansion when wastewater flows at Tapia reach 16.1 mgd, assuming no redundancy in this process. Redundancy is required to allow one digester to be taken out of service for maintenance and cleaning. Assuming thickening is implemented, additional digester capacity is required to allow for expansion to 16.1 mgd and provide for redundancy. The cost for two digesters, as originally proposed, is approximately \$8.0 million.

Determining the capacity of the dewatering equipment is dependent upon several factors such as the operating time spent on dewatering solids, upstream storage of liquid sludge and downstream storage of dewatered cake. Presently, only one centrifuge is used and it is operated 6 to 8 hours per day, 5 days per week. As Tapia grows to 16.1 mgd from the current 9.7 mgd, at the present digester feed solids concentrations, another centrifuge will be required to maintain a similar operating schedule. However, if the digester feed solids concentration is increased to about 6 percent, then one centrifuge can dewater the digested biosolids in a 6- to 8-hour period per day.

Waste Activated Sludge Thickening

Consideration of WAS treatment is particularly important in that it initially has a much higher water content than primary sludge. The goal of WAS treatment is to optimize digestion and dewatering capacity by reducing this water content using either thickening at Tapia or Rancho, or dewatering and disposing of WAS prior to pumping to Rancho. Dewatering and disposing of WAS, using a high solids filter press, such as Dry-Vac or J-Vap, before pumping to Rancho provides additional capacity in the anaerobic digesters; however, additional truck loading and solids storage facilities at Tapia would be required.

The location of WAS treatment depends on several factors including: technology to be used, available space, support equipment and facilities required, power demands, and sludge pump and pipeline limitations. The recommended alternative is adding two gravity belt thickeners at Tapia to thicken the WAS before combining with primary sludge and pumping to Rancho. The benefits of thickening at Tapia include increased operational flexibility, less pumping from Tapia to Rancho, reduced volume of solids to handle in the downstream processes, and decreased centrate flows from Rancho to Tapia. The cost comparison of the three alternatives is outlined in Table ES-1.

TABLE ES-1
Solids Thickening Costs^a

Option	Construction Cost, \$ Millions	O & M Cost, \$ Millions/year	Total Present Worth, \$ Millions
Thickening at Rancho	2.4	0.23	5.9
Thickening at Tapia	2.5	0.23	6.1
High Solids Filter Press at Tapia	8.7	0.21	12.5

^a Budgetary cost estimate, +50 to -30 percent accuracy

Composting Operation

The processing of the biosolids should be viewed as a manufacturing process, which will strive to produce beneficial products that have sufficient quality and consistency to satisfy the end user. LVMWD presently uses a series of bucket and screw conveyors and an International Process Systems (IPS) (agitated bin) composting system to produce approximately 15,000 cubic yards of compost per year. Public health protection and market acceptance are complimentary goals and should be achieved for successful marketing of the product. From a public health standpoint, the product meets the Class A low pathogen levels and the vector attraction reduction requirements specified under Environmental Protection Agency (EPA) Part 503 Regulations. From a market acceptance standpoint, product improvements through moisture control and screening of the product would be required to improve marketing of the product, reduce the ammonium and potential phytotoxicity (due to high ammonium), improve compost quality, and make it more suitable for a diverse and reliable long-term market. In particular, the conveyance (bucket and screw conveyors) and IPS systems typically have suffered from the tendency to overdry the final compost. This, in turn, can prematurely arrest the active composting phase before the product is fully stable.

From an equipment standpoint, the amendment or feedstock preparation building has a number of operational issues that should be addressed to improve safety, efficiency, and reliability of the existing facilities. Replacement of the existing bucket elevators and knife gates are required to reduce plugging and hazards associated with efforts to resolve this on a daily basis. The reactor unloading screw conveyors need to be modified to eliminate plugging and bridging, thus improving operational efficiencies. Also, installation of a parallel amendment system for high moisture and oversized amendment with improvements to the sludge metering cake hopper and upgrade of IPS agitators should be implemented to reduce amendment cost and increase throughput of the IPS system.

Short-Term Biosolids Management Options

As an alternative to improving or modifying the composting system, the biosolids can be transported to an offsite location for beneficial reuse or disposal. For these alternatives, a truck loading facility is required. Options for a truck loading facility, including a drive-through truck access adjacent to the compost reactor building or loading inside the building, conveyor modifications, onsite storage requirements, odor control, and long-term impacts on the IPS system were considered. Table ES-2 presents the cost comparison of the alternatives. The cost for onsite composting is similar to the truck loading and offsite processing. For offsite processing, as discussed before, the recent local ordinances and proposed SCAQMD rules are resulting in loss of biosolids reuse and disposal sites and increase in cost associated with transportation and processing.

TABLE ES-2
Short-term Onsite Composting vs. Trucking and Offsite Processing^a

Alternative	Construction Cost, \$ Millions	O & M Cost ^b , \$ Millions/year	Total Present Worth ^c , \$ Millions
Continue onsite composting	0.8	0.61	3.5
Truck loading With onsite storage	1.8	0.53	4.1
Truck loading without onsite storage	1.2	0.57	3.8

^a Budgetary cost estimate, +50 to -30 percent accuracy.

^b Based on OMI's review of Rancho operation, the overall cost to continue current composting operation by LVMWD was \$1.42 million compared to \$1.38 million for trucking alternative without onsite storage. When the operations and maintenance (O&M) costs of digestion and dewatering (estimated at \$0.81 million) are subtracted from both costs, the result is \$0.61 million for composting and \$0.57 million for trucking.

^c Present worth for the short-term options was calculated assuming a 5-year planning period.

Long-Term Biosolids Management Options

LVMWD has several basic alternatives available for continued biosolids disposal including: improving existing onsite composting and pursuing privatized or wholesale marketing of the compost product, abandoning or mothballing the onsite composting facility and trucking the dewatered biosolids for offsite processing or disposal, or replacing the current operation with an alternative technology to produce Class A biosolids for reuse. The long-term biosolids management options and alternatives evaluated include:

- Improved composting process - baseline option
- Long-term trucking for offsite composting
- Steam hydrolysis (Cambi), followed by digestion
- High solids filter press dewatering (Dry Vac and J-Vap) after digestion, before hauling offsite, would not require composting
- Thermal drying after digestion, before hauling offsite, would not require composting.
- Steam addition to centrifuges (Centridry) for reducing the biosolids trucking cost to a remote composting location.

The cost comparison of these technologies is outlined in Table ES-3.

The cost for onsite composting improvements and long-term trucking are similar. For long-term trucking; however, the offsite processing costs have risen by more than 10 percent per year in recent years. If this trend continues, the present worth of long-term trucking could substantially increase. Overall, LVMWD's strongest position appears to be to continue onsite composting and diversify their client base for the sales of compost. Private-public partnership provides a good opportunity for the next few years to market the compost while the LVMWD is working to improve the Rancho compost facility and compost quality. In the meantime, LVMWD should market some portion of their compost directly with local municipalities, nurseries, and agricultural users, while continuing the Saturday morning, customer pick-up program.

TABLE ES-3
Long-term Biosolids Management Options^a

Alternative	Construction Cost, \$ Millions	O & M Cost ^b , \$ Millions/year	Total Present Worth, \$ Millions
Composting Improvements	2.7 ^c	0.71 ^{d, e}	13.9
Long-term Trucking	1.8	0.67 ^e	12.4
Steam Hydrolysis (Cambi)	12.1	0.69	22.9
High Solids Filter Press (J-Vap or Dry-Vac)	18.8	0.97	34.2
Thermal Drying	23.8	0.75	31.8
Steam Addition to Centrifuges (CentriDry)	14.8	0.51	26.6

- ^a Budgetary cost estimate, +50 to -30 percent accuracy.
- ^b O&M costs were developed as an average between current O&M costs and projected O&M costs at 16.1 mgd.
- ^c Construction costs for composting include the \$0.8 million as described for the short-term improvements. However, the construction costs do not include costs associated with proposed AQMD rule changes.
- ^d Composting O&M costs do not include revenue from sale of compost product.
- ^e The results of the OMI cost review were used for the current O&M costs and averaged with projected costs at 16.1 mgd to develop the overall O&M cost.

Septage Receiving and Treatment

The feasibility of accepting septage at the LVMWD treatment facilities was assessed to determine its impact on facilities capacities and operations and maintenance (O&M) costs. The septage characteristics and anticipated flow rates, based on conversations from local septage haulers and design experience with similar sized facilities, were used to develop a conceptual design and budgetary capital and O&M cost for the facilities.

The impact to nutrient levels at Tapia is a derating of the facility by 1 to 2 mgd. The impact of septage receiving at Rancho is estimated to be an increase of 25 percent in solids loading on the processes. The estimated fee that would be charged to the septage hauler is \$0.11 per gallon of septage, to cover the costs of septage receiving and treatment, not including any markups for LVMWD. As compared to the range of charges by other Southern California agencies of \$0.02 to \$0.05 per gallon, the LVMWD fee would be two to five times higher.

Other impacts of receiving and treating septage at LVMWD facilities include loss of capacity at Tapia and Rancho, risk of increased odor complaints, increased traffic on Las Virgenes Road, and potential operational upsets at Tapia. For these reasons, the septage receiving and treatment at LVMWD facilities is not a viable option.

Cogeneration and Gas Storage

Optimization of the existing cogeneration facility, which consists of two fuel cells, can be achieved by adding gas storage, maximizing digester gas production, and improving the heat recovery system.

Three different gas storage options were evaluated including high-pressure Hortonspheres, tanks with floating gas-holder covers, and tanks with fixed covers. Tanks with floating gas-holder covers is the recommended gas storage option because the tanks do not require gas compression for storage, and they are easy to operate. Also, the proposed digesters to be

constructed at Rancho could be designed to include floating gas-holder covers, avoiding the necessity for construction of separate gas storage tanks. The estimated construction cost for installation of floating covers on the digesters increases the cost of each digester by approximately \$350,000.

Three technologies were evaluated for digester gas production maximization including recuperative thickening, Cambi process, and ultrasound technology. Use of ultrasound technology for digester gas production maximization is the recommended technology. The first full-scale installation of this system in United States is planned in Orange County Sanitation District (OCSD) facilities. The performance of this system should be monitored to validate the efficiency of the system and its feasibility for application at LVMWD facilities. The installation of the ultrasound equipment should coincide with the construction of new digester and gas storage facilities at Rancho. The preliminary cost of installation of ultrasound equipment is approximately \$480,000.

At the time of the Master Plan, the heat recovery system was being upgraded. Additional improvements include replacing the boiler burner, and resizing the digester gas injectors to allow operation on a lower digester gas flow rate.

Implementation Plan

Recommendations can be categorized in the following main general categories: Thickening, Dewatering, Digestion, Amendment Preparation, Composting, and Cogeneration. A summary of the recommendations, their associated cost estimate, benefit, implementation trigger, and schedule is provided in Table ES-4. Implementation priorities are categorized according to short-term, 12-mgd (interim) phase, and 16.1-mgd (ultimate) phase. The time frames for implementation of each improvement or upgrade are:

Short Term – These improvements should be implemented immediately to improve the quality of the compost, while reducing operating costs and the risk of injury. Implementation period for the short-term recommendations is 0 to 3 years (2002 to 2005).

12.0 mgd (interim) – These improvements should be implemented in the interim to increase capacity and operation flexibility. The time frame for these recommendations is 5 to 7 years (2007 to 2009).

16.1 mgd (ultimate) – These improvements should be implemented in the long term to meet overall capacity goals for the facility. These improvements should be implemented when funding becomes available or in 12 to 15 years (2014 to 2017).

TABLE ES-4
Biosolids Handling Master Plan – Summary of Improvements and Upgrades

No.	Category	Improvement or Upgrade ^a	Benefit	Implementation Trigger	Preliminary Budgetary Estimate	
					Short Term (0-3 yrs)	12.0 mgd ^b (5-7 yrs)
1	Thickening	Add 2 Gravity Belt Thickeners at Tapia	Reduces the volume of Solids pumped between Tapia and Rancho Reduces centrate volume to equalize and pump back to Tapia Improves digestion and dewatering facilities performance and capacity Reduces digestion and dewatering facilities O&M	Recommended to replace the existing decanting at Tapia. Needed to allow digester cleaning and maintenance in the short term	\$2.5 M	
2	Digestion	Add 2 anaerobic digesters at Rancho	Provides redundancy, to allow digester cleaning and maintenance Provide gas equalization for fuel cells	Capacity driven Additional digestion will provide operational flexibility in the interim, and is needed in the long term	\$8.0 M	
3	Amendment Preparation	Replace bucket elevator conveyors and feed chutes in Amendment Building	Reduce downtime from bucket elevator and feed chutes plugging Improve worker safety in area by reducing plugging in conveyor Allow some variability in moisture content.	Needed immediately to improve material handling and worker safety May require bypass to allow material to be processed during downtime	\$120,000	
4	Dewatering	Replace sludge cake metering hopper in Dewatering Building	Allows centrifuges to run at design production rate Reduces dewatering O&M and bottlenecks	Required to allow dewatering system to operate at capacity and more efficiently	\$180,000	
5	Amendment Preparation	Optimize amendment receiving station vibrators	Further reduce bridging and plugging at the amendment receiving station by optimizing existing electric vibrators	Seek vendor advice regarding the vibrator operation and any modification required.	Note (c)	

TABLE ES-4
Biosolids Handling Master Plan – Summary of Improvements and Upgrades

No.	Category	Improvement or Upgrade ^a	Benefit	Implementation Trigger	Preliminary Budgetary Estimate	
					Short Term (0-3 yrs)	12.0 mgd ^b (5-7 yrs)
6	Composting	Replace overhead conveyor knife gates with curved gates in Reactor Building	Eliminate manual labor and potential injury associated with unplugging the overhead knife gates	Required for worker safety and improved material handling.	\$100,000	
7	Composting	Replace transfer conveyors from Reactor Building to Curing Building	Allows higher moisture content in product without plugging conveyors Improve quality of compost, since it eliminates need for slow agitator cycle (which dehydrates the product) Increases capacity of system, by allowing both agitators to operate simultaneously, saving labor and time.	Requires some bypassing of material during construction	\$420,000	
8	Composting	Upgrade of US Filter agitator machine in Reactor Building	Reduce maintenance needs on equipment Allow higher moisture content in system Improve quality of compost Increases biosolids throughput capacity	Required to decrease residence time and increase overall capacity Required as maintenance costs increase		\$510,000 ^d
9	Composting	Alternative Amendment Supply System	Reduces amendment costs by allowing alternate amendments to be used Provides redundancy to existing screw conveyor system	Needed if amendment costs become excessive or increase dramatically Required if existing amendment supply becomes unreliable Recommended as existing screw conveyors O&M costs increase or conveyors fail		\$1.37 M

TABLE ES-4
Biosolids Handling Master Plan – Summary of Improvements and Upgrades

No.	Category	Improvement or Upgrade ^a	Benefit	Implementation Trigger	Preliminary Budgetary Estimate		
					Short Term (0-3 yrs)	12.0 mgd ^b (5-7 yrs)	16.1 mgd ^b (12-15 yrs)
10	Curing ^e	Screen final product in Curing Building	Improve quality of product, increase marketability	Recommended pilot screening to determine cost : benefit.	Note (f)		
11	Cogeneration	Install ultrasound equipment	Increases digester gas production and increased cogeneration ability.	Coincide with digester construction.	\$480,000		
12	Cogeneration	Install floating covers on one new digester	Provides dependable gas pressure without fluctuations Optimizes fuel cell operation	Install floating gas-holder covers on one new digester	\$350,000		
13	Cogeneration	Improvements to heat recovery system	Maximize waste heat recovery from fuel cells Allow operation of the digester gas injectors at lower gas flow rate	On-going efforts to improve cogeneration system.	Note (g)		
Subtotal					\$3.3 M	\$10.7 M	Note (h)

^a Costs shown do not include regular maintenance items required for existing digestion, dewatering, composting, cogeneration, and odor control facilities. These costs are part of LVMWD's annual O&M budget.

^b Values represent solids produced at Tapia at noted flowrates and current BOD and TSS strengths. Analysis does not include septage treatment. It is assumed that negligible amount of sludge is disposed on the Farm.

^c Optimization of amendment receiving station vibrators assumes LVMWD to contact vibrator manufacturer regarding the potential modifications to existing vibrators.

^d Costs assume one agitator to be replaced and one existing agitator to be kept as backup. Costs include equipment, installation, and coordination.

^e Additional modifications to the curing process and/or odor control in the Curing Building may be required as part of Rule 1133.

^f Costs assume LVMWD to rent a temporary screen to determine value of increased product quality and amendment recycling versus cost of screen.

^g Optimization of cogeneration system assumes LVMWD continues work with fuel cell contractor to correct defects in system.

^h No new expansion costs are expected to treat 16.1 mgd; however, replacement of mechanical equipment is likely.

Updated 2002 Implementation Plan from Biosolids Handling Master Plan

TABLE ES-4
Biosolids Handling Master Plan – Summary of Improvements and Upgrades

				Preliminary Budgetary Estimate			
No.	Category	Improvement or Upgrade ^a	Benefit	Implementation Trigger	Short Term (0-3 yrs)	12.0 mgd ^b (5-7 yrs)	16.1 mgd ^b (12-15 yrs)
1	Thickening	Add 2 Gravity Belt Thickeners at Tapia	Reduces the volume of Solids pumped between Tapia and Rancho Reduces centrate volume to equalize and pump back to Tapia Improves digestion and dewatering facilities performance and capacity Reduces digestion and dewatering facilities O&M	Recommended to replace the existing decanting at Tapia. Needed to allow digester cleaning and maintenance in the short term	\$2.5 M		
				Project eliminated due to concerns about pumping thicker sludge from Tapia, thickening could be located at Rancho			
2	Digestion	Add 2 anaerobic digesters at Rancho	Provides redundancy, to allow digester cleaning and maintenance Provide gas equalization for fuel cells	Capacity driven Additional digestion will provide operational flexibility in the interim, and is needed in the long term		\$8.0 M	
				Scheduled to start the design process to add one digester in FY 11-12			
3	Amendment Preparation	Replace bucket elevator conveyors and feed chutes in Amendment Building	Reduce downtime from bucket elevator and feed chutes plugging Improve worker safety in area by reducing plugging in conveyor Allow some variability in moisture content.	Needed immediately to improve material handling and worker safety May require bypass to allow material to be processed during downtime	\$120,000		
				Completed in 2003			
4	Dewatering	Replace sludge cake metering hopper in Dewatering Building	Allows centrifuges to run at design production rate Reduces dewatering O&M and bottlenecks	Required to allow dewatering system to operate at capacity and more efficiently	\$180,000		
				Completed in 2003			
5	Amendment Preparation	Optimize amendment receiving station vibrators	Further reduce bridging and plugging at the amendment receiving station by optimizing existing electric vibrators	Seek vendor advice regarding the vibrator operation and any modification required.	Note (c)		
				Completed by replacement of agitators			

TABLE ES-4
Biosolids Handling Master Plan – Summary of Improvements and Upgrades

		Preliminary Budgetary Estimate					
No.	Category	Improvement or Upgrade ^a	Benefit	Implementation Trigger	Short Term (0-3 yrs)	12.0 mgd ^b (5-7 yrs)	16.1 mgd ^b (12-15 yrs)
6	Composting	Replace overhead conveyor knife gates with curved gates in Reactor Building	Eliminate manual labor and potential injury associated with unplugging the overhead knife gates	Required for worker safety and improved material handling.	\$100,000	Completed in 2003	
7	Composting	Replace transfer conveyors from Reactor Building to Curing Building	Allows higher moisture content in product without plugging conveyors Improve quality of compost, since it eliminates need for slow agitator cycle (which dehydrates the product) Increases capacity of system, by allowing both agitators to operate simultaneously, saving labor and time.	Requires some bypassing of material during construction	\$420,000	Still under consideration	
8	Composting	Upgrade of US Filter agitator machine in Reactor Building	Reduce maintenance needs on equipment Allow higher moisture content in system Improve quality of compost Increases biosolids throughput capacity	Required to decrease residence time and increase overall capacity Required as maintenance costs increase	\$510,000 ^d	First agitator replaced in 2002, second agitator replaced in 2003	
9	Composting	Alternative Amendment Supply System	Reduces amendment costs by allowing alternate amendments to be used Provides redundancy to existing screw conveyor system	Needed if amendment costs become excessive or increase dramatically Required if existing amendment supply becomes unreliable Recommended as existing screw conveyors O&M costs increase or conveyors fail	\$1.37 M	No suitable alternative amendment has been identified to date	

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TABLE ES-4
Biosolids Handling Master Plan – Summary of Improvements and Upgrades

No.	Category	Improvement or Upgrade ^a	Benefit	Implementation Trigger	Preliminary Budgetary Estimate		
					Short Term (0-3 yrs)	12.0 mgd ^b (5-7 yrs)	16.1 mgd ^b (12-15 yrs)
10	Curing ^c	Screen final product in Curing Building	Improve quality of product, increase marketability	Recommended pilot screening to determine cost ; benefit.	Still under consideration		
11	Cogeneration	Install ultrasound equipment	Increases digester gas production and increased cogeneration ability.	Coincide with digester construction.	\$480,000 To be considered in digester design		
12	Cogeneration	Install floating covers on one new digester	Provides dependable gas pressure without fluctuations Optimizes fuel cell operation	Install floating gas-holder covers on one new digester	\$350,000 To be considered in digester design		
13	Cogeneration	Improvements to heat recovery system	Maximize waste heat recovery from fuel cells Allow operation of the digester gas injectors at lower gas flow rate	On-going efforts to improve cogeneration system.	Note (g) Cogeneration system started up in 2011 included waste heat recovery		
Subtotal					\$3.3 M	\$10.7 M	Note (h)

a. Costs shown do not include regular maintenance items required for existing digestion, dewatering, composting, cogeneration, and odor control facilities. These costs are part of LVMWD's annual O&M budget.

b. Values represent solids produced at Tapia at noted flowrates and current BOD and TSS strengths. Analysis does not include septage treatment. It is assumed that negligible amount of sludge is disposed on the Farm.

c. Optimization of amendment receiving station vibrators assumes LVMWD to contact vibrator manufacturer regarding the potential modifications to existing vibrators.

d. Costs assume one agitator to be replaced and one existing agitator to be kept as backup. Costs include equipment, installation, and coordination.

e. Additional modifications to the curing process and/or odor control in the Curing Building may be required as part of Rule 1133.

f. Costs assume LVMWD to rent a temporary screen to determine value of increased product quality and amendment recycling versus cost of screen.

g. Optimization of cogeneration system assumes LVMWD continues work with fuel cell contractor to correct defects in system.

h. No new expansion costs are expected to treat 16.1 mgd; however, replacement of mechanical equipment is likely.

June 6, 2011 JPA Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject: Consultant's Report - 3rd Quarter FY2010-11

SUMMARY:

TAFT ELECTRIC

Centrate Generator Modification, Change Order 1, \$4,477, 2/2/2011

Prepared By: Marsha Eubanks, Administrative Services Officer

June 6, 2011 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject: Tapia Water Reclamation Facility Gates and Drive Replacement - Approve Plans and Specifications and Call for Bids

Las Virgenes-Triunfo Joint Powers Authority approved funding for this matter in the Joint Powers Authority Budget. The Las Virgenes Board, as the administering agent, approved the call for bids at the April 26, 2011 meeting.

SUMMARY:

As part of the ongoing maintenance effort at the Tapia Water Reclamation Facility (TWRF), each of the process trains are regularly monitored for functionality and general wear of mechanical equipment. In July 2010, several pieces of equipment were examined by District staff and found to be non-functional or near the end of their useful life. This equipment includes 11 sluice gates at primary clarifiers 1-4, and 1 sluice gate at secondary clarifier 10, 4 slide gates at BNR basins 2 and 3, the sludge collection system in secondary clarifier 1, 2, 7 and 8. Serious rusting has occurred on the metal components of the sludge collection system, and on the sluice and slide gates. Several of the gates are non-operational.

The proposed project would replace the damaged gates with new stainless steel sluice gates, and aluminum slide gates. The metal components of the existing sludge collection system in the secondary tank would be replaced by new fiberglass components. These repairs were previously planned following the Biological Nutrient Reduction Phase II project in October 2009. The project was phased in this manner to keep TWRF operating while other phased improvements were completed.

The proposed bid schedule is as follows:

Board Approval of Plans and Specs and Call for Bids	April 26, 2011
First Advertisement	May 2, 2011
Second Advertisement	May 9, 2011
Pre-bid Meeting and Field Tour (10:00 a.m.)	May 17, 2011
Bid Opening (3:00 p.m.)	June 7, 2011
Award Contract (Board Meeting)	June 28, 2011

FINANCIAL IMPACT:

The Fiscal Year 10-11 Budget provides funding for Tapia Gates & Drive Replacement under CIP Job No. 10451 in the amount of \$160,000.

Prepared By: James Spicer II