

**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

May 6, 2013

PLEDGE OF ALLEGIANCE

1. CALL TO ORDER AND ROLL CALL

- A** The meeting was called to order at _____ p.m. by _____ in the Oak Park Library 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, Chair	_____	_____	_____
Janna Orkney	_____	_____	_____
Michael Paule	_____	_____	_____
James Wall	_____	_____	_____
<u>Las Virgenes Municipal Water District</u>			
Charles Caspary, Vice Chair	_____	_____	_____
Glen Peterson	_____	_____	_____
Leonard Polan	_____	_____	_____
Lee Renger	_____	_____	_____
Barry Steinhardt	_____	_____	_____

2. APPROVAL OF AGENDA

- A** Moved by _____, seconded by _____, and _____, that the agenda for the Regular Meeting of May 6, 2013, 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** Preliminary JPA Budget for Fiscal Year 2013-14

5. CONSENT CALENDAR

- A Minutes: Regular Meeting of April 1, 2013 and Special Meeting of April 13, 2013.**
Approve

6. ACTION ITEMS

- A Joint Powers Authority Quarterly Financial Report at March 31, 2013**

Receive and file.

- B Proposed Legislative Policy Principles**

Approve the draft Legislative Policy Principles.

7. BOARD COMMENTS

8. FUTURE AGENDA ITEMS

9. INFORMATION ITEMS

- A Responses to Questions Related to the EPA Benthic Macroinvertebrate TMDL**

- B Tapia Water Reclamation Facility: Lease of Recreation Land**

- C Tapia Water Reclamation Facility Alternative Disinfection Project: Review, Ratification and Approval of Change Orders**

10. CLOSED SESSION

- A Conference with District Counsel - Existing Litigation:**

1. Heal the Bay, Inc. v. Lisa P. Jackson

- B Conference with District Counsel - Potential Litigation (Government Code Section 54956.9): One Case**

1. In the opinion of District Counsel, disclosure of the identity of the litigant would be prejudicial to the agency.

11. ADJOURNMENT

May 6, 2013 JPA Board Meeting

TO: JPA Board of Directors

FROM: Finance & Administration

Subject: Preliminary JPA Budget for Fiscal Year 2013-14

SUMMARY:

On March 4, 2013, staff presented an early overview of the draft budget to the JPA Board. Since that time, a number of changes were made to the budget in response to comments received at a joint meeting of LVMWD and TSD staff held on April 3, 2013.

The preliminary budget for operating expenses is \$15.0 million, which is \$0.5 million less than the prior year budget. The capital project budget, including carryovers, is \$9.8 million, including \$6.1 million for construction of the third digester at the Rancho Composting Facility.

The following preliminary budget documents are included:

1. Operating Budget by line item at the enterprise level
2. Projection of Allocated JPA Expenses to Participants for FY 2013-14
3. Estimated Allocated JPA Expenses to Participants for FY 2012-13
4. Capital Improvement Projects
5. Analysis of the Wholesale Rate

At the meeting, staff will provide a presentation to review the major factors affecting the preliminary budget and answer questions from the JPA Board. Among the important factors affecting the preliminary budget is the wholesale rate for recycled water purchased from the JPA.

Wholesale Recycled Water Rate:

The preliminary budget includes establishing the FY 2013-14 wholesale recycled water rate in accordance with criteria previously approved by the JPA Board, which would result in a reduction from \$454.78 to \$398.71 per acre foot. The reduction is driven in part by cost-saving associated with the planned operation of the solar generation project in the final quarter of the fiscal year.

LVMWD and TSD staff discussed potential concerns with a reduction in the wholesale recycled water rate given the existing contractual relationship between TSD and Calleguas Municipal Water District (Calleguas) for the purchase and sale of recycled water. Currently, Calleguas purchases recycled water from TSD at a rate of 5 percent above the established wholesale rate, conveys the recycled water through its system, and sells it back to TSD at 80% of its Tier 1 potable water rate. As such, Calleguas receives the benefit of the reduction in wholesale recycled water rate.

On April 15, 2013, LVMWD and TSD staff met with Susan Mulligan, General Manager of Calleguas, to discuss the issue and potential options to address the concern. Staff will update the JPA Board on the outcome of that meeting and review its analysis of the options as summarized in the attached Exhibits 1 and 2.

Prepared By: Sandra Hicks, Director of Finance & Administration and Joseph Lillio, Finance Manager

ATTACHMENTS:

[Proposed FY 2013-14 JPA Budget](#)

[Wholesale Rate Exhibits](#)



Las Virgenes – Triunfo Joint Powers Authority

Preliminary Budget
FY 2013-14

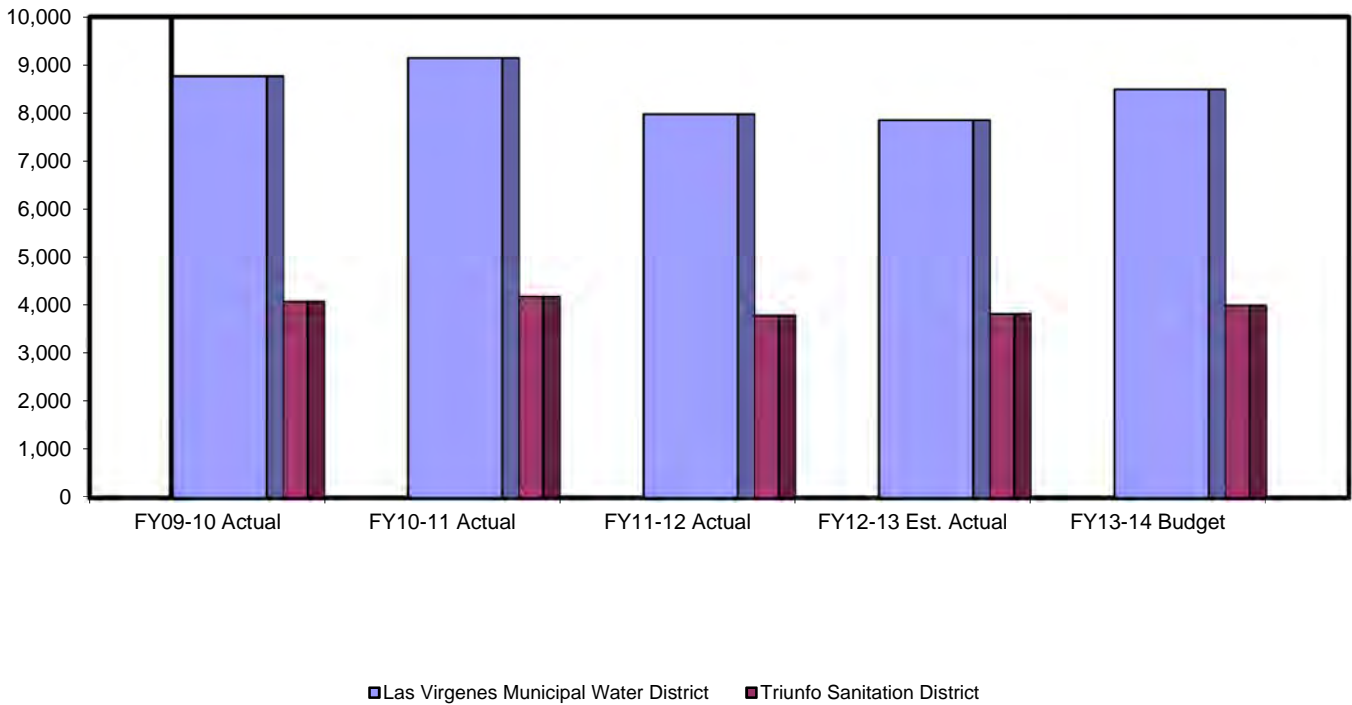
April 17, 2013



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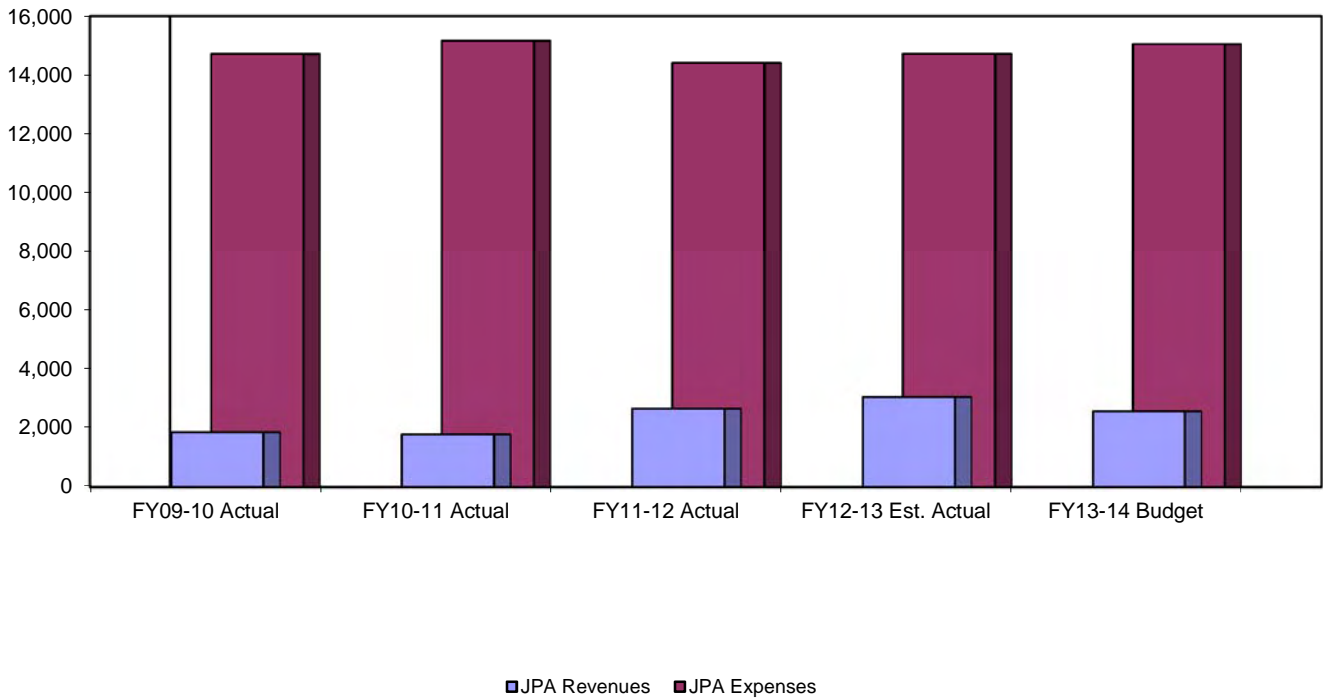
**Las Virgenes - Triunfo
Joint Powers Authority
Allocated Net Expense Summary
(Dollars in Thousands)**

	FY09-10 Actual	FY10-11 Actual	FY11-12 Actual	FY12-13 Est. Actual	FY13-14 Budget
JPA Revenues	1,865	1,789	2,669	3,064	2,574
JPA Expenses	14,726	15,174	14,423	14,732	15,055
Net Operating Expense	12,861	13,385	11,754	11,668	12,481
Non-Operating Revenue	43	84	14	20	20
Net Expenses	12,818	13,301	11,740	11,648	12,461
Las Virgenes Municipal Water District	8,764	9,145	7,974	7,849	8,489
Triunfo Sanitation District	4,054	4,156	3,766	3,799	3,972
Total Allocated Expenses	12,818	13,301	11,740	11,648	12,461



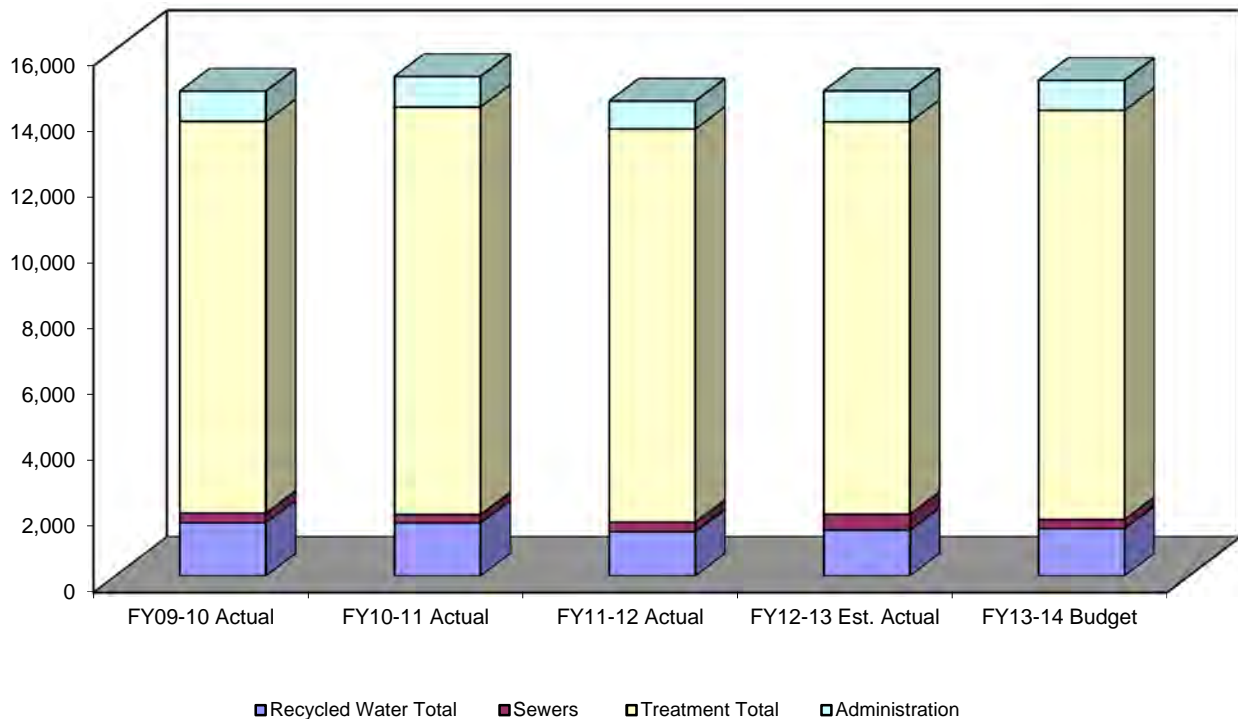
**Las Virgenes - Triunfo
Joint Powers Authority
Operations Summary**
(Dollars in Thousands)

	FY09-10 Actual	FY10-11 Actual	FY11-12 Actual	FY12-13 Est. Actual	FY13-14 Budget
JPA Revenues	1,865	1,789	2,669	3,064	2,574
JPA Expenses	14,726	15,174	14,423	14,732	15,055
Net Operating Expense	12,861	13,385	11,754	11,668	12,481



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

	FY09-10 Actual	FY10-11 Actual	FY11-12 Actual	FY12-13 Est. Actual	FY13-14 Budget
Pump Stations	1,248	1,329	1,185	1,206	1,231
Tank, Res, Wells	266	107	74	75	93
System Ops	67	39	34	40	31
Distribution	28	132	47	68	82
Recycled Water Total	1,609	1,607	1,340	1,389	1,437
Sewers	293	253	288	483	276
Reclamation	7,158	7,582	7,207	7,156	7,560
Composting	4,529	4,573	4,453	4,398	4,598
Injection & Centrate Treatment	215	230	284	363	274
Treatment Total	11,902	12,385	11,944	11,917	12,432
Administration	922	929	851	943	910
Total JPA Operations	14,726	15,174	14,423	14,732	15,055



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

	FY 09-10 Actual	FY 10-11 Actual	FY 11-12 Actual	FY 12-13 Budget	FY 12-13 Est. Actual	FY 13-14 Budget
OPERATING REVENUES						
4235 RW Sales - LVMWD	\$1,237,285	\$1,213,215	\$1,911,981	\$1,983,413	\$2,091,974	\$1,769,896
4240 RW Sales - TSD	411,782	387,888	686,030	656,702	705,955	599,261
4245 MWD Incentive - Local Projects	143,651	107,800	0	107,800	194,055	107,800
4505 Other Income from Operations	58,409	59,270	60,371	60,000	60,000	60,000
4510 Compost Sales	14,177	21,144	10,426	7,500	12,000	37,500
TOTAL OPERATING REVENUES	\$1,865,304	\$1,789,317	\$2,668,808	\$2,815,415	\$3,063,984	\$2,574,457
SOURCE OF SUPPLY						
5115 Purchased Water - Potable Suppl	67,000	0	0	0	0	0
OPERATIONS DIVISION EXPENSE						
5400 Labor	1,974,627	1,965,416	1,930,622	1,932,217	1,855,271	1,852,968
5405.1 Electricity	2,226,009	2,402,134	1,989,189	2,564,275	2,308,179	2,209,345
5405.2 Telephone	26,447	27,901	19,599	26,880	14,137	14,295
5405.3 Natural Gas	11,733	12,434	11,512	12,300	8,367	10,950
5405.4 Water	12,391	12,858	10,976	12,740	12,388	12,968
5410 Supplies/Material	104,683	132,174	91,987	85,500	72,993	86,966
5410.1 Fuel	9,998	11,919	18,587	14,000	11,877	16,371
5410.5 Ferric Chloride	75,340	113,952	86,187	90,000	80,000	84,480
5410.6 Defoamer/Deodorant	5,607	0	22,600	7,000	6,004	6,373
5410.7 Polymer	125,416	123,660	122,423	130,000	128,023	126,898
5410.8 Amendment	166,720	257,854	111,041	205,000	182,042	208,980
5410.9 Alum	25,561	40,282	19,557	33,000	28,276	24,830
5410.10 Sodium Hypochlorite	313,167	304,441	294,835	305,000	300,000	335,685
5410.11 Sodium Bisulfite	244,391	215,421	173,106	250,000	172,748	171,660
5410.13 Aqua Ammonia	0	0	0	50,000	32,066	60,939
5415 Outside Services	55,887	27,493	250,089	60,500	38,797	44,151
5417 Odor Control	106,341	108,753	87,651	115,000	99,300	136,000
5420 Permits and Fee	106,494	140,400	155,009	156,900	160,478	160,771
5425 Consulting Services	16,684	37,883	2,335	0	32,390	5,000
5430 Capital Outlay	85,853	62,541	43,723	46,500	0	43,000
Sub-total	\$5,693,349	\$5,997,516	\$5,441,028	\$6,096,812	\$5,543,336	\$5,612,630
MAINTENANCE DIVISION EXPENSE						
5500 Labor	1,333,926	1,293,113	1,141,118	1,222,087	1,246,383	1,334,777
5510 Supplies/Material	322,889	369,696	328,874	367,500	356,311	347,215
5515 Outside Services	286,583	210,377	302,636	435,800	487,631	269,182
5518 Building Maintenance	133,027	127,599	98,982	110,000	117,692	126,427
5520 Permits and Fee	404	800	280	1,000	560	700
5525 Consulting Services	0	18,760	0	20,000	0	0
5530 Capital Outlay	0	38,431	20,142	0	0	81,500
Sub-total	\$2,076,829	\$2,058,776	\$1,892,032	\$2,156,387	\$2,208,577	\$2,159,801
INVENTORY EXPENSES						
5536 Inventory Adjustment	2,469	2,807	2,393	3,100	3,000	3,100
PUBLIC INFORMATION						
6602 School Education Program	2,798	8,308	4,066	7,068	5,012	6,006
6604 Public Education Program	24,397	33,483	20,011	35,175	25,014	34,686
6606 Community Group Outreach	2,679	1,647	187	10,046	5,000	10,001
6608 Intergovernmental Coordination	14,691	15,922	8,973	16,178	9,992	16,018
Sub-total	\$44,565	\$59,360	\$33,237	\$68,467	\$45,018	\$66,711
RESOURCE CONSERVATION						
6788 District Sprayfield	261,642	277,619	264,468	284,461	281,307	284,997
6789 005 Discharge	36,509	60,039	51,768	64,000	47,216	50,360
6785 Watershed Programs	61,373	77,846	59,600	72,455	96,921	88,475
Sub-total	\$359,524	\$415,504	\$375,836	\$420,916	\$425,444	\$423,832

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

	FY 09-10 Actual	FY 10-11 Actual	FY 11-12 Actual	FY 12-13 Budget	FY 12-13 Est. Actual	FY 13-14 Budget
SPECIALTY EXPENSES						
5700 SCADA Services	86,081	64,484	103,920	111,028	83,935	94,173
5710.2 Technical Services	4,712	1,644	17,495	4,579	24,727	11,539
5712 Compost Sales/Use Tax	6,071	6,839	2,973	4,000	4,000	4,000
5715.2 Other Lab Services	158,312	180,721	151,858	154,600	84,084	118,000
5715.3 Tapia Lab Sampling	113,453	111,815	134,990	118,420	138,241	132,491
7202 Allocated Lab Expense	362,454	397,618	402,459	408,278	358,962	398,517
Sub-total	\$731,083	\$763,121	\$813,695	\$800,905	\$693,949	\$758,720
ADMINISTRATIVE EXPENSES						
6872 Litigation/Outside Services	0	0	605	0	50,000	0
6516 Other Professional Services	115,317	16,326	0	0	0	0
6517 Audit Fees	4,435	8,545	6,275	4,650	5,300	5,300
7110 Travel/Misc Staff Expense	20	0	0	0	0	0
7135 General Insurance	0	0	0	0	0	0
7135.1 Property Insurance	71,381	71,307	75,323	75,330	59,731	56,825
7135.4 Earthquake Insurance	93,471	89,903	91,743	91,750	92,878	93,700
7153 TSD Staff Services	0	0	0	0	0	0
6260 Rental Charge - Facility Repl	356,749	354,020	331,945	346,820	355,496	355,823
7203 Allocated Building Maint	80,441	87,384	96,673	105,892	96,323	85,318
7225 Allocated Support Services	3,607,349	3,783,538	3,692,475	3,856,309	3,600,955	3,845,239
7226 Allocated Operations Services	1,422,561	1,466,291	1,570,069	1,536,610	1,551,718	1,588,252
Sub-total	\$5,751,724	\$5,877,314	\$5,865,108	\$6,017,361	\$5,812,401	\$6,030,457
TOTAL EXPENSES	\$14,726,543	\$15,174,398	\$14,423,329	\$15,563,948	\$14,731,725	\$15,055,251
NET OPERATING EXPENSE	\$12,861,239	\$13,385,081	\$11,754,521	\$12,748,533	\$11,667,741	\$12,480,794

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RW WHOLESALE COMPUTATIONS

FY 2012-13 Estimated Actual Costs	Total Cost	Base Cost	Add'l Pumping	East-West Cost
Pump Stations	1,205,752	407,543	798,209	
Reservoirs	74,905	74,905		
System Operations	40,084	40,084		
Distribution	67,866	67,866		
Administration	88,578	88,578		
subtotal:Operations & Admin	<u>1,477,185</u>	<u>678,976</u>		
Depreciation FY10-11	804,000	804,000	-	
Total Cost	<u>\$ 2,281,185</u>	<u>\$ 1,482,976</u>		
Costs per Acre Foot		<u>\$ 240.79</u>	<u>\$ 134.95</u>	<u>\$ 375.74</u>

FY 2012-13 Estimated Deliveries

	Acre Feet	Rate	
LV Valley	244	\$ 314.06 /AF	\$ 76,630.64
LVMWD East	1,920	\$ 454.76 /AF	\$ 873,139.20
LVMWD West	<u>2,453</u>	\$ 454.76 /AF	<u>\$ 1,115,435.33</u>
Total LVMWD	<u>4,617</u>		<u>\$ 2,065,205.17</u>
TSD	<u>1,542</u>	\$ 454.76 /AF	<u>\$ 701,239.92</u>
	<u>6,159</u>		<u>\$ 2,766,445.09</u>

RW WHOLESALE RATE COMPUTATIONS

FY 2013-14 Budgeted Costs	Total Cost	Base Cost	Add'l Pumping	East-West Cost
Pump Stations	1,231,197	472,158	759,039.50	
Reservoirs	93,349	93,349		
System Operations	31,386	31,386		
Distribution	81,622	81,622		
Administration	86,618	86,618		
subtotal:Operations & Admin	<u>1,524,172</u>	<u>765,133</u>		
Depreciation FY11-12	845,000	845,000	-	
Total Cost	<u>\$ 2,369,172</u>	<u>\$ 1,610,133</u>	<u>\$ 759,040</u>	
Costs per Acre Foot		<u>\$ 267.73</u>	<u>\$ 130.98</u>	<u>\$ 398.71</u>

FY 2013-14 Estimated Deliveries (avg. prior 3 years)

	Acre Feet	Rate	
LV Valley	219	\$ 267.73 /AF	\$ 58,632.87
LVMWD East	1,914	\$ 398.71 /AF	\$ 763,130.94
LVMWD West	2,378	\$ 398.71 /AF	\$ 948,132.38
Total LVMWD	<u>4,511</u>		<u>\$ 1,769,896.19</u>
TSD	1,503	\$ 398.71 /AF	\$ 599,261.13
	<u>6,014</u>		<u>\$ 2,369,157.32</u>

**ESTIMATED ACTUAL FOR 2012-13 FISCAL YEAR
ALLOCATION OF JOINT POWERS EXPENSES TO PARTICIPANTS**

EXPENSES (REVENUES)	JPA EXPENSES BY ALLOCATION GROUPS					
	A	B	C	D	E	TOTAL
SEWER EXPENSE	483,272	0	0	0	0	483,272
TREATMENT RECLAMATION	0	4,387,177	2,768,382	0	0	7,155,559
TREATMENT COMPOSTING	0	2,743,904	1,654,372	0	0	4,398,276
TREATMENT INJECTION	0	195,677	167,606	0	0	363,283
PUMP STATIONS	0	1,205,752	0	0	0	1,205,752
TANKS/RESERVOIR WELLS	0	74,905	0	0	0	74,905
SYSTEM OPERATION	0	40,084	0	0	0	40,084
WATER SYSTEM	0	67,866	0	0	0	67,866
ADMINISTRATIVE EXPENSES	0	934,428	0	5,300	0	939,728
TAPIA WAREHOUSE	0	3,000	0	0	0	3,000
REVENUES	0	(3,063,984)	0	0	(20,000)	(3,083,984)
TOTAL EXPENSES	483,272	6,588,809	4,590,360	5,300	(20,000)	11,647,741
	A	B	C	D	E	TOTAL

PARTICIPANTS SHARE	ALLOCATION OF EACH GROUP TO PARTICIPANTS											
	A		B		C		D		E		TOTAL	
	%	\$	%	\$	%	\$	%	\$	%	\$		
U-1 SANITATION DISTRICT	36.3%	175,428	53.1%	3,946,662	47.0%	2,157,469	25.0%	1,325	79.2%	(15,848)	53.8%	6,265,036
U-2 SANITATION DISTRICT	3.1%	14,981	17.5%	1,300,689	18.8%	862,988	25.0%	1,325	0.0%	0	18.7%	2,179,983
RECYCLED WATER FUND				(595,652)								(595,652)
LVMWD	39.4%	190,409	70.6%	4,651,699	65.8%	3,020,457	50.0%	2,650	79.2%	(15,848)	72.5%	7,849,367
TRIUNFO SANITATION DISTRICT	60.6%	292,863	29.4%	1,937,110	34.1%	1,569,903	50.0%	2,650	20.8%	(4,152)	27.5%	3,798,374
TOTAL ALLOCATION	100.0%	483,272	100.0%	6,588,809	99.9%	4,590,360	100.0%	5,300	100.0%	(20,000)	100.0%	11,647,741
	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.

**PROJECTION FOR 2013-14 FISCAL YEAR
ALLOCATION OF JOINT POWERS EXPENSES TO PARTICIPANTS**

EXPENSES (REVENUES)	JPA EXPENSES BY ALLOCATION GROUPS					
	A	B	C	D	E	TOTAL
SEWER EXPENSE	275,508	0	0	0	0	275,508
TREATMENT RECLAMATION	0	4,632,668	2,927,186	0	0	7,559,854
TREATMENT COMPOSTING	0	2,867,209	1,730,442	0	0	4,597,651
TREATMENT INJECTION	0	154,362	120,086	0	0	274,448
PUMP STATIONS	0	1,231,197	0	0	0	1,231,197
TANKS/RESERVOIR WELLS	0	93,349	0	0	0	93,349
SYSTEM OPERATION	0	31,386	0	0	0	31,386
WATER SYSTEM	0	81,622	0	0	0	81,622
ADMINISTRATIVE EXPENSES	0	901,836	0	5,300	0	907,136
TAPIA WAREHOUSE	0	3,100	0	0	0	3,100
REVENUES	0	(2,574,457)	0	0	(20,000)	(2,594,457)
TOTAL EXPENSES	275,508	7,422,272	4,777,714	5,300	(20,000)	12,460,794
	A	B	C	D	E	TOTAL

PARTICIPANTS SHARE	ALLOCATION OF EACH GROUP TO PARTICIPANTS													
	%		\$		%		\$		%		\$		TOTAL	
U-1 SANITATION DISTRICT	36.3%	100,009	53.1%	4,389,921	47.1%	2,250,303	25.0%	1,325	79.2%	(15,848)	54.0%	6,725,710		
U-2 SANITATION DISTRICT	3.1%	8,541	17.5%	1,446,773	18.9%	902,988	25.0%	1,325	0.0%	0	18.9%	2,359,627		
RECYCLED WATER FUND				(596,570)								(596,570)		
TOTAL LVMWD	39.4%	108,550	70.6%	5,240,124	66.0%	3,153,291	50.0%	2,650	79.2%	(15,848)	72.9%	8,488,767		
TRIUNFO SANITATION DISTRICT	60.6%	166,958	29.4%	2,182,148	34.0%	1,624,423	50.0%	2,650	20.8%	(4,152)	27.1%	3,972,027		
TOTAL ALLOCATION	100.0%	275,508	100.0%	7,422,272	100.0%	4,777,714	100.0%	5,300	100.0%	(20,000)	100.0%	12,460,794		
	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
 ESTIMATED ACTUAL FY 2012-13

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	3.58	1,308	47.0%	6,265,036	4,790	51.2%	18,476	194
U-2 SANITATION DISTRICT	1.44	524	18.8%	2,179,983	4,160	17.8%	6,743	213
LVMWD	5.02	1,832	65.8%	8,445,019	4,610	69.0%	25,219	199
TRIUNFO SANITATION DISTRICT	2.60	949	34.1%	3,798,374	4,003	31.0%	12,245	212
TOTAL ALL PARTICIPANTS	7.62	2,781	99.9%	12,243,393 *	4,403	100.0%	37,464	203
RETURN FLOWS	0.97	354						
WESTLAKE WELLS	0.20	73						
	8.79	3,208						

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

JOINT POWERS AUTHORITY
PARTICIPANT SEWAGE FLOWS and EXPENSE ALLOCATION
FY 2013-14

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	3.53	1,288	47.1%	6,725,710	5,222	51.5%	18,500	191
U-2 SANITATION DISTRICT	1.41	515	18.9%	2,359,627	4,582	18.1%	6,755	209
LVMWD	4.94	1,803	66.0%	9,085,337	5,039	69.6%	25,255	196
TRIUNFO SANITATION DISTRICT	2.55	929	34.0%	3,972,027	4,276	30.4%	12,245	208
TOTAL ALL PARTICIPANTS	7.48	2,732	100.0%	13,057,364 *	4,779	100.0%	37,500	200
RETURN FLOWS	0.86	315						
WESTLAKE WELLS	0.21	77						
	8.56	3,124						

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

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

	FY 09-10 Actual	FY 10-11 Actual	FY 11-12 Actual	FY 12-13 Budget	FY 12-13 Est. Actual	FY 13-14 Budget
BOARD EXPENSES						
6000 Directors' Fees	\$73,600	\$75,800	\$84,107	\$90,000	\$87,000	\$90,000
6005 Directors' Benefits	63,887	61,748	63,753	59,120	58,992	71,638
6010 Directors' Conference Expenses	17,620	26,999	34,357	25,000	22,000	25,000
6015 Directors' Miscellaneous	768	722	504	700	600	600
6020 Election Expense	0	16,911	0	30,000	21,019	0
Sub-total	\$155,875	\$182,180	\$182,721	\$204,820	\$189,611	\$187,238
PAYROLL EXPENSES						
6100 Staff Salaries	10,297,554	10,078,123	9,663,351	10,008,580	9,771,698	10,012,045
6102 Staff Overtime	328,877	290,962	294,027	210,300	281,520	234,922
6105 Staff Benefits	4,528,027	4,884,349	5,132,943	4,928,847	4,928,117	4,987,644
6110 Staff Taxes	986,732	1,050,342	989,894	1,006,652	936,211	1,014,777
Sub-total	\$16,141,190	\$16,303,776	\$16,080,215	\$16,154,379	\$15,917,546	\$16,249,388
6115 Staff Costs Recovered	(7,372,468)	(7,380,585)	(7,211,066)	(7,225,908)	(7,266,141)	(7,383,701)
Net Payroll Expenses	\$8,768,722	\$8,923,191	\$8,869,149	\$8,928,471	\$8,651,405	\$8,865,687
OFFICE EQUIPMENT & POSTAGE						
6200 Forms, Supplies & Postage	147,955	135,506	95,813	154,110	147,950	153,250
6205 Equipment Rental	9,269	9,679	9,284	10,200	8,200	8,200
6210 Equipment Repairs	470	97	522	1,500	1,000	1,500
6215 Equipment Maintenance	266,084	289,389	331,519	292,500	305,500	306,000
6220 Outside Services	75,366	104,188	115,332	98,500	123,687	102,800
6225 Radio Maintenance Expense	24,247	24,791	25,402	27,500	22,000	22,000
6230 Safety Equipment	14,828	13,435	20,986	16,350	19,043	19,950
6235 Records Management	54,478	50,412	52,917	55,000	50,000	51,000
6250 Equipment Interest Expense	7,857	10,488	8,191	6,300	6,750	6,630
Sub-total	\$600,554	\$637,985	\$659,966	\$661,960	\$684,130	\$671,330
PROFESSIONAL SERVICES						
6500 Legal Services	92,044	182,169	107,462	87,000	76,000	87,000
6505 Legal Advertising	8,416	10,380	8,981	9,500	9,000	9,000
6516 Other Professional Services	193,752	6,833	86,159	73,600	64,705	67,500
6517 Audit Fees	32,125	32,125	34,530	33,400	33,400	33,400
6522 Management Consultant Fees	78,552	53,951	113,107	92,500	51,000	177,500
Sub-total	\$404,889	\$285,458	\$350,239	\$296,000	\$234,105	\$374,400
RES CONSER/PUBLIC OUTREACH						
6602 School Education Program	19,975	7,554	9,123	20,296	20,046	19,976
6604 Public Education Program	85,792	97,344	152,054	174,273	174,998	174,293
6606 Community Group Outreach	5,103	6,659	23,425	25,196	19,984	25,025
6608 Intergovernmental Coordination	3,692	3,126	8,021	10,017	7,501	10,225
Sub-total	\$114,562	\$114,683	\$192,623	\$229,782	\$222,529	\$229,519
HUMAN RESOURCES						
6800 Safety	38,556	21,798	18,010	38,000	20,000	38,000
6810 Recruitment Expenses	31,625	9,510	7,653	10,000	28,000	10,000
6812 Retired Employee Benefits	483,968	572,378	693,717	774,500	813,000	985,000
6815 Employee Recognition Function	7,248	7,423	3,015	9,500	6,500	10,000
6817 Employee Survey Outreach	0	0	204	200	0	0
6820 Employee Assistance Program	3,463	866	0	2,000	0	2,000
6825 Employee Wellness Program	13,660	13,970	11,070	15,000	1,000	10,000
6830 Training & Prof. Development	103,716	76,063	68,109	139,900	73,403	155,675
6840 DOT Testing	980	1,050	1,050	1,050	1,050	1,050
6850 Unemployment Ins. Benefit	9,622	17,585	4,740	20,000	10,000	15,000
6855 Donated Sick Leave	343	(6,492)	4,241	0	0	0
6872 Litigation - Outside Services	474,058	102,732	71,141	100,000	100,000	100,000
Sub-total	\$1,167,239	\$816,883	\$882,950	\$1,110,150	\$1,052,953	\$1,326,725

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

	FY 09-10 Actual	FY 10-11 Actual	FY 11-12 Actual	FY 12-13 Budget	FY 12-13 Est. Actual	FY 13-14 Budget
OTHER G&A EXPENSES						
7100 Provision for Uncollectible Accts	73,487	82,027	150,207	60,000	163,000	175,000
7105 Dues/Subscriptions/Memberships	92,718	82,504	82,562	86,305	76,630	81,020
7110 Travel/Misc. Expenses	2,207	795	9,393	1,700	1,384	1,795
7135 General Insurance	0	0	0	0	0	0
7135.1 Property Insurance	26,704	26,675	26,839	27,500	30,768	32,350
7135.2 Liability Insurance	255,607	273,082	281,244	288,100	216,905	194,100
7135.3 Automobile Insurance	112,082	87,594	78,810	82,700	20,779	0
7135.4 Earthquake Insurance	55,403	53,288	54,379	53,800	55,052	55,625
7135.5 Excess Liability Insurance	357,089	360,036	355,384	373,000	248,609	216,200
7145 Claims Paid	0	0	0	0	0	0
7152 LAFCO Charges	13,900	12,292	15,144	15,000	13,198	15,000
7155 Other Expense	0	0	0	0	0	0
Sub-total	<u>\$989,197</u>	<u>\$978,293</u>	<u>\$1,053,962</u>	<u>\$988,105</u>	<u>\$826,325</u>	<u>\$771,090</u>
OPERATING EXPENSE						
5400 Labor	275,273	295,790	310,486	279,913	348,606	381,128
5405.1 Utilities - Energy	159,828	141,443	127,023	156,000	128,000	129,800
5405.2 Utilities - Telephone	140,378	122,483	144,741	159,670	127,430	143,158
5405.3 Utilities - Gas	27,221	22,412	21,251	25,500	22,320	23,400
5405.4 Utilities - Water	12,275	12,479	12,770	15,500	12,500	12,714
5410 Supplies/Materials	403	0	0	0	0	0
5415 Outside Services	0	0	0	0	3,752	4,000
5430 Capital Outlay	32,056	64,545	64,246	66,550	65,050	55,625
Sub-total	<u>\$647,434</u>	<u>\$659,152</u>	<u>\$680,517</u>	<u>\$703,133</u>	<u>\$707,658</u>	<u>\$749,825</u>
MAINTENANCE EXPENSE						
5500 Labor	271,957	293,159	245,239	254,184	281,209	332,720
5510 Supplies/Materials	214,539	159,396	519,910	291,030	269,464	563,120
5510.1 Fuel	123,235	120,767	104,484	120,000	128,300	135,658
5515 Outside Services	288,566	279,082	315,445	339,000	363,106	326,918
5520 Permits/Fee	7,443	7,879	9,704	11,800	9,311	9,529
5530 Capital Outlay	13,371	17,238	3,300	49,115	37,700	0
6255 Rental Charge - Vehicles	112,278	109,579	103,150	102,008	102,390	109,744
Sub-total	<u>\$1,031,389</u>	<u>\$987,100</u>	<u>\$1,301,232</u>	<u>\$1,167,137</u>	<u>\$1,191,480</u>	<u>\$1,477,689</u>
INVENTORY EXPENSE						
5536 Inventory Adjustment	8,193	13,353	8,594	13,000	12,000	13,000
GEN'L SPECIALTY EXPENSE						
5725 Supplies and Small Tools	28,284	53,565	20,560	31,750	25,300	46,970
Sub-total	<u>\$28,284</u>	<u>\$53,565</u>	<u>\$20,560</u>	<u>\$31,750</u>	<u>\$25,300</u>	<u>\$46,970</u>
TOTAL EXPENSES	<u>\$13,916,079</u>	<u>\$13,651,612</u>	<u>\$14,201,578</u>	<u>\$14,333,608</u>	<u>\$13,795,583</u>	<u>\$14,713,373</u>
ALLOCATED EXPENSES						
ALLOCATED TECHNICAL SERVICES	\$0	\$0	\$0	\$0	\$0	\$0
ALLOCATED CUSTOMER INFO SYSTEMS	\$0	\$0	\$0	\$0	\$0	\$0
ALLOCATED LABORATORY EXPENSES	(\$540,975)	(\$593,461)	(\$600,684)	(\$609,370)	(\$535,765)	(\$594,801)
ALLOCATED VEHICLE EXPENSES	\$0	\$0	\$0	\$0	\$0	\$0
ALLOCATED LEGAL EXPENSES	(\$474,058)	(\$102,732)	(\$71,141)	(\$100,000)	(\$100,000)	(\$100,000)
ALLOCATED OPS BLDG EXPENSES	(\$160,882)	(\$174,768)	(\$193,346)	(\$211,784)	(\$192,647)	(\$170,637)
ALLOCATED INTERNAL G&A	\$0	\$0	(\$7)	\$0	\$1	\$1
ALLOCATED SUPPORT SERVICES(G&A)	(\$5,777,091)	(\$5,907,107)	(\$5,953,608)	(\$6,166,080)	(\$5,663,901)	(\$5,998,510)
ALLOCATED OPERATIONS SERVICES(G&A)	(\$6,963,073)	(\$6,873,544)	(\$7,382,792)	(\$7,246,374)	(\$7,303,271)	(\$7,849,426)
TOTAL ALLOCATED EXPENSES	<u>(\$13,916,079)</u>	<u>(\$13,651,612)</u>	<u>(\$14,201,578)</u>	<u>(\$14,333,608)</u>	<u>(\$13,795,583)</u>	<u>(\$14,713,373)</u>

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**Las Virgenes Municipal Water District
Summary of Allocated Internal Service Costs
FY 2012-13 Estimated Actual**

				Cost Recipient				
	Total Costs	Direct Allocations	Allocated G&A Costs	JPA	Total LVMWD Operations	Capital Projects	Internal G&A Allocated/ (Received)	Total Allocations
Central Service Provider								
General Manager	680,905	5,375	686,280	371,736	168,298	6,992	139,254	686,280
General Manager-100% LVMWD	155,798	(100,000)	55,798	-	61,536	-	(5,738)	55,798
Board of Directors	199,041	-	199,041	-	205,654	-	(6,613)	199,041
Board of Directors & GM	1,035,744	(94,625)	941,119	371,736	435,488	6,992	126,903	941,119
RCPO Administration	367,538	-	367,538	199,085	29,536	-	138,917	367,538
Customer Service Admin	193,304	-	193,304	-	-	-	193,304	193,304
Customer Service Operations	1,279,045	467,398	1,746,443	-	2,176,678	7,959	(438,194)	1,746,443
Meter Service	712,700	-	712,700	-	823,098	-	(110,398)	712,700
Customer Service Programs	239,352	10,750	250,102	-	360,040	-	(109,938)	250,102
Resource/Watershed Conservation	330,790	5,375	336,165	-	424,690	27,400	(115,925)	336,165
Public Information	458,989	-	458,989	248,618	76,002	14,016	120,353	458,989
GIS & New Customer Svc	-	-	-	-	-	-	-	-
RCPO	3,581,718	483,523	4,065,241	447,703	3,890,044	49,375	(321,881)	4,065,241
Facilities & Operations Admin	457,351	5,375	462,726	250,644	270,123	49,889	(107,930)	462,726
Facilities Maint/Const Admin	199,892	3,768	203,660	110,316	122,767	22,674	(52,097)	203,660
Electrical	266,084	48,375	314,459	170,332	174,827	712	(31,412)	314,459
Maintenance	73,228	80,736	153,964	83,398	73,185	-	(2,619)	153,964
Building 8 Maintenance	353,919	-	353,919	191,706	-	-	162,213	353,919
Building 7 Maintenance	192,647	(192,647)	-	1	64,526	-	(64,527)	-
Construction	121,537	145,348	266,885	144,565	165,817	-	(43,497)	266,885
Fleet Maintenance	554,128	(554,128)	-	-	-	-	-	-
Water Administration	116,113	1,607	117,720	63,764	83,387	-	(29,431)	117,720
Water Treatment & Production	252,240	91,487	343,727	186,185	241,042	-	(83,500)	343,727
Reclamation Administration	462,090	5,375	467,465	253,210	-	-	214,255	467,465
Laboratory	525,015	(525,015)	-	-	370,692	-	(370,692)	-
Wastewater Treatment Facility	137,093	21,500	158,593	85,904	176,993	-	(104,304)	158,593
Composting Facility	80,135	21,500	101,635	55,052	71,233	-	(24,650)	101,635
Planning & Technical Services	651,672	(65,334)	586,338	317,601	29,981	479,293	(240,537)	586,338
Facilities & Operations	4,443,144	(912,053)	3,531,091	1,912,678	1,844,573	552,568	(778,728)	3,531,091
Finance & Administration Admin	1,123,922	-	1,123,922	608,793	264,575	-	250,554	1,123,922
Information Systems	1,237,706	(305,257)	932,449	526,299	102,955	18,987	284,208	932,449
Human Resources	1,224,115	-	1,224,115	663,066	143,613	26,485	390,951	1,224,115
Finance & Accounting	1,149,034	-	1,149,034	622,398	431,319	47,325	47,992	1,149,034
Finance & Administration	4,734,777	(305,257)	4,429,520	2,420,556	942,462	92,797	973,705	4,429,520
Total Allocated G&A Costs	13,795,383	(828,412)	12,966,971	5,152,673	7,112,567	701,732	(1)	12,966,971
Direct Allocations								
Allocated Laboratory Expenses				358,962	176,803	-	-	535,765
Allocated Ops Bldg Expenses				96,323	96,324	-	-	192,647
Allocated Legal Expenses				-	100,000	-	-	100,000
Total Direct Allocations				455,285	373,127	-	-	828,412
Total all Allocated Costs				5,607,958	7,485,694	701,732	(1)	13,795,383

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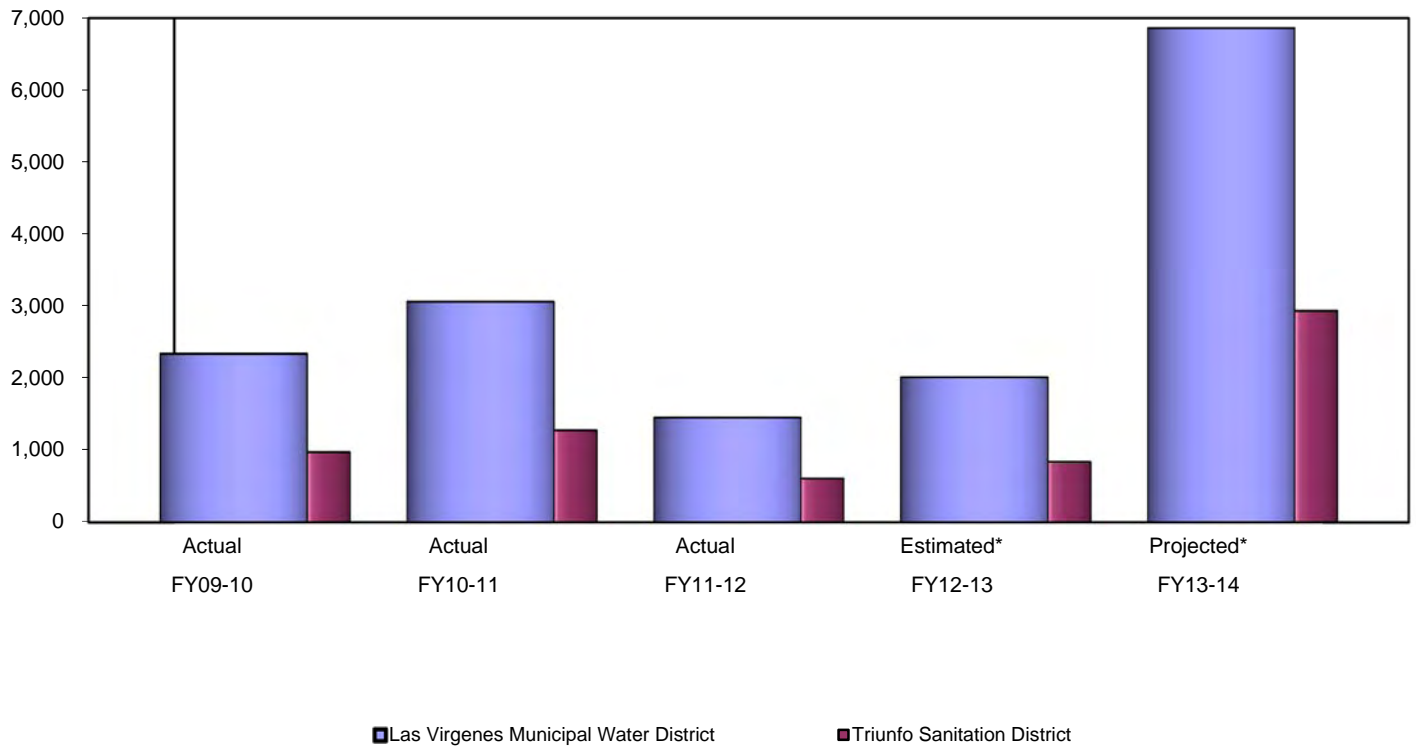
**Las Virgenes Municipal Water District
Summary of Allocated Internal Service Costs
FY 2013-14 Budget**

				Cost Recipient				
	Total Costs	Direct Allocations	Allocated G&A Costs	JPA	Total LVMWD Operations	Capital Projects	Internal G&A Allocated/ (Received)	Total Allocations
Central Service Provider								
General Manager	670,646	5,238	675,884	366,100	168,437	7,413	133,934	675,884
General Manager-100% LVMWD	158,700	(100,000)	58,700	-	64,772	-	(6,072)	58,700
Board of Directors	204,129	-	204,129	-	211,301	-	(7,172)	204,129
Board of Directors & GM	1,033,475	(94,762)	938,713	366,100	444,510	7,413	120,690	938,713
RCPO Administration	403,910	-	403,910	218,786	33,034	-	152,090	403,910
Customer Service Admin	201,180	-	201,180	-	-	-	201,180	201,180
Customer Service Operations	1,285,260	437,404	1,722,664	-	2,225,186	8,636	(511,158)	1,722,664
Meter Service	1,065,381	-	1,065,381	-	1,202,339	-	(136,958)	1,065,381
Customer Service Programs	195,643	10,476	206,119	-	310,671	-	(104,552)	206,119
Resource/Watershed Conservation	353,557	5,238	358,795	-	460,853	29,732	(131,790)	358,795
Public Information	506,873	-	506,873	274,555	87,952	17,111	127,255	506,873
GIS & New Customer Svc	-	-	-	-	-	-	-	-
RCPO	4,011,804	453,118	4,464,922	493,341	4,320,035	55,479	(403,933)	4,464,922
Facilities & Operations Admin	460,099	5,238	465,337	252,058	275,579	53,762	(116,062)	465,337
Facilities Maint/Const Admin	210,223	3,672	213,895	115,861	130,675	25,492	(58,133)	213,895
Electrical	163,839	47,142	210,981	114,283	99,853	837	(3,992)	210,981
Maintenance	151,743	78,678	230,421	124,811	128,614	-	(23,004)	230,421
Building 8 Maintenance	381,185	-	381,185	206,475	-	-	174,710	381,185
Building 7 Maintenance	170,637	(170,637)	-	1	67,906	-	(67,907)	-
Construction	152,003	141,640	293,643	159,053	188,810	-	(54,220)	293,643
Fleet Maintenance	539,997	(539,997)	-	-	-	-	-	-
Water Administration	122,470	1,566	124,036	67,186	89,956	-	(33,106)	124,036
Water Treatment & Production	261,677	89,153	350,830	190,034	250,998	1,969	(92,171)	350,830
Reclamation Administration	475,178	5,238	480,416	260,227	-	-	220,189	480,416
Laboratory	584,325	(584,325)	-	-	427,614	-	(427,614)	-
Wastewater Treatment Facility	123,806	20,952	144,758	78,409	165,710	-	(99,361)	144,758
Composting Facility	65,961	20,952	86,913	47,076	49,503	-	(9,666)	86,913
Planning & Technical Services	700,754	(71,880)	628,874	340,697	91,547	460,440	(263,810)	628,874
Facilities & Operations	4,563,897	(952,608)	3,611,289	1,956,171	1,966,765	542,500	(854,147)	3,611,289
Finance & Administration Admin	1,159,092	-	1,159,092	627,841	230,296	-	300,955	1,159,092
Information Systems	1,249,910	(271,186)	978,724	530,142	109,803	21,362	317,417	978,724
Human Resources	1,515,716	-	1,515,716	821,012	173,831	33,818	487,055	1,515,716
Finance & Accounting	1,179,479	-	1,179,479	638,884	456,983	51,650	31,962	1,179,479
Finance & Administration	5,104,197	(271,186)	4,833,011	2,617,879	970,913	106,830	1,137,389	4,833,011
Total Allocated G&A Costs	14,713,373	(865,438)	13,847,935	5,433,491	7,702,223	712,222	(1)	13,847,935
Direct Allocations								
Allocated Laboratory Expenses				398,517	196,284	-	-	594,801
Allocated Ops Bldg Expenses				85,318	85,319	-	-	170,637
Allocated Legal Expenses				-	100,000	-	-	100,000
Total Direct Allocations				483,835	381,603	-	-	865,438
Total all Allocated Costs				5,917,326	8,083,826	712,222	(1)	14,713,373

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

	FY09-10 Actual	FY10-11 Actual	FY11-12 Actual	FY12-13 Estimated*	FY13-14 Projected*
Las Virgenes Municipal Water District	2,335	3,058	1,451	2,010	6,863
Triunfo Sanitation District	972	1,274	604	837	2,931
	3,307	4,332	2,055	2,847	9,794

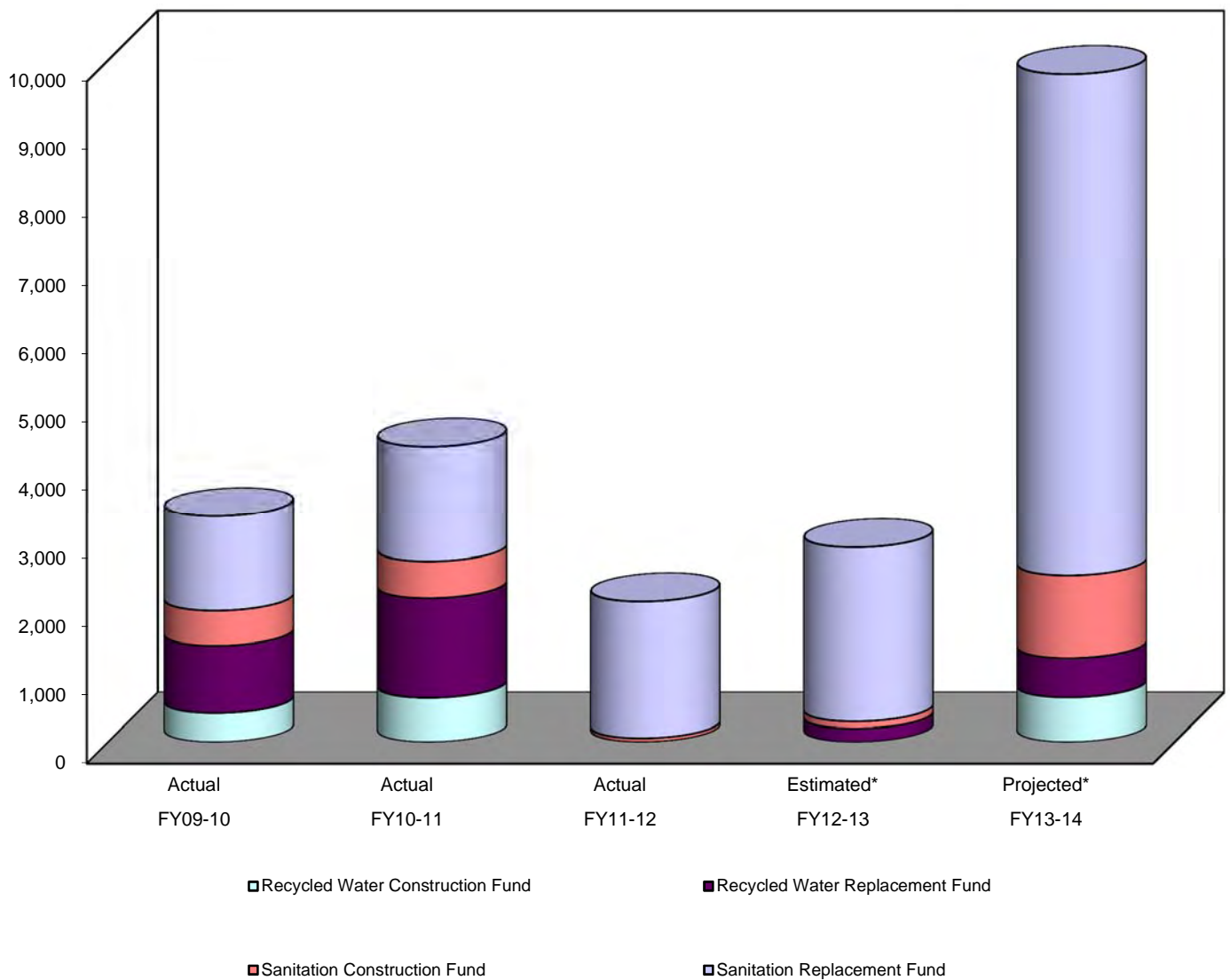


*Estimated and Projected expenditures represent working capital requirements for each fiscal year.

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

	FY09-10 Actual	FY10-11 Actual	FY11-12 Actual	FY12-13 Estimated*	FY13-14 Projected*
Recycled Water Construction Fund	425	649	-	-	655
Recycled Water Replacement Fund	983	1,455	2	198	573
Sanitation Construction Fund	514	537	55	106	1,209
Sanitation Replacement Fund	1,385	1,691	1,998	2,543	7,357
	3,307	4,332	2,055	2,847	9,794



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

ITEM 4A

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
CAPITAL IMPROVEMENT PROJECTS
EXPENDITURE LISTING by FUND
FY 2012-13 ESTIMATED ACTUAL**

WORK ORDER NO.	PROJECT NAME / FUND	FY 2012-13 ESTIMATED EXPENDITURES	% OF TOTAL PROJECT	FY 2012-13 ALLOCATED EXPENDITURES	JOINT POWERS ALLOCATION			
					TSD SHARE		LVMWD SHARE	
					RATIO	AMOUNT	RATIO	AMOUNT
Recycled Water Replacement								
10418	Rehabilitation of 18" RW Pipe (Tapia/Mulholland Highway)	\$69,447	100.0%	\$69,447	29.4%	\$20,417	70.6%	\$49,030
10492	Groundwater Supplement Study - Recycled Water	\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10516	Recycled Water Master Plan	\$44,763	100.0%	\$44,763	29.4%	\$13,160	70.6%	\$31,603
10522	Reservoir #2 Improvements (Lining Cover)	\$49,549	100.0%	\$49,549	29.4%	\$14,567	70.6%	\$34,982
10534	Rancho Solar Project	\$33,850	100.0%	\$33,850	29.4%	\$9,952	70.6%	\$23,898
Total: Recycled Water Replacement				\$197,609		\$58,097		\$139,512
Sanitation Construction								
10257	Combined Heat and Power (CHP) Project	\$12,077	20.0%	\$2,415	29.4%	\$710	70.6%	\$1,705
10487	Construct 3rd Digester at Rancho	\$519,070	20.0%	\$103,814	29.4%	\$30,521	70.6%	\$73,293
Total: Sanitation Construction				\$106,229		\$31,231		\$74,998
Sanitation Replacement								
10257	Combined Heat and Power (CHP) Project	\$12,077	80.0%	\$9,662	29.4%	\$2,841	70.6%	\$6,821
10387	Rancho Material Handling Improvements	\$1,068	100.0%	\$1,068	29.4%	\$314	70.6%	\$754
10391	Rancho Las Virgenes: Compost Reactor Building Roof Repair	\$13,403	100.0%	\$13,403	29.4%	\$3,940	70.6%	\$9,463
10446	Buffer Land at Rancho	\$0	100.0%	\$0	50.0%	\$0	50.0%	\$0
10448	Rancho Polymer Feed System Rehabilitation	\$49,403	100.0%	\$49,403	29.4%	\$14,524	70.6%	\$34,879
10451	Tapia Gate and Drive Replacement	\$70,275	100.0%	\$70,275	29.4%	\$20,661	70.6%	\$49,614
10453	Tapia and Rancho Vulnerability Assessment	\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10457	Tapia Alternative Disinfection Improvements	\$1,015,200	100.0%	\$1,015,200	29.4%	\$298,469	70.6%	\$716,731
10462	Tapia: 20 and 24" Influent Force Main Upgrade	\$481,945	100.0%	\$481,945	29.4%	\$141,692	70.6%	\$340,253
10487	Construct 3rd Digester at Rancho	\$519,070	80.0%	\$415,256	29.4%	\$122,085	70.6%	\$293,171
10493	Tapia: Sludge Screening	\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10499	Tapia Grit Cyclone Conveyor System	\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0

ITEM 4A

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
CAPITAL IMPROVEMENT PROJECTS
EXPENDITURE LISTING by FUND
FY 2012-13 ESTIMATED ACTUAL**

WORK ORDER NO.	PROJECT NAME / FUND	FY 2012-13 ESTIMATED EXPENDITURES	% OF TOTAL PROJECT	FY 2012-13 ALLOCATED EXPENDITURES	JOINT POWERS ALLOCATION			
					TSD SHARE		LVMWD SHARE	
					RATIO	AMOUNT	RATIO	AMOUNT
10502	Rancho Miscellaneous Equipment - FY 11-12	\$9,429	100.0%	\$9,429	29.4%	\$2,772	70.6%	\$6,657
10512	Tapia: Primary Tank Rehabilitation	\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10513	Tapia Gate and Drive Replacement	\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10515	Sanitation Master Plan Update	\$35,660	100.0%	\$35,660	29.4%	\$10,484	70.6%	\$25,176
10519	Miscellaneous CIP (Bandsaw)	\$10,000	100.0%	\$10,000	29.4%	\$2,940	70.6%	\$7,060
10520	SCADA System Communication Upgrades	\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10523	Rancho Las Virgenes: Ovation Upgrade	\$431,500	100.0%	\$431,500	29.4%	\$126,861	70.6%	\$304,639
Total: Sanitation Replacement				\$2,542,801		\$747,583		\$1,795,217
GRAND TOTAL				\$2,846,639		\$836,912		\$2,009,727

ITEM 4A

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
CAPITAL IMPROVEMENT PROJECTS
WORKING CAPITAL REQUIREMENT by FUND
FY 2013-14**

WORK ORDER NO.	PROJECT NAME / FUND	FY 2013-14 PROJECT REQUIREMENTS	% OF TOTAL PROJECT	FY 2013-14 ALLOCATED REQUIREMENTS	JOINT POWERS ALLOCATION			
					TSD SHARE		LVMWD SHARE	
					RATIO	AMOUNT	RATIO	AMOUNT
Recycled Water Conservation								
99927	Agoura Road Recycled Water Main - Ladyface to Cornell Road	\$655,000	100.0%	655,000	29.4%	192,570	70.6%	462,430
Total:	Recycled Water Conservation			655,000		192,570		462,430
Recycled Water Replacement								
10418	Rehabilitation of 18" RW Pipe (Tapia/Mulholland Highway)	\$164,005	100.0%	164,005	29.4%	48,217	70.6%	115,788
10516	Recycled Water Master Plan	\$17,737	100.0%	17,737	29.4%	5,215	70.6%	12,522
10534	Rancho Solar Project	\$36,150	100.0%	36,150	29.4%	10,628	70.6%	25,522
99926	Lost Hills Overpass Recycled Water Main Relocation	\$355,000	100.0%	355,000	29.4%	104,370	70.6%	250,630
Total:	Recycled Water Replacement			572,892		168,430		404,462
Sanitation Construction								
10487	Construct 3rd Digester at Rancho	\$6,046,689	20.0%	1,209,338	29.4%	355,545	70.6%	853,792
Total:	Sanitation Construction			1,209,338		355,545		853,792
Sanitation Replacement								
10446	Buffer Land at Rancho	\$250,000	100.0%	250,000	50.0%	125,000	50.0%	125,000
10457	Tapia Alternative Disinfection Improvements	\$364,576	100.0%	364,576	29.4%	107,185	70.6%	257,391
10487	Construct 3rd Digester at Rancho	\$6,046,689	80.0%	4,837,351	29.4%	1,422,181	70.6%	3,415,170
10512	Tapia: Primary Tank Rehabilitation	\$685,000	100.0%	685,000	29.4%	201,390	70.6%	483,610
10513	Tapia Gate and Drive Replacement	\$342,000	100.0%	342,000	29.4%	100,548	70.6%	241,452
10515	Sanitation Master Plan Update	\$26,840	100.0%	26,840	29.4%	7,891	70.6%	18,949
10520	SCADA System Communication Upgrades	\$93,100	100.0%	93,100	29.4%	27,371	70.6%	65,729
99905	Raw Sludge Wet Well Mixing Improvements	\$100,000	100.0%	100,000	29.4%	29,400	70.6%	70,600

ITEM 4A

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
CAPITAL IMPROVEMENT PROJECTS
WORKING CAPITAL REQUIREMENT by FUND
FY 2013-14**

WORK ORDER NO.	PROJECT NAME / FUND	FY 2013-14 PROJECT REQUIREMENTS	% OF TOTAL PROJECT	FY 2013-14 ALLOCATED REQUIREMENTS	JOINT POWERS ALLOCATION			
					TSD SHARE		LVMWD SHARE	
					RATIO	AMOUNT	RATIO	AMOUNT
99914	Tapia Channel Mixing Improvements	\$454,000	100.0%	454,000	29.4%	133,476	70.6%	320,524
99931	Centrate Tank Cathodic Protection (CP) System Replacement	\$110,000	100.0%	110,000	29.4%	32,340	70.6%	77,660
99935	Tapia Roof Replacement	\$25,000	100.0%	25,000	29.4%	7,350	70.6%	17,650
99936	Rancho Agitator Control Upgrade	\$14,000	100.0%	14,000	29.4%	4,116	70.6%	9,884
99937	Rancho Reactor Room Door Replacement	\$20,000	100.0%	20,000	29.4%	5,880	70.6%	14,120
99938	Centrate System - New Pump Impellers	\$35,000	100.0%	35,000	29.4%	10,290	70.6%	24,710
Total: Sanitation Replacement				7,356,867		2,214,419		5,142,448
GRAND TOTAL				9,794,097		2,930,965		6,863,132

ITEM 4A

Las Virgenes - Triunfo Joint Powers Authority

Working Capital Requirements

Capital Improvement Projects

FY12-13 and FY13-14

Job #	Title	Approved Appropriations	Prior Expenditures	Estimated Expenditures FY12-13	Projected Carryover July 1, 2013	FY13-14 Appropriations	FY13-14 Working Capital Requirement
10257	Combined Heat and Power (CHP) Project	\$280,000	\$195,423	\$12,077	\$0	\$0	\$0
10387	Rancho Material Handling Improvements	\$116,000	\$13,340	\$1,068	\$0	\$0	\$0
10391	Rancho Las Virgenes: Compost Reactor Building Roof Repair	\$556,030	\$506,559	\$13,403	\$0	\$0	\$0
10418	Rehabilitation of 18" RW Pipe (Tapia/Mulholland Highway)	\$185,000	\$1,548	\$69,447	\$114,005	\$50,000	\$114,005
10446	Buffer Land at Rancho	\$250,000	\$0	\$0	\$250,000	\$0	\$250,000
10448	Rancho Polymer Feed System Rehabilitation	\$121,000	\$6,936	\$49,403	\$0	\$0	\$0
10451	Tapia Gate and Drive Replacement	\$420,000	\$335,769	\$70,275	\$0	\$0	\$0
10453	Tapia and Rancho Vulnerability Assessment	\$50,000	\$0	\$0	\$0	\$0	\$0
10457	Tapia Alternative Disinfection Improvements	\$1,718,532	\$338,756	\$1,015,200	\$364,576	\$0	\$1,204,576
10462	Tapia: 20 and 24" Influent Force Main Upgrade	\$827,770	\$562,716	\$481,945	\$0	\$0	\$0
10487	Construct 3rd Digester at Rancho	\$6,841,790	\$276,031	\$519,070	\$6,046,689	\$0	\$9,596,689
10489	Rancho Digester Heating System Evaluation	\$0	\$0	\$0	\$0	\$0	\$0
10492	Groundwater Supplement Study - Recycled Water	\$25,000	\$0	\$0	\$0	\$0	\$0
10493	Tapia: Sludge Screening	\$385,000	\$0	\$0	\$0	\$0	\$0
10499	Tapia Grit Cyclone Conveyor System	\$150,000	\$0	\$0	\$0	\$0	\$0
10502	Rancho Miscellaneous Equipment - FY 11-12	\$35,000	\$7,375	\$9,429	\$0	\$0	\$0
10512	Tapia: Primary Tank Rehabilitation	\$343,000	\$0	\$0	\$343,000	\$342,000	\$686,000
10513	Tapia Gate and Drive Replacement	\$160,000	\$0	\$0	\$160,000	\$182,000	\$320,000
10515	Sanitation Master Plan Update	\$62,500	\$0	\$35,660	\$26,840	\$0	\$89,340
10516	Recycled Water Master Plan	\$62,500	\$0	\$44,763	\$17,737	\$0	\$80,237
10519	Miscellaneous CIP (Bandsaw)	\$10,000	\$0	\$10,000	\$0	\$0	\$0
							ITEM 4A \$0

Las Virgenes - Triunfo Joint Powers Authority

Working Capital Requirements

Capital Improvement Projects

FY12-13 and FY13-14

Job #	Title	Approved Appropriations	Prior Expenditures	Estimated Expenditures FY12-13	Projected Carryover July 1, 2013	FY13-14 Appropriations	FY13-14 Working Capital Requirement
10520	SCADA System Communication Upgrades	\$46,550	\$0	\$0	\$46,550	\$46,550	\$93,100
10522	Reservoir #2 Improvements (Lining Cover)	\$50,000	\$0	\$49,549	\$0	\$0	\$0
10523	Rancho Las Virgenes: Ovation Upgrade	\$750,000	\$0	\$431,500	\$0	\$0	\$0
10534	Rancho Solar Project	\$50,000	\$0	\$33,850	\$16,150	\$20,000	\$16,150
99905	Raw Sludge Wet Well Mixing Improvements	\$0	\$0	\$0	\$0	\$100,000	\$0
99914	Tapia Channel Mixing Improvements	\$0	\$0	\$0	\$0	\$454,000	\$0
99926	Lost Hills Overpass Recycled Water Main Relocation	\$0	\$0	\$0	\$0	\$355,000	\$0
99927	Agoura Road Recycled Water Main - Ladyface to Cornell Road	\$0	\$0	\$0	\$0	\$655,000	\$0
99931	Centrate Tank Cathodic Protection (CP) System Replacement	\$0	\$0	\$0	\$0	\$110,000	\$0
99935	Tapia Roof Replacement	\$0	\$0	\$0	\$0	\$25,000	\$0
99936	Rancho Agitator Control Upgrade	\$0	\$0	\$0	\$0	\$14,000	\$0
99937	Rancho Reactor Room Door Replacement	\$0	\$0	\$0	\$0	\$20,000	\$0
99938	Centrate System - New Pump Impellers	\$0	\$0	\$0	\$0	\$35,000	\$0
Total CIP Budget		\$13,495,672	\$2,244,453	\$2,846,639	\$7,385,547	\$2,408,550	\$9,794,097

ITEM 4A



ITEM 4A

EXHIBIT 2 - RECYCLED WATER SYSTEM NET REVENUE ANALYSIS - SALES PROPORTIONATE TO CAPACITY RIGHTS

	Scenario C \$398.71 Per Acre Foot Wholesale Rate				Scenario D \$454.78 Per Acre Foot Wholesale Rate				Delta - Scenario C to D			
	JPA 6,390 AF	LVMWD 4,511 AF 71%	TSD 1,879 AF 29%	CMWD	JPA 6,390 AF	LVMWD 4,511 AF 71%	TSD 1,879 AF 29%	CMWD	LVMWD	TSD	CMWD	Total
Transaction 1: JPA Wholesale to TSD/LVMWD												
1 Recycled Water For Delivery (AF)												
2 Acre Feet Delivered												
3 JPA Participant Share of Water Sold (%)												
4 Wholesale RW Price	\$ 398.71	\$ 454.78	\$ 1,879 AF	\$ 740,549	\$ 2,874,913	\$ 2,029,689	\$ 845,225	\$ 251,364	\$ 104,676	\$ 356,040		
5 JPA WS RW Sales	\$ 2,518,873											
6 Participant Share of JPA WS RW Sales - Net												
7 JPA Participant Share of WS RW Sale Revenue												
8 Equivalent Wholesale RW Rate	\$ 394	\$ 450		\$ 394	\$ 450							
Transaction 2: TSD Surcharge to CMWD												
9 RW Purchased from JPA (AF)												
10 JPA Wholesale Rate												
11 TSD Cost of wholesale RW Purchased												
12 RW Sales to CMWD (AF)												
13 TSD Surcharge Rate (JPA Wholesale X 1.05)												
14 TSD Sales to CMWD - Gross												
15 TSD Surcharge - Net												
Transaction 3: CMWD Sale of RW to TSD & Other VC Agencies												
16 Calleguas Sales to Ventura County Agencies (AF)												
17 Calleguas Recycled Water Sale Price (\$/AF)												
18 CMWD Total Recycled Water Sales (\$)												
19 Unit Cost of Water Sold - From Line 13 (\$/AF)												
20 Cost of Water Sold - Total												
21 CMWD Recycled Water Sales - Net												
Transaction 4: Retail RW Sales												
22 Agency Retail RW Sales - Acre Feet												
23 Agency Retail Price (\$/AF)												
24 Agency Retail Sales - Gross												
25 Wholesale Recycled Water Purchased - Acre Feet												
26 Unit Cost of Recycled Water Purchased (\$/AF)												
27 Cost of Recycled Water Sold												
28 Agency Retail RW Sales - Net												
Summary 1												
Total of All Transactions (net)												
Total from All Transactions - Retail Sales (\$/AF)	\$ 4,529,963	\$ 1,281,768	\$ 834	\$ 894,832	\$ 4,530,615	\$ 1,391,710	\$ 784,238	\$ 652	\$ 109,942	\$ (110,594)	\$ 0	
Summary 2												
JPA Partner Share (net JPA expense)	\$ 2,751,639	\$ 541,219	\$ 352		\$ 2,500,926	\$ 546,485						
JPA Partner Share - \$/AF (net JPA expense)	\$ 610	\$ 352			\$ 554	\$ 356						
Summary 3												
Net Revenue by County (excluding O&M/Capital)	\$ 4,529,963	\$ 2,176,599	\$ 2,176,599		\$ 4,530,615	\$ 2,175,948						
\$/AF Equivalent by County	\$ 1,005	\$ 785	\$ 785		\$ 1,005	\$ 785						
Revenue by County (%)	68%	32%	32%		68%	32%						
Summary 4												
Total System Net Revenue (excluding O&M/Capital)												

E-2

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

5:00 PM

April 1, 2013

PLEDGE OF ALLEGIANCE

At the request of Chair McReynolds, the Pledge of Allegiance to the Flag was led by Director Paule.

1. CALL TO ORDER AND ROLL CALL**A** Call to order and roll call

The meeting was called to order at 5:01 p.m. by Chair McReynolds in the Las Virgenes Municipal Water District offices. Clerk of the Board Conklin called the roll. Those answering present were Directors Caspary, Iceland, McReynolds, Paule, Peterson, Polan, Renger, Steinhardt and Wall. Directors absent: Orkney.

2. APPROVAL OF AGENDA**A** Approval of agenda

On a motion by Director Michael McReynolds, seconded by Director Charles Caspary, the Board of Directors voted 9-0 -1 to Approve the JPA Regular Board Meeting agenda of April 1, 2013, as presented.

AYES: Director(s) Caspary , Iceland , McReynolds , Paule , Peterson , Polan , Renger , Steinhardt , Wall

ABSENT: Director(s) Orkney

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

No speaker cards were received from the public.

4. CONSENT CALENDAR

On a motion by Director Charles Caspary, seconded by Director Steven Iceland, the Board of Directors voted 9-0 -1 to Approve the recommendation as presented.

AYES: Director(s) Caspary , Iceland , McReynolds , Paule , Peterson , Polan , Renger , Steinhardt , Wall

ABSENT: Director(s) Orkney

A Minutes: Regular Meeting of March 4, 2013 **Approve**

ITEM 5A

5. ACTION ITEMS

A Solar Generation Project

Certify the Initial Study and Mitigated Negative Declaration for the Solar Generation Project; authorize staff to file a Notice of Determination with the County Clerk; and authorize the General Manager to execute the Solar Power Purchase and Performance Guarantee Agreements with SolarCity Corporation, subject to non-substantive changes.

Principal Engineer Zhao made a presentation entitled "Solar Energy Generation for Recycled Water Pump Station", discussing a summary of background information, project scope, CEQA study, Power Purchase Agreement (PPA) terms, schedule; and responded to questions.

A summary of JPA Board comments and staff responses included: public comments in regards to CEQA (Las Virgenes Unified School District (LVUSD): (1) traffic during school drop-off and pick-up (construction traffic will use Lost Hills Road); City of Calabasas: ((1) trees near the solar site preserve ridgeline view and block solar panels from Las Virgenes Road (work with City staff on a landscape plan), (2) additional discussion of impact to Wildlife Corridor (no impact due to non-fenced project and gravel ground cover), (3) add an elevation profile (elevation profile added)), Los Angeles County Public Works: (1) additional stormwater runoff (no concerns due to permeable gravel ground cover)); penalties if project is not up and running within 365 days (no monetary amount is listed in the PPA); loss of grant money (Legal Counsel Lemieux: unsure); negotiations after 365 days (PPA covers "true up period"; Kevin Ross, SolarCity Project Development Manager - Water Sector stated in regards to completion of the project worse case to JPA if project is not built, the JPA has the right to terminate the PPA, California Solar Initiative (CSI) can be extended for funding, unless Congress extends it, the federal tax credit is in place until 2016; Legal Counsel Lemieux stated the JPA does not pay taxes); pumping/energy won't be continuous (net metering with Southern California Edison (SCE), electricity has different values at different times of the day); transmission line (SolarCity pays/maintains); landscaping (JPA); other JPA costs (none); current rate paid to SCE (13 cents per kWh); at 10.5 cents there is already a cost savings, are we obligated to buy all of the energy generated (yes); pumping hours (average of 3 hours every 24 hours, but depends on the time of year); what about security (same as now for JPA; Kevin Ross stated SolarCity carries property and liability insurance); CEQA study, 30-days for public review/comment, check on houses located on the top of the hill in Agoura behind Liberty (believes this is the Patrick Henry tract and will check); runoff (upper field was designed for injection, so runoff will go into the catch basin); were City of Calabasas and LVUSD satisfied with the findings (yes, we worked with the City's Planners on the project); landscape (staff will probably be used to design and a contractor will be hired to install); is there a privacy issue in regards to addresses on the MND Notification List (Triunfo Legal Counsel Mathews stated "no" as this is a notification requirement).

On a motion by Director Lee Renger, seconded by Director Leonard Polan, the Board of Directors voted 9-0 -1 to Approve the recommendations as presented.

AYES: Director(s) Caspary , Iceland , McReynolds , Paule , Peterson , Polan , Renger , Steinhardt , Wall

ABSENT: Director(s) Orkney

B JPA Infrastructure Investment Plan, Fiscal Year 2013-2014 through 2016-2017

Receive and file the Fiscal Years 2013-2014 through 2016-2017 JPA Infrastructure Investment Plan.

A summary of JPA Board comments and staff responses included: information on 5,000 foot extension on Agoura Road (City of Agoura Hills completed design of road widening at

Ladyface by City Hall section from Ladyface Circle to Cornell Road), is pipe under the road (pipe will be suspended under the pedestrian walkway); on various recycled water extensions, all are in Las Virgenes' service area (golf course is in Woodland Hills, the others in Agoura are all Las Virgenes customers), needs to see impact on Triunfo Sanitation District (gap project was included in 2007, funding and effect on Triunfo will be discussed in May); feed goes to Agoura High School too (yes); time-line at bridge (City of Calabasas/Caltrans); land buffer at Rancho (Las Virgenes has not been able to come to terms with the property owner).

On a motion by Director Charles Caspary, seconded by Director Leonard Polan, the Board of Directors voted 9-0 -1 to Approve the recommendation as presented.

AYES: Director(s) Caspary , Iceland , McReynolds , Paule , Peterson , Polan , Renger , Steinhardt , Wall

ABSENT: Director(s) Orkney

C Heal the Bay's "Bring Back the Beach" Event - Director Attendance

Determine whether or not to participate in Heal the Bay's "Bringing Back the Beach" event, and if participation is approved, designate one Director from each agency to attend the event at a cost of \$500.00 per person.

A summary of JPA Board comments included: do not buy tickets or attend; due to upcoming outreach, feels attendance could foster a relationship with Heal the Bay; JPA Board should foster a relationship with Heal the Bay Board in regards to long term thinking; appreciates relationship comments, but Heal the Bay has cost the JPA ratepayers money; send two people to event including the Administering Agent/General Manager; Heal the Bay treated a staff person poorly at the 2011 symposium, agrees there needs to be an open dialogue, but not at this event; being there won't make a difference; believes event is worthwhile.

At the request of Chair McReynolds, a roll call vote of Directors against purchasing two tickets was taken by Clerk of the Board Conklin (voting for/against is determined by a majority of Las Virgenes Board Members and a majority of Triunfo Board Members).

Paule: Yes; McReynolds: No; Steinhardt: Yes; Caspary: No; Iceland: No; Peterson: No; Wall: No; Polan: Yes; Renger: Yes; Orkney: Absent. Las Virgenes Board: Yes: 3 and No: 2. Triunfo Board: Yes: 1, No: 3 and Absent: 1.

The motion failed (Las Virgenes' majority vote was against purchasing tickets and Triunfo's majority vote was for purchasing tickets).

Director Iceland made a motion to send the Chair of each Board, or their designee to the Heal the Bay Bring Back the Beach event.

On a motion by Director Steven Iceland, seconded by Director Charles Caspary, the Board of Directors voted 6-3 -1 to Authorize the purchase of two tickets at a total cost of \$1,000 to the Heal the Bay - Bring Back the Beach event, to be attended by the Chairs of Las Virgenes Municipal Water District and Triunfo Sanitation District, or their designees.

At the request of Chair McReynolds, a roll call vote was taken by Clerk of the Board Conklin. Paule: No; McReynolds: Yes; Steinhardt: No; Caspary: Yes; Iceland: Yes; Peterson: Yes; Wall: Yes; Polan: No; Renger: Yes; Orkney: Absent. Las Virgenes Board: Yes: 3 and No: 2. Triunfo Board: No: 1, Yes: 3 and Absent: 1.

The motion passed (Las Virgenes' majority vote was in favor of purchasing tickets and Triunfo's majority vote was in favor of purchasing tickets).

AYES: Director(s) Caspary , Iceland , McReynolds , Peterson , Renger , Wall ITEM 5A

NOES: Director(s) Paule , Polan , Steinhardt
ABSENT: Director(s) Orkney

6. BOARD COMMENTS

None.

7. FUTURE AGENDA ITEMS

None.

8. INFORMATION ITEMS

A Call for Bids: Supply and Delivery of Ammonium Hydroxide

B Administering Agent/General Manager Follow-Up Items

Administering Agent/General Manager Pedersen reviewed the listing of follow-up items and reminded the JPA Board of the upcoming watershed tour of April 13th.

C Los Angeles County Clean Water, Clean Beaches Measure - Update

Director Paule inquired as to current form of the measure (Administering Agent/General Manager Pedersen stated Los Angeles County is working with the Los Angeles Regional Water Quality Control Board on a public outreach and education program, this may be a ballot measure in June 2014 or November 2014, which would require a two-thirds vote; future of the measure is uncertain, quarterly updates will be provided to the JPA Board).

D State Water Resources Control Board Appointments - Support

Director Peterson stated he would have liked a letter of support to be issued for Dorene D'Adamo (Administering Agent/General Manager Pedersen stated the seats are appointed by Governor Brown and are likely to become final).

9. CLOSED SESSION

The meeting convened into Closed Session at 6:15 p.m.

A Conference with District Counsel - Existing Litigation:

1. Heal the Bay, Inc. v. Lisa P. Jackson

B Conference with District Counsel - Potential Litigation (Government Code Section 54956.9): One Case

1. In the opinion of District Counsel, disclosure of the identity of the litigant would be prejudicial to the district.

10. ADJOURNMENT

The meeting reconvened into Open Session at 6:17 p.m.

Legal Counsel Lemieux reported reply documents are expected to be received on April 3, 2013, in the matter of Heal the Bay, Inc. v. Lisa P. Jackson.

Chair McReynolds declared the meeting adjourned at 6:18 p.m.

Michael McReynolds, Chair

ATTEST:

Charles Caspary, Vice Chair

MINUTES

SPECIAL MEETING OF THE LAS VIRGENES – TRIUNFO

JOINT POWERS AUTHORITY BOARD OF DIRECTORS

April 13, 2013

1. The Las Virgenes – Triunfo Joint Powers Authority Board of Directors met in Special Meeting at Las Virgenes Municipal Water District, 4232 Las Virgenes Road, in Calabasas, California, at 8:00 AM on Saturday, April 13, 2013.

Administering Agent/General Manager Pedersen called the meeting to order at 8:05 AM.

The Pledge of Allegiance to the Flag was led by Clerk of the Board Conklin.

Clerk of the Board Conklin called the roll. Those answering present were Directors Caspary, McReynolds, Peterson, Polan, Renger, and Steinhardt. Absent: Directors Iceland, Orkney, Paule and Wall.

A quorum was not required as the purpose of the Special Meeting was an educational tour, requiring no action on the part of the Joint Powers Authority Board of Directors.

No speaker cards were received from the public. Two members of the public attended the tour: Barry Hicks and Keli Kaye.

2. Malibu Creek Watershed Tour: Administering Agent/General Manager Pedersen, Director of Resource Conservation and Public Outreach Reyes, Resource Conservation Manager Orton, Public Affairs and Communications Manager Reinhardt and Environmental Analyst Dougall provided educational information in regards to headwaters of Las Virgenes Creek at the end of Las Virgenes Road (tributary creek site above most development, shows Monterey Formation); Las Virgenes Creek at Albertson's/Starbuck's on Agoura Road (creek restoration work, view Monterey Formation); Las Virgenes Creek at Lost Hills/Las Virgenes Roads at De Anza Park (storm drain to Las Virgenes Creek from Rancho Las Virgenes Farm central canyon, influence of Farm operation); R-1 at Salvation Army (Malibu Creek sample point upstream of Tapia Water Reclamation Facility (WRF) outfall 001); Outfall 001 at Tapia WRF (Tapia WRF discharge point to Malibu Creek); Malibu Lagoon (view Malibu Lagoon Restoration Project); R-4 at Serra Retreat in Malibu (Malibu Creek monitoring station at Cross Creek Road, discussed importance of fish habitat support during Tapia WRF releases); Malibu Canyon overlook (Rindge Dam and siltation behind it); R-13 Los Angeles County Gauging Station (flow measurement station for Malibu Creek); and Rancho Las Virgenes Farm North Canyon (Farm operation and location of solar project).

3. Adjournment: Clerk of the Board Conklin declared the Las Virgenes – Triunfo Joint Powers Authority Special Meeting: Malibu Creek Watershed Tour adjourned at 11:47 AM.

Michael McReynolds, Chair

ATTEST:

Charles Caspary, Vice Chair

May 6, 2013 JPA Board Meeting

TO: JPA Board of Directors

FROM: Finance & Administration

Subject: Joint Powers Authority Quarterly Financial Report at March 31, 2013

SUMMARY:

Operating expenses for the current fiscal year are \$450,922 (4.2%) more than last year, as anticipated, but \$490,826 less than the amount anticipated in the budget. As of March 31, 2013, 72.1% of budgeted operating expenses were spent. This means that overall expenses at year end should be within the adopted budget amount, since there are three months left plus some room in the budget for year-end accruals.

Operating revenue is higher than budgeted due to increased sale of recycled water sold as well as the recycled water rate increase for Fiscal Year 2012-13. The JPA has received 82.6% of the revenue budgeted for the fiscal year and the continuing dry weather will likely produce year-end operating revenue exceeding budget expectations.

Capital project expenses are less than the same time last year because there is less construction activity in the current fiscal year.

RECOMMENDATION(S):

Receive and file.

Prepared By: Sandra Hicks, Director of Finance & Administration and Joseph Lillio, Finance Manager

ATTACHMENTS:

[3Q Financial Review](#)



Joint Powers Authority Third Quarter Financial Review

FY12-13 Year to Date at March 31

	FY11-12 Actual YTD	FY12-13 Budget YTD	FY12-13 Actual YTD
Net Uses of Fund	\$9,742,410	\$19,502,008	\$11,266,816
LV Share	\$6,656,210	\$13,603,576	\$7,842,152
TSD Share	\$3,086,200	\$5,898,432	\$3,424,664

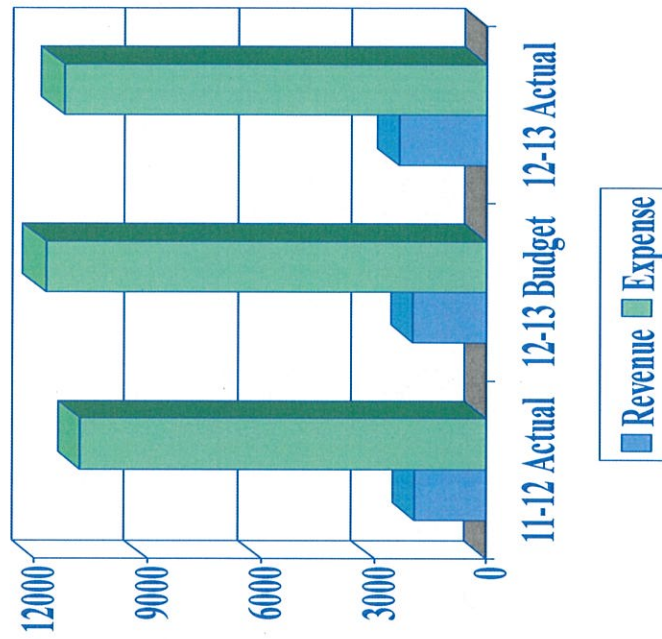
FR3Q12-1

Joint Powers Authority Operations

Third Quarter

	FY 11-12 Actual	FY 12-13 Budget	FY 12-13 Actual
	YTD	YTD	YTD
Total Operating Revenues	\$ 1,908,298	\$ 1,968,884	\$ 2,324,039
RW Pump Station	983,044	1,119,785	848,502
RW Tanks & Reservoirs	56,867	89,137	54,984
RW System Operations	25,123	39,636	31,483
RW Distribution	42,095	63,549	72,304
Sewer	173,266	273,609	404,351
Waste Water Treatment	5,430,026	5,852,435	5,477,131
Composting	3,201,477	3,351,969	3,288,499
Injection and Centrate	210,660	192,746	312,809
Administration	648,487	729,927	731,904
Total Operating Expenses	10,771,045	11,712,793	11,221,967
Net Operating (Expenses)	\$ (8,862,747)	\$ (9,743,909)	\$ (8,897,928)

(in Thousands)



FR3Q12-2

Joint Powers Authority Operations
Quarterly Update - Comparison to Budget & Prior Year at March 31, 2013
FY 2012-13 Year to Date

	<u>FY 11-12 Actual YTD</u>	<u>FY 12-13 Budget YTD</u>	<u>FY 12-13 Actual YTD</u>
<u>Total Revenues</u>			
Operating Revenues	\$ 1,908,298	\$ 1,968,884	\$ 2,324,039
Other Revenues	17,411	24,000	19,323
Total Revenues	<u>1,925,709</u>	<u>1,992,884</u>	<u>2,343,362</u>
<u>Total Expenses</u>			
Operating Expenses	\$ 10,771,045	\$ 11,712,793	\$ 11,221,967
Capital Project Expenses	897,074	9,782,099	2,388,211
Total Expenses	<u>11,668,119</u>	<u>21,494,892</u>	<u>13,610,178</u>
Net (Uses) of Funds	<u>\$ (9,742,410)</u>	<u>\$ (19,502,008)</u>	<u>\$ (11,266,816)</u>
Las Virgenes Share	<u>(6,656,210)</u>	<u>(13,603,576)</u>	<u>(7,842,152)</u>
Triunfo Share	<u>(3,086,200)</u>	<u>(5,898,432)</u>	<u>(3,424,664)</u>

Joint Powers Authority Operations
Quarterly Update - Comparison to Budget & Prior Year at March 31, 2013
FY 2012-13 Year to Date

	<u>FY 11-12 Actual YTD</u>	<u>FY 12-13 Budget YTD</u>	<u>FY 12-13 Actual YTD</u>
<u>Las Virgenes Share:</u>			
<u>Total Revenues</u>			
Operating Revenues	\$ 1,347,258	\$ 1,390,032	\$ 1,640,772
Other Revenues	13,883	16,944	13,642
Total Revenues	<u>1,361,141</u>	<u>1,406,976</u>	<u>1,654,414</u>
<u>Total Expenses</u>			
Operating Expenses	\$ 7,384,017	\$ 8,104,391	\$ 7,810,489
Capital Project Expenses	633,334	6,906,161	1,686,077
Total Expenses	<u>8,017,351</u>	<u>15,010,552</u>	<u>9,496,566</u>
Net (Uses) of Funds - LV	<u>\$ (6,656,210)</u>	<u>\$ (13,603,576)</u>	<u>\$ (7,842,152)</u>
<u>Triunfo Share:</u>			
<u>Total Revenues</u>			
Operating Revenues	\$ 561,040	\$ 578,852	\$ 683,267
Other Revenues	3,528	7,056	5,681
Total Revenues	<u>564,568</u>	<u>585,908</u>	<u>688,948</u>
<u>Total Expenses</u>			
Operating Expenses	\$ 3,387,028	\$ 3,608,402	\$ 3,411,478
Capital Project Expenses	263,740	2,875,937	702,134
Total Expenses	<u>3,650,768</u>	<u>6,484,339</u>	<u>4,113,612</u>
Net (Uses) of Funds - TSD	<u>\$ (3,086,200)</u>	<u>\$ (5,898,432)</u>	<u>\$ (3,424,664)</u>
Total JPA Net (Uses) of Funds	<u>\$ (9,742,410)</u>	<u>\$ (19,502,008)</u>	<u>\$ (11,266,816)</u>

Joint Powers Authority Operations
Quarterly Update - Comparison to Budget & Prior Year at March 31, 2013
FY 2012-13 Year to Date

	<u>FY 11-12 Actual YTD</u>	<u>FY 12-13 Budget YTD</u>	<u>FY 12-13 Actual YTD</u>
Total Operating Revenues	\$ 1,908,298	\$ 1,968,884	\$ 2,324,039
RW Pump Station	983,044	1,119,785	848,502
RW Tanks & Reservoirs	56,867	89,137	54,984
RW System Operations	25,123	39,636	31,483
RW Distribution	42,095	63,549	72,304
Sewer	173,266	273,609	404,351
Waste Water Treatment	5,430,026	5,852,435	5,477,131
Composting	3,201,477	3,351,969	3,288,499
Farm Operation	210,660	192,746	312,809
Administration	648,487	729,927	731,904
Total Operating Expenses	<u>10,771,045</u>	<u>11,712,793</u>	<u>11,221,967</u>
Net Operating (Expenses)	<u>\$ (8,862,747)</u>	<u>\$ (9,743,909)</u>	<u>\$ (8,897,928)</u>

Las Virgenes - Triunfo Joint Powers Authority
Capital Improvement Project Status
March 31, 2013

Job # - Description	LV % TSD %	Prior Year Unexpended Appropriations	Current Year Working Capital Requirement	Current Year Expenditures	Contractual Commitments	Project Balance	LV Balance	TSD Balance
Completed Projects								
10257 - Combined Heat & Power (CHP)	70.6%	\$84,577	\$84,577	\$12,077	\$0	\$72,500	\$51,185	\$21,315
10391 - RLV:Compost Reactor Bldg Ceilg	70.6%	\$49,471	\$49,471	\$13,403	\$0	\$36,068	\$25,464	\$10,604
10451 - Tapia Gate & Drive Replacement	70.6%	(\$75,769)	\$244,231	\$70,275	\$0	\$173,956	\$122,813	\$51,143
10462 - Tapia: 20/24" Inflmt FrcMainUp	70.6%	\$230,284	\$265,054	\$478,022	\$3,923	(\$216,891)	(\$153,125)	(\$63,766)
Completed Projects		\$288,563	\$643,333	\$573,777	\$3,923	\$65,633	\$46,337	\$19,296
Projects on Hold								
10387 - Rancho Material Handling Imprv	70.6%	\$102,660	\$102,660	\$1,068	\$0	\$101,592	\$71,724	\$29,868
10448 - Rancho Polymer Feed System Re	70.6%	\$114,064	\$114,064	\$32,038	\$17,365	\$64,661	\$45,651	\$19,010
10453 - Tapia/Rancho Vulnerability Ass	70.6%	\$50,000	\$50,000	\$0	\$0	\$50,000	\$35,300	\$14,700
10492 - Groundwater Suplmtnt Study-RW	70.6%	\$25,000	\$25,000	\$0	\$0	\$25,000	\$17,650	\$7,350
10493 - Tapia: Sludge Screening	70.6%	\$385,000	\$385,000	\$0	\$0	\$385,000	\$271,810	\$113,190
10499 - Tapia Grit Cyclone ConveyorSys	70.6%	\$75,000	\$150,000	\$0	\$0	\$150,000	\$105,900	\$44,100
Projects on Hold		\$751,724	\$826,724	\$33,106	\$17,365	\$776,253	\$548,035	\$228,218
Projects to complete by June 30, 2013								
10457 - Tapia Altrmtv Disinfectn Study	70.6%	(\$28,756)	\$1,379,777	\$915,200	\$869,359	(\$404,782)	(\$285,776)	(\$119,006)
10502 - Rancho Misc Equipment- FY11-12	70.6%	\$27,625	\$27,625	\$9,429	\$0	\$18,196	\$12,846	\$5,350
10519 - Misc. CIP (Bandsaw)	70.6%	\$0	\$10,000	\$0	\$0	\$10,000	\$7,060	\$2,940
10522 - Rsvr #2 Imprvmtnt (Lining Cover	70.6%	\$0	\$50,000	\$11,273	\$38,276	\$451	\$318	\$133
10523 - Rancho LV:Ovation Upgrade	70.6%	\$0	\$750,000	\$431,500	\$280,000	\$38,500	\$27,181	\$11,319
Projects to complete by June 30, 2013		(\$1,131)	\$2,217,401	\$1,367,402	\$1,187,635	(\$337,636)	(\$238,371)	(\$99,265)

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ITEM 6A

Job # - Description LV % TSD % Prior Year Unexpended Appropriations Current Year Working Capital Requirement Current Year Expenditures Contractual Commitments Project Balance LV Balance TSD Balance

Job # - Description	LV %	TSD %	Prior Year Unexpended Appropriations	Current Year Working Capital Requirement	Current Year Expenditures	Contractual Commitments	Project Balance	LV Balance	TSD Balance
Multi-Year Projects									
10418 - Rehab 18" RW Pipe (Tapia/Mlhd)	70.6%	29.4%	\$153,452	\$183,452	\$51,447	\$176,994	(\$44,989)	(\$31,762)	(\$13,227)
10446 - Buffer Land at Rancho	70.6%	29.4%	\$250,000	\$250,000	\$0	\$0	\$250,000	\$176,500	\$73,500
10487 - Construct 3rd Digester @Rancho	70.6%	29.4%	\$188,969	\$6,565,759	\$319,070	\$6,372,208	(\$125,519)	(\$88,616)	(\$36,902)
10512 - Tapia: Primary Tank Rehab	70.6%	29.4%	\$0	\$343,000	\$0	\$0	\$343,000	\$242,158	\$100,842
10513 - Tapia Gate & Drive Rpl+FY12-13	70.6%	29.4%	\$0	\$160,000	\$0	\$0	\$160,000	\$112,960	\$47,040
10515 - Sanitation Master Plan Update	70.6%	29.4%	\$0	\$62,500	\$5,174	\$50,625	\$6,701	\$4,731	\$1,970
10516 - Recycled Water Master Plan	70.6%	29.4%	\$0	\$62,500	\$5,230	\$68,606	(\$11,336)	(\$8,003)	(\$3,333)
10520 - SCADA System Communicn Upgr	70.6%	29.4%	\$0	\$46,550	\$0	\$0	\$46,550	\$32,864	\$13,686
10534 - SOLAR ENERGY PROJECT	70.6%	29.4%	\$0	\$50,000	\$33,005	\$13,850	\$3,145	\$2,220	\$925

Multi-Year Projects \$592,421 \$7,723,762 \$413,926 \$6,682,283 \$627,553 \$443,052 \$184,500

Totals \$1,631,577 \$11,411,220 \$2,388,211 \$7,891,206 \$1,131,803 \$799,053 \$332,750

Totals: Las Virgenes MWD \$1,151,893 \$8,056,322 \$1,686,077 \$5,571,191 \$799,053 \$332,750

Totals: Triunfo Sanitation District \$479,684 \$3,354,899 \$702,134 \$2,320,015 \$332,750

FR3Q12-7

**Las Virgenes - Triunfo Joint Powers Authority
Capital Improvement Projects Working Capital
Fiscal Year 2012-13 - through March 31, 2013**

Job # - Description	LV %	TSD %	Working Capital Requirement			Expenditures			
			per Budget	Current Est	LV Share	TSD Share	Total	LV Exp	TSD Exp
10257 - Combined Heat & Power (CHP)	70.60%	29.40%	\$0	\$84,577	\$59,711	\$24,866	\$12,077	\$8,526	\$3,551
10387 - Rancho Material Handling Imprv	70.60%	29.40%	\$110,900	\$102,660	\$72,478	\$30,182	\$1,068	\$754	\$314
10391 - RLV:Compost Reactor Bldg Ceilg	70.60%	29.40%	\$0	\$49,471	\$34,927	\$14,545	\$13,403	\$9,463	\$3,940
10418 - Rehab 18" RW Pipe (Tapia/Mlhd)	70.60%	29.40%	\$185,000	\$183,452	\$129,517	\$53,935	\$51,447	\$36,322	\$15,125
10446 - Buffer Land at Rancho	70.60%	29.40%	\$250,000	\$250,000	\$176,500	\$73,500	\$0	\$0	\$0
10448 - Rancho Polymer Feed System Reh	70.60%	29.40%	\$114,064	\$114,064	\$80,529	\$33,535	\$32,038	\$22,619	\$9,419
10451 - Tapia Gate & Drive Replacement	70.60%	29.40%	\$245,065	\$244,231	\$172,427	\$71,804	\$70,275	\$49,614	\$20,661
10453 - Tapia/Rancho Vulnerability Ass	70.60%	29.40%	\$0	\$50,000	\$35,300	\$14,700	\$0	\$0	\$0
10457 - Tapia Altrmtv Disinfectn Study	70.60%	29.40%	\$823,755	\$1,379,777	\$974,122	\$405,654	\$915,200	\$646,131	\$269,069
10462 - Tapia: 20/24" Inflnt FrcMainUp	70.60%	29.40%	\$721,825	\$265,054	\$187,128	\$77,926	\$478,022	\$337,484	\$140,538
10487 - Construct 3rd Digester @Rancho	70.60%	29.40%	\$6,358,208	\$6,565,759	\$4,635,426	\$1,930,333	\$319,070	\$225,263	\$93,807
10492 - Groundwater Suplmtnt Study-RW	70.60%	29.40%	\$25,000	\$25,000	\$17,650	\$7,350	\$0	\$0	\$0
10493 - Tapia: Sludge Screening	70.60%	29.40%	\$0	\$385,000	\$271,810	\$113,190	\$0	\$0	\$0
10499 - Tapia Grit Cyclone ConveyorSys	70.60%	29.40%	\$150,000	\$150,000	\$105,900	\$44,100	\$0	\$0	\$0
10502 - Rancho Misc Equipment- FY11-12	70.60%	29.40%	\$0	\$27,625	\$19,503	\$8,122	\$9,429	\$6,657	\$2,772
10512 - Tapia: Primary Tank Rehab	70.60%	29.40%	\$343,000	\$343,000	\$242,158	\$100,842	\$0	\$0	\$0
10513 - Tapia Gate & Drive Rpl-FY12-13	70.60%	29.40%	\$160,000	\$160,000	\$112,960	\$47,040	\$0	\$0	\$0
10515 - Sanitation Master Plan Update	70.60%	29.40%	\$62,500	\$62,500	\$44,125	\$18,375	\$5,174	\$3,653	\$1,521
10516 - Recycled Water Master Plan	70.60%	29.40%	\$62,500	\$62,500	\$44,125	\$18,375	\$5,230	\$3,692	\$1,538
10519 - Misc. CIP (Bandsaw)	70.60%	29.40%	\$10,000	\$10,000	\$7,060	\$2,940	\$0	\$0	\$0
10520 - SCADA System Communicn Upgrd	70.60%	29.40%	\$46,550	\$46,550	\$32,864	\$13,686	\$0	\$0	\$0

FR 3Q 12-8

ITEM 6A

Job # - Description	LV %	TSD %	Working Capital Requirement			Expenditures			
			per Budget	Current Est	LV Share	TSD Share	Total	LV Exp	TSD Exp
10522 - Rsvr #2 Imprvmt (Lining Cover	70.60%	29.40%	\$50,000	\$50,000	\$35,300	\$14,700	\$11,273	\$7,959	\$3,314
10523 - Rancho LV:Ovation Upgrade	70.60%	29.40%	\$750,000	\$750,000	\$529,500	\$220,500	\$431,500	\$304,639	\$126,861
10534 - SOLAR ENERGY PROJECT	70.60%	29.40%	\$50,000	\$50,000	\$35,300	\$14,700	\$33,005	\$23,302	\$9,703
Totals			<u>\$10,518,367</u>	<u>\$11,411,220</u>	<u>\$8,056,322</u>	<u>\$3,354,899</u>	<u>\$2,388,211</u>	<u>\$1,686,077</u>	<u>\$702,134</u>

Footnotes

3 Unbudgeted Labor and General Administrative expenses = \$177,042

5 Appropriate additional \$568,532, approved by JPA Board of Directors, 7/2/2012, Item 5A. Unbudget Labor and General Administrative expenses = \$293,761

9 Appropriate additional \$34,770, approved by JPA Board of Directors, 1/5/2012, Item 5D.

11 Appropriate additional \$2,264,582, approved by JPA Board of Directors, 2/4/2013, Item 6E.

12 Appropriate additional \$30,000, approved by JPA Board of Directors, 2/4/2013, Item 6F.

13 Appropriate additional \$50,000, approved by JPA Board of Directors, 2/4/2013, Item 6G.

15 Appropriate additional \$562,208, approved by JPA Board of Directors, 3/4/2013, Item 6C.

FR3Q12-9

May 6, 2013 JPA Board Meeting

TO: JPA Board of Directors

FROM: Resource Conservation & Public Outreach

Subject: Proposed Legislative Policy Principles

SUMMARY:

During the course of state and federal legislative sessions, or when regulatory changes are under consideration, staff often submits written comments on matters of interest or concern to the JPA. Many of these communications are time-critical, especially as proposed legislation enters committee hearings, where changes to bills can occur quickly with approaching legislative deadlines.

To respond timely and ensure that the JPA's positions on the various issues are represented appropriately, staff proposes to utilize a set of parameters referred to as the Legislative Policy Principles to formulate its response and comments on proposed legislation within a broad policy framework approved by the JPA. Staff will seek approval from the JPA Board before commenting on items that are not covered by the Legislative Policy Principles.

The Legislative Policy Principles will be reviewed and updated from time-to-time, giving the Board an opportunity to review existing positions and approve any suggested edits. Attached for the Board's consideration are the proposed Legislative Policy Principles.

RECOMMENDATION(S):

Approve the draft Legislative Policy Principles.

FINANCIAL IMPACT:

None.

Prepared By: Jeff Reinhardt, Public Affairs & Communications Manager

ATTACHMENTS:

[Draft Legislative Policy Principles](#)

LAS VIRGENES – TRIUNFO JPA LEGISLATIVE POLICY PRINCIPLES

Proposed Draft 05/06/13

- **Biosolids:**
SUPPORT legislation and regulations that advance effective treatment and disposal of wastewater biosolids.
- **Climate Change:**
SUPPORT legislation that advances federal and state policy to provide incentive and financial assistance for local investment in measures to mitigate the potential effects of climate change
- **Conservation:**
SUPPORT legislation that provides resources for the expanded use of recycled water, encourages local agencies and private enterprises to implement water conservation and recycled water projects, and maintains or improves existing plumbing standards to allow for expanded use of recycled water.
- **Energy Management:**
SUPPORT legislation and energy policies that assist in providing cost-effective wastewater treatment, recycled water distribution and biosolids processing.

SUPPORT legislation that provides incentives for implementing renewable energy sources to replace fossil fuel consumption in providing products and services for the public.

OPPOSE energy legislation or regulations that will impair or inhibit the JPA from providing its core services.

- **Environmental Policy:**
SUPPORT legislation that serves to achieve and maintain a healthful environment and to enhance the quality of life for Californians, with due recognition for the challenges of providing wastewater treatment services within the JPA's unique and diverse service area.

SUPPORT legislation that advances the beneficial reuse of water and treated wastewater residuals.

OPPOSE legislation or regulations that mandate the construction of capital facilities for conditions that are not directly linked to JPA operations.

OPPOSE legislation or regulations that mandate the construction of capital facilities for processes that are not scientifically supported, experimental, or unproven.

SUPPORT legislation, regulations and/or research that would seek to control or eliminate threats posed by invasive species.

OPPOSE legislation and regulations not supported by sound scientific evidence.

SUPPORT legislation and regulations to incorporate evaluations of cost and available technology when developing regulatory standards.

- **Fiscal Policy:**
SUPPORT legislation that provides increased funding for the planning, design, and construction of water reclamation projects; research and development of alternative wastewater treatment processes; and financial assistance where federal and state law mandates capital projects to meet reasonable, scientifically-supported water quality standards.

SUPPORT legislation and/or regulatory policies that reflect opportunities for cost savings, consistent with the JPA's stated goals, policies and operating procedures.

SUPPORT legislation for direct funding, shared funding and grant funding for the study, design and/or construction of JPA infrastructure.

OPPOSE legislation that transfers funding, income or revenues away from the JPA.

OPPOSE legislation that would reduce or eliminate the existing tax incentives applicable to bonds or other debt instruments currently utilized by public agencies.

- **Recycled Water:**
SUPPORT legislation that encourages increased use of recycled water, including opportunities for direct and indirect potable reuse.

SUPPORT legislation that would allow, promote, or enhance recycled water delivery operations to meet changing conditions of water supply and demand.

- **Regulatory Streamlining:**
SUPPORT legislation that promotes simplification and/or consolidation of environmental planning and reporting requirements, without compromising the integrity of environmental protections.

- **Source Water Protection:**
SUPPORT legislation that provides funding to implement comprehensive watershed management programs necessary to protect water bodies in the JPA's watershed from contamination.

- **Watershed Management:**
SUPPORT the development of watershed management plans addressing all water resources management objectives, including source-water quality improvement, water supply reliability, flood protection, and ecosystem restoration.

- **Water Quality:**
SUPPORT legislation that provides resources for researching the potential effects of contaminants found in recycled water, wastewater, and biosolids residuals and developing associated treatment technologies.

OPPOSE legislation or regulations that mandate numeric and narrative water quality standards that bypass the established regulatory, scientific and public review processes, or which provides cleanup waivers for known contaminants.

SUPPORT legislation that would utilize sound science for developing water quality standards and provide appropriate funding for the investigation and treatment for constituents of concern.

May 6, 2013 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject: Responses to Questions Related to the EPA Benthic Macroinvertebrate TMDL

SUMMARY:

During the review of the proposed U.S. EPA Benthic Macroinvertebrate TMDL, several questions came up related to past investments for nutrient reduction, treatment plant performance, and the estimated cost for compliance with the proposed TMDL. Specifically the questions were:

1. What was the \$10,000,000 spent on for nutrient compliance?
2. How much money is spent each year on creek avoidance?
3. How did permit compliance impact sewer rates?
4. What can be done at Tapia to reduce nutrients using the existing process technology?
5. What would it take to achieve the proposed TMDL nutrient limits?

The attached memorandum provides the answers to these questions.

Prepared By: David R. Lippman, Director of Facilities & Operations

May 6, 2013 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject: Tapia Water Reclamation Facility: Lease of Recreation Land

SUMMARY:

In 2012, the JPA entered into an agreement that allowed the Salvation Army to use a portion of the JPA property at the Tapia Water Reclamation Facility for recreational purposes. The agreement (copy attached) was for an initial one-year term, expiring on June 5, 2013, with five (5) one-year renewals upon request from the Salvation Army. On April 4, 2013, the Salvation Army submitted a request (also attached) to exercise the first one-year renewal; staff proposes to grant the renewal as provided in the executed agreement.

The leased area is used as part of the Salvation Army's summer program for disadvantaged kids, which consists of supervised day-time activities for children of age 6 to 12 in June and July. The area is used for field games such as soccer and baseball. The children come from Salvation Army Youth Centers in Ventura and Los Angeles counties. The adult-to-child supervision ratio is 1:8.

The Salvation Army provides removable plastic fencing to designate the boundaries of the play area during the program. A locked gate is used to prevent access to the area when not in use. The lease allows for use of the area for emergency effluent disposal in the case of a plant upset. Also, the area can be used as a waste during the creek avoidance period, if necessary. The Salvation Army will provide the appropriate insurance coverage and will name the JPA as an additional insured party on that policy.

Prepared By: Brett Dingman, Water Reclamation Manager

ATTACHMENTS:

[2012 Salvation Army Agreement](#)

[SA Insurance 2013](#)

[SA Request 2013](#)

**LAS VIRGENES MUNICIPAL WATER DISTRICT
TAPIA WATER RECLAMATION FACILITY
LEASE OF RECREATION LAND**

As of JUNE 4, 2012, LAS VIRGENES MUNICIPAL WATER DISTRICT, hereinafter "District", and THE SALVATION ARMY, A California Corporation, agree as follows:

SECTION 1. DESCRIPTION OF PREMISES

District leases to The Salvation Army and The Salvation Army leases from District approximately 3/4 (three-quarters) of an acre of unimproved land in Los Angeles County more particularly described on Exhibit "A" attached hereto and hereby incorporated by reference.

SECTION 2. TERM

The term of this lease shall be for one year, commencing on June 5, 2012, and may renew for up to five (5) additional one-year terms if The Salvation Army provides District written notice of intent to renew at least 60 days prior to the end of the then current term. If the premises are needed for District uses, this lease may be terminated by the District upon at least 90 days prior to the commencement of summer activities by written notice. The Salvation Army may terminate this lease on 30 days prior written notice.

SECTION 3. RENT

As consideration for this lease, The Salvation Army shall pay \$1.00 for consideration and maintain the premises as set forth herein and use the site for recreation activities by children.

SECTION 4. USE

The premises shall be used for the purpose of supervised recreation of children at The Salvation Army. District may use portions of the premises to operate and maintain roads for access to wastewater treatment facilities adjacent to the premises.

In the event of a process failure at the Tapia Water Reclamation Facility, District may require The Salvation Army to vacate the premises and District may use the premises to dispose of sewage or reclaimed water by means of spray irrigation.

If necessary to satisfy regulatory requirements, the District may use the site as a reclaimed water disposal spray field from April 15th through November 15th.

The Salvation Army shall permit District, and District's agents and assigns, at reasonable times, to enter the premises, and to use the roads established on the premises now or in the future for the purpose of inspection, compliance with the terms of this lease, exercise of all rights under this lease, posting notices, and all other lawful purposes. The Salvation Army shall supply District, and its agents and assigns, with keys and other instruments necessary to effect entry on the premises from The Salvation Army property, if so required.

Oak tree protection is very important. District shall stake off an area around any oak trees and The Salvation Army shall not park vehicles, disc, plow, or otherwise disturb the area under the oak tree dripline.

SECTION 5. CONDITION OF PREMISES

District makes no warranty of the site's suitability for children's activities or the condition of the soils or geology for the site, which consists of fill resulting from past blasting activities.

The Salvation Army accepts the premises in its present condition. On termination, The Salvation Army shall surrender the premises in the same condition as when received, reasonable wear and tear excepted. The Salvation Army shall remove its personal property from the premises.

SECTION 6. UTILITIES

District currently serves reclaimed water to The Salvation Army via an existing meter. Plumbing from this existing service to the land described on Exhibit "A" is the responsibility of The Salvation Army. No other utilities will be supplied by District.

SECTION 7. WASTE

The Salvation Army shall not commit or permit others to commit on the premises waste or a nuisance or any other act that could disturb the quiet enjoyment of District, its neighbors or other tenancy of District on reserved or adjacent property.

SECTION 8. ALTERATIONS

The Salvation Army shall provide removable fencing as shown on Exhibit "A". The Salvation Army employees shall supervise children activities and ensure activities are conducted within the fenced area. The Salvation Army shall not make or permit other alterations without first obtaining District's consent.

SECTION 9. INSURANCE, LIABILITY AND INDEMNITY

- A. The Salvation Army shall provide and maintain the following commercial general liability and automobile insurance:
- (a) Coverage – Coverage for commercial general liability and automobile liability insurance shall be at least as broad as the following:
 - (1) Insurance services Office Commercial General Liability Coverage (Occurrence form CG 0001)
 - (2) Insurance Services Office Automobile Liability Coverage (Form CA0001), covering Symbol 1 (any auto)
 - (b) Limits – The Salvation Army shall maintain limits no less than the following:
 - (1) General Liability – One million dollars (\$1,000,000) per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit or products-completed operations aggregate limit is used, either the general aggregate limit shall apply separately to the premises (with the ISO CG 2503 or ISO CG 2504 or insurer's

endorsement provided to District) or the general aggregate limit and products-completed operations aggregate limit shall be twice the required occurrence limit.

- (2) Automobile Liability – One million dollars (\$1,000,000) for bodily injury and property damage each accident limit.
- (c) Required provisions – The general Liability and automobile policies are to contain, or be endorsed to contain the following provisions:
- (1) The District, Triunfo Sanitation District, the Las Virgenes Triunfo Joint Powers Authority, its directors, officers, employees, or authorized volunteers are to be given insured status (via ISO endorsement CG 2040, CG 2033 or insurer's equivalent for general liability coverage) as respects: liability arising out of activities performed by or on behalf of The Salvation Army; products and completed operations of The Salvation Army; premises owned, occupied or used by The Salvation Army; or automobiles owned, leased, hired, or borrowed by The Salvation Army. The coverage shall contain no special limitations on the scope of protection afforded to District, Triunfo Sanitation District, the Las Virgenes Triunfo Joint Powers Authority, its directors, officers, employees, or authorized volunteers.
 - (2) For any claims related to this lease, The Salvation Army's insurance shall be primary insurance as respects the District, Triunfo Sanitation District, the Las Virgenes Triunfo Joint Powers Authority, its directors, officers, employees, or authorized volunteers. Any insurance, self-insurance or other coverage maintained by the District, Triunfo Sanitation District, the Las Virgenes Triunfo Joint Powers Authority its directors, officers, employees or authorized volunteers shall not contribute to it.
- B. The Salvation Army shall notify volunteers and employees the premises may be irrigated with non-potable reclaimed water. The Salvation Army shall train volunteers and employees in the safe use of reclaimed water. If desired by The Salvation Army, District staff shall perform such training at a mutually acceptable time at no cost to The Salvation Army.
- The Salvation Army and subcontractors shall insure (or be qualified as self-insured) under the applicable laws relating to worker's compensation insurance, all of their employees and volunteers working on or about the premises in accordance with the "Workers Compensation and Insurance Act", Division IV of the Labor Code of the State of California and any Acts amendatory thereof. The Salvation Army shall provide employer's liability insurance in the amount of at least \$1,000,000 per accident for bodily injury and disease.
- C. The Salvation Army shall defend, indemnify and hold harmless the District, Triunfo Sanitation District, Las Virgenes Triunfo Joint Powers Authority it's officers, employees, and agents free and harmless from costs, liability of damages, including attorneys fees, arising out of any act or omission to act including any negligent act or omission to act by The Salvation Army, its officers, employees, agents and volunteers in connection with the use of the premises.

SECTION 10. ASSIGNMENT AND SUBLETTING

The Salvation Army shall not assign this lease or any rights under it and shall not sublet the entire or any part of the premises or allow any person to occupy or use the entire or any portion of premises without first obtaining District's written consent which may be withheld in the District's sole discretion.

SECTION 11. NOTICES

Any and all notices relating to this Lease shall be deemed given when personally delivered or personally deposited in the U.S. Mail, postage prepaid to the addresses set forth herein.


THE SALVATION ARMY
~~900 W James Wood Blvd~~ 180 E. Ocean Blvd.
Los Angeles, CA 90015 Long Beach, CA, 90802
Attention: Tim Pacillas
Telephone Number: 818-222-6327

LAS VIRGENES MUNICIPAL WATER DISTRICT
4232 Las Virgenes Road
Calabasas, CA 91302
Attention: Brett Dingman
Telephone Number: 818-251-2330

THE SALVATION ARMY,
A CALIFORNIA CORPORATION



James M. Knaggs
President

<p>THE SALVATION ARMY SOUTHERN CALIFORNIA DIVISION FINANCE COUNCIL</p>	
<p>MAY 9 2012</p>	
<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Recommended <input type="checkbox"/> Reviewed/Noted By 	<input type="checkbox"/> Not Approved <input type="checkbox"/> Concept Approval <input type="checkbox"/> Deferred

LAS VIRGENES MUNICIPAL WATER DISTRICT


John R Mundy, General Manager

APPROVED AS TO FORM:


District Counsel



ADDITIONAL REMARKS SCHEDULE

AGENCY Willis Insurance Services of California, Inc.		NAMED INSURED The Salvation Army - Division 11 180 East Ocean Blvd. Long Beach, CA 90802	
POLICY NUMBER See First Page		EFFECTIVE DATE: See First Page	
CARRIER See First Page	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
 FORM NUMBER: 25 FORM TITLE: CERTIFICATE OF LIABILITY INSURANCE

Where required by written contract Las Virgenes Municipal Water District, Triunfo Sanitation District, the Las Virgenes Triunfo Joint Powers Authority, its directors, officers, employees, or authorized volunteers are named as Additional Insureds as respects the operations of the Named Insured indicated herein.

ITEM 9B

DEPARTMENT OF MOTOR VEHICLES

P. O. BOX 942884
SACRAMENTO, CA 94284-0884
(916) 657-6520



July 13, 2012

S.I. # 202

The Salvation Army
180 E. Ocean Blvd.
Long Beach, CA 90802
Attention: William Harfoot

Dear Mr. Harfoot,

Your annual report/financial statements have been reviewed and the requirements for renewal of your self-insurance certificate have been met. Your self-insurance status is valid from August 19, 2012, through August 18, 2013.

Vehicle Code Section 16020 requires that every driver and every owner shall at all times be able to establish financial responsibility and shall at all times carry in the vehicle evidence of the form of financial responsibility in effect for the vehicle. A copy of your Certificate of Self-Insurance or a copy of this letter constitutes written evidence of financial responsibility and should be placed in each of your affected vehicles.

If you have any questions or need further information, please call the administrative staff at (916) 657-6520.

Sincerely,

A handwritten signature in black ink, appearing to read "Nadine Pizzimenti".

NADINE PIZZIMENTI, Support Manager
Financial Responsibility Unit

ITEM 9B



CERTIFICATE OF SELF-INSURANCE

This is to certify that:

The Salvation Army

NAME OF SELF-INSURER

180 East Ocean Boulevard, Long Beach, California 90802

ADDRESS, CITY, STATE, ZIP

has been approved as a Self-Insurer under the California Compulsory Financial Responsibility

Law and assigned Self-Insurance # 202 pursuant to Section 16053 of the *California*

Vehicle Code for the period August 19, 2012 through August 18, 2013.

MANAGER

Financial Responsibility Unit
Department of Motor Vehicles

DEPARTMENT OF INDUSTRIAL RELATIONS

SELF-INSURANCE PLANS

2265 Watt Avenue, Suite 1
Sacramento, CA 95825
Phone No. (916) 483-3392
FAX (916) 483-1535



FEB 05 2002

DEPT. THQ

**CERTIFICATION OF SELF-INSURANCE
OF WORKERS' COMPENSATION**

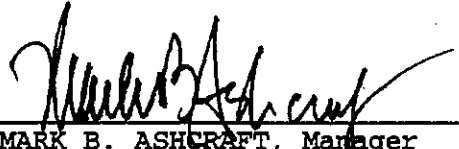
TO WHOM IT MAY CONCERN:

This certifies that Certificate of Consent to Self-Insure
No. 566 was issued by the Director of Industrial Relations
to:

THE SALVATION ARMY

under the provisions of Section 3700, Labor Code of
California, on November 15, 1933. The Certificate is now
and has been in full force and effective since that date.

Dated at Sacramento, California
This 1st day of February, 2002



MARK B. ASHCRAFT, Manager
Self Insurance Plans

Orig: Nancy Cookson
Law Offices of
Laughlin, Falbo, Levy & Moresi
P.O. Box 492617
Redding, CA 96049-2617

cc: John McCarthy
Director of Risk Management
The Salvation Army
180 East Ocean Blvd., 10th Fl.
Long Beach, CA 90801-5646



The Salvation Army

CAMP MT. CRAGS and CAMP GILMORE

26801 Dorothy Drive, Calabasas, California 91302 • (818) 222-6327 • Fax (818) 222-6396

April 4, 2013

Las Virgenes Water District
4242 Las Virgenes Road
Calabasas, CA 91302

To Whom It May Concern:

The Salvation Army Camp Mt. Crags & Camp Gilmore again wish to thank the district for the ability to use the land located on the Tapia Water Facility property during the summer. Our current lease will expire on 6 May 2013 and we would request to extend the agreement for one more year.

Useable space is limited at Camp Gilmore which can have up to 180 children in attendance per week. The ability to use your land during our seven week summer program allows us to provide the under-privileged at-risk youth that we serve additional opportunities to enjoy the outdoors. Our program will continue to provide a strong level of supervision while we are on your property.

I appreciate the great relationship that we have with you, our neighbors at the Tapia Plant. Please let me know if there is anything else that I can provide.

Sincerely,

A handwritten signature in black ink, appearing to read "Tim Pacillas". The signature is fluid and cursive.

Tim Pacillas
Associate Camp Director

May 6, 2013 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject: Tapia Water Reclamation Facility Alternative Disinfection Project: Review, Ratification and Approval of Change Orders

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 ratified the Administering Agent/General Manager's administrative approval of Change Order 3, in the amount of \$14,457.35, and approved Change Order 4, in the amount of \$25,573.02, for the Tapia Water Reclamation Facility Alternative Disinfection Project at their March 26, 2013 meeting.

SUMMARY:

The purpose of this item is to provide information on four change orders, totaling \$47,154.96, for the Tapia Water Reclamation Facility Alternative Disinfection Project. Change Orders 1 and 2 were administratively approved by the General Manager and submitted for information only. Change Order 3 was administratively approved by the General Manager and submitted to the Las Virgenes Board, as the administering agent, for ratification. Change Order 4 was submitted to the Las Virgenes Board, as the administering agent, for approval.

FINANCIAL IMPACT:

The approved Fiscal Year 2012-13 Budget provides funding in the amount of \$1,428,532 for Tapia Alternative Disinfection Improvements Project, CIP Job No. 10457. Sufficient funds are available for these change orders and no additional budget or appropriation is needed at this time.

DISCUSSION:Review of Change Orders:

Change Order 1, in the amount of \$1,640.00, was for the installation of temporary stairs that were required to access the top of the filters. Originally, the plans and specifications called for new stairs to be installed between the new ammonia tanks and pumps. However, interference from an electrical conduit bank necessitated a shift in the location of the tanks and containment structure (Change Order 4), which required the stairs to be relocated. This change order provided funding for the installation of temporary stairs to access the filters during construction.

Change Order 2, in the amount of \$5,484.59, was for a concrete walkway around the ammonia containment berm and ammonia pumps. The original contract called for the stairs to the top of the filters to be between the ammonia tanks and pumps. When the location of the containment structure changed and the stairs were relocated, this change order was necessary to place a concrete walkway in the space.

Change Order 3, in the amount of \$14,457.35, covered the following three items: (1) addition of new PLC panels in place of station panels with associated wiring and electrical modifications and credit for the elimination of two electrical pull boxes; (2) modification of the coating for the fiber reinforced plastic grating from polyester resin to vinyl ester resin to provide the improved chemical resistance; and (3) demolition of additional concrete sidewalk that was not included in the original contract but was required due to the relocation of the ammonia containment structure.

Change Order 4, in the amount of \$25,573.02, is for work required due to the relocation of the ammonia tanks and pumps caused by interference from an electrical duct bank. The modifications include the construction of relocated stairs to access the top of the filters, extension of an underground duct

repair and modifications to the handrails at the top of the filters. All of the change orders were reviewed by engineering design firms for the project and deemed to be reasonable.

Prepared By: Brett Dingman, Water Reclamation Manager

ATTACHMENTS:

[Change Order # 3](#)

[Change Order # 4](#)



CONTRACT CHANGE ORDER

No. 3

4232 Las Virgenes Road
Calabasas, California 91302-1994

Project Tapia WRF Alternative Disinfection Project

Project No. Acct. No.10457.1880.505

Contractor GSE Construction, Inc.

Date January 31, 2012

CONTRACTOR CHANGE ORDER NO. 3 The Contractor is hereby authorized and directed to make the herein described changes from the Plans and Specifications or do the following work not included in the Plans and Specifications for the construction of this project.

This change requested by: GSE Construction, Inc.

DESCRIPTION OF CHANGE:

Description	Amount	Days
Control wiring and electrical modifications	\$ 9,925.52	0
Modification to proposed PLC's	\$ 5,046.00	0
Modification from polyester to vinyl ester resin for FRP grating	\$ 707.33	0
Demolition of additional concrete	\$ 562.00	0
Credit for elimination of two (2) electrical pull boxes	\$ (1,783.50)	0
TOTAL	\$ 14,457.35	

INCREASES
TOTAL AT AGREED PRICES OR FORCE ACCOUNT \$14,457.35
DECREASES

Contract Change Order No. 3 Project No. _____ Acct. No. 10457.1880.505

Date January 31, 2012

(2) Estimate of increases and/or decreases in contract items at contract unit prices:

INCREASES

Item	Description	Quantity	Unit Price	Total
9e	Electrical Panels	1	LS	\$9,925.52
9e	Electrical Panels	1	LS	\$5,046.00
8a	Demo Exterior	1	LS	\$562.00
8j	Install Structural Steel (Platform)	1	LS	\$707.33
TOTAL INCREASES				<u>\$16,240.85</u>

DECREASES

Item	Description	Quantity	Unit Price	Total
9c	Underground Duct Banks	1	LS	\$1,783.50
TOTAL DECREASES				<u>\$</u>

TOTAL NET Increase IN CONTRACT ITEMS AT CONTRACT UNIT PRICES \$14,457.35

TOTAL COST OF THIS CHANGE ORDER \$ 14,457.35 INCREASE


DECREASE

It is agreed 0 consecutive calendar days extension of time will be allowed by reason of this change.

Recommended by


 James Spicer, P.E.
 Project Manager

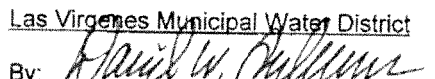
Departmental Approval


 David R. Lippman
 Director of Facilities and Operations

ACCEPTED:


 By: GSE Construction

APPROVED:

Las Virgenes Municipal Water District

 By: David W. Pedersen
 David W. Pedersen, General Manager

Date: 12-6-2012

Date: 03/13/13

Note: Attention is called to the sections of the Special Provisions and Standard Provisions on EXTRA, ADDITIONAL OR OMITTED WORK.

- THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY OWNER
- IF ACCEPTABLE TO THE CONTRACTOR, THIS CHANGE ORDER IS EFFECTIVE IMMEDIATELY



C O N S T R U C T I O N

Document 631-LTC-11

James Spicer
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

RE: Proposed Change Order #08 R-2
Tapia WRF Alternative Disinfection - 631

Dear James Spicer,

We request approval of our Proposed Change Order # 08 R-2 to add the 3" conduit and modify the existing controls from what was shown in the contract drawings.

The total cost for this extra work is \$9,925.52

No additional time is required as a result of this change.

Respectfully,

Anthony Clark, Project Manager
GSE Construction Co., Inc.

GSE CONSTRUCTION INC.
 PROJECT: TAPIA WRF ALTERNATIVE DISINFECTION PROJECT
 PROJECT No.: 631

DATE: 11/30/2012
 GSE CC PCO # 08 R-2
 CLIENTS CO #

CHANGE ORDER CALCULATION

DESCRIPTION OF CHANGE		/ire in PCO #8R-1 not needed. Cost for changes made to the controls and for the conduit already installed.												
DESCRIPTION	QUANTITY	UNIT	UNIT PRICES			LABOR			DIRECT COSTS			TOTAL DIRECT COST		
			EQUIP.	MATERIAL	LABOR	HOURS	RATE	EQUIP.	MATERIAL	LABOR	S/CONTRACT			
COLEMAN ELECTRIC														
Controls & Conduit	1	L.S.	\$0	\$0	\$0	0.0	0.0		\$0	\$0	\$0	\$9,175.77	\$9,175.77	
Sales tax	9.75	%							\$0	\$0	\$0	\$0	\$0	\$0
TOTALS						0.0	#DIV/0!		\$0	\$0	\$0	\$9,175.77	\$9,175.77	\$0
MARKUP EQUIPMENT		15 %							\$0	\$0	\$0	\$0	\$0	\$0
MARKUP MATERIALS		15 %							\$0	\$0	\$0	\$0	\$0	\$0
MARKUP ON LABOR		5 %										\$458.79	\$458.79	\$0
BOND and INSURANCE (all risk)		1 %										\$96.35	\$96.35	\$0
Allowance for Small Tools		2 %										\$194.62	\$194.62	\$0
TOTAL CHANGE COST												\$9,925.52	\$9,925.52	\$0



11-26-12

EW#4 r2 Proposal/Package

Page #	Description
1 revised	EW#4r1 cost summary
2 revised	Breakdown Electrical credits
3	PCO#8 Altn Price-Conduit S-300
4	ACSE Credit LSH's
5, revised	ACSE Change to Panels
6 eliminated	
7	ACSE Breakdown Of Costs
8	Email directive/request
9,10	IO schedule
G1-4 r1	Comm Plan
E-8 r1	Chemical Elec Plan
E-5a	Chemical Conduit Development Plan
E-9r1	Ammonia Storage Plan
E-5b	Ammonia Conduit Development Plan



11/26/2012

EW#4 r2

Reference:

Meeting on 10-17-12 Lloyd Trick, James Spicer, Sara Munger, requested Coleman-Pacific to propose new updated way to communicate the field equipment with the new panels. Lloyd to provide a new I/O list.

Email from James Spice 11-1-12

Change Order credit #5a from ACS

Change Order Request #6a from ACS

Drawings from Coleman-Pacific

- GI-4r1 MSO Revised Communication Schematic
 - E-8 r1 Chemical Building Electrical conduit detail drawing
 - E-5 A Chemical Building Electrical conduit/Wire development drawing
 - E-9 r1 Ammonia Storage Electrical conduit detail drawing
 - E-5 B Ammonia Storage Electrical conduit/Wire development drawing
- The above drawings will replace E-8, E-9 and E-5
Revised New Panel IO lists

A Labor	JYMN	(217.30) hrs x \$75.66	(16,440.92)	
	Labor (redesign Bryan)	40.00 hrs x \$81.58	3,263.20	
	Total hours	(177.30)		
			SUBTOTAL LABOR	(13,177.72)
			MARKUP	0.00
			TOTAL LABOR COSTS	(13,177.72)
B Material				
	deduct			(4,410.66)
			SUBTOTAL Material	(4,410.66)
		tax 8.75%		(385.93)
			SUBTOTAL Material	(4,410.66)
			MARKUP 15%	(661.60)
			TOTAL Material COSTS	(5,072.26)
C Subcontractor	Axis CO#5a	Credit Level Switches		(1,865.13)
	Axis CO#6a	New PLC Panels		25,452.98
		MARKUP 5%		\$1,179.39
			TOTAL SUBCONTRACTOR COSTS	23,587.85
D Equipment				
	Truck Cal-trans #00-06	(108.65) hrs \$19.98		\$0.00
			MARKUP 15%	(\$2,170.83)
				-\$325.62
			TOTAL equipment COSTS	-\$2,496.45
E				
			PCO#8 r3 Altn	\$6,334.35
			TOTAL A+B+C+D	\$9,175.77

EW#4r1

Credit

a Cores from RIO 5

qty	size	Material \$	Total Material	Labor hrs	Labor Total hrs
-9	0.75	\$40.00	(\$360.00)	0.2	(1.80)
-6	1	\$45.00	(\$270.00)	0.25	(1.50)
-6	1.5	\$60.00	(\$360.00)	0.3	(1.80)
-2	2	\$65.00	(\$130.00)	0.4	(0.80)

b Conduits (includes LS Conduits)

-500	0.75	\$1.15	(\$575.00)	0.0372	(18.60)
-200	1	\$1.67	(\$334.00)	0.394	(78.80)
-40	1.5	\$2.74	(\$109.60)	0.394	(15.76)
-40	2	\$3.65	(\$146.00)	0.394	(15.76)

c Wire

-9000 #14		0.0683	(\$614.70)	0.00394	(35.46)
-1000 #12		\$0.14	(\$140.00)	0.0042	(4.20)
-1900 TSP		\$1.20	(\$2,280.00)	0.007	(13.30)

d Wire Terms

-368 #14, 12 & TSP		\$0.52	(\$191.36)	0.09	(33.12)
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Adders

e Larger Stainless Steel supports for Larger Panels

4		\$200.00	\$800.00	0.5	2.00
---	--	----------	----------	-----	------

f Additional conduit/cores for relocated LS

4	1	\$75.00	\$300.00	0.4	1.60
---	---	---------	----------	-----	------

Totals			(\$4,410.66)		(217.30)
---------------	--	--	--------------	--	----------



Coleman-Pacific, Inc.

10/22/2012

Extra work order# PCO#8 rev 3
Install S-300 conduit and (23) TSp wire from RIO Panel to Precast pull box
3"Alumn conduit
23 # 2/c #16 Wire 600v

A Labor	JYMN	36.44	hrs x	\$75.66	\$2,757.05	
	Labor	36.44	hrs x	\$81.58	\$2,972.78	
Total hours		72.88				
					SUBTOTAL LABOR	5,729.83
					MARKUP 15%	859.47
					TOTAL LABOR COSTS	6,589.30
B Material	\$7,076.99					
	SUBTOTAL Material					\$7,076.99
					tax 8.75%	\$619.24
					SUBTOTAL Material	7,696.23
					MARKUP 15%	1,154.43
					TOTAL Material COSTS	8,850.66
C Subcontractor						
					MARKUP 0%	\$0.00
					TOTAL SUBCONTRACTOR COSTS	0.00
D Equipment	Large Threader Machine	12.00	hrs	\$12.38	\$148.56	
	Truck Cal-trans #00-06	36.44	hrs	\$19.98	\$728.07	
					MARKUP 15%	\$22.28
					TOTAL equipment COSTS	\$898.92

TOTAL A+B+C+D \$16,338.88

Alternate Extra work order# PCO#8ALT
Install S-300 conduit and (2) TSP only from RIO Panel to Precast pull box
3"Alumn conduit

A Labor	JYMN	15.00	hrs x	\$75.66	\$1,134.90	
	Labor	15.00	hrs x	\$81.58	\$1,223.70	
Total hours		30.00				
					SUBTOTAL LABOR	2,358.60
					MARKUP 15%	353.79
					TOTAL LABOR COSTS	2,712.39
B Material	\$2,519.87					
	SUBTOTAL Material					\$2,519.87
					tax 8.75%	\$220.49
					SUBTOTAL Material	2,740.36
					MARKUP 15%	411.05
					TOTAL Material COSTS	3,151.41
C Subcontractor						
					MARKUP 0%	\$0.00
					TOTAL SUBCONTRACTOR COSTS	0.00
D Equipment	Large Threader Machine	12.00	hrs	\$12.38	\$148.56	
	Truck Cal-trans #00-06	15.00	hrs	\$19.98	\$299.70	
					MARKUP 15%	\$22.28
					TOTAL equipment COSTS	\$470.54

TOTAL A+B+C+D \$6,334.35

ALT only if EWI is accepted

3



ACS Engineering Inc.

CHANGE ORDER REQUEST No. 5a

DATE: 11/12/ 2012

PROJECT OWNER: Las Virgenes Joint Powers Authority,
PROJECT: Ammonia Storage and Feed Facility Improvements
PROJECT No: 120118
RE: RFI#29 Response
Via: Email/Fax

DESCRIPTION OF CHANGE:

1. Change LSH-3141 to a pipe leak detection type.
2. Delete LSH-3100, LSH-3200, LSH-3500, LSH-004 , LSH-026, LSH-027 and LSH-3214.
3. LSH-3215 to be relocated inside the (E) SBS Tank Containment area.
4. CAD and Documentation.

ITM	QTY	Description	Each(\$)	Amount \$
1	1	LSH-3141 pipe leak detector	385.00	385.00
2	LS	Tax on Materials @8.25%		31.76
3	4	Labor (CAD, Documentation)	87.00	348.00
4	LS	ACSE mark up on material @ 15%	62.51	62.51
5	LS	ACSE mark up on Labor @ 20%	69.60	69.60
6	1	Credit for one (1) Level Switch (Float type)	-(67.00)	-(67.00)
7	7	Credit for seven(7) Level Switches (leak detect)	-(385)	-(2,695.00)
8		Total Credit		(\$1865.13)

APPROVED BY: _____

Date: ___ / ___ / ___

Signature: _____

Comments:
.....
.....

Please send approval back to ACSE Via: Email/ Fax: (949) 215-1117

4

17 Hammond, Suite: 411, Irvine, CA 92618

Voice: (949) 297-3777 Fax: (949)215 -1117

ACSE

Inc.

ACS Engineering Inc.**CHANGE ORDER REQUEST No. 6a-R1**

DATE: 11/26/ 2012

PROJECT OWNER: Las Virgenes Joint Powers Authority
PROJECT: Ammonia Storage and Feed Facility Improvements
PROJECT No: 120118
RE: New communication design
Via: Email/Fax

DESCRIPTION OF CHANGE:

1. Adding new PLC panels in place of station panels per provided MSO's drawing.
2. Additional CAD, Documentation, Assembly and wiring.

ITM	QTY	Description	Each(\$)	Extended(\$)
1	LS	Panel AA-LCP-03, Hoffman A48H3608SSLP NEMA 4X wall mounted enclosure with all PLC components and misc. parts per attached data and spread sheets; material only.	11,199.23	11,199.23
2	LS	Panel SBS-LCP-001, Hoffman A48H3608SSLP NEMA 4X wall mounted enclosure with all PLC components and misc. parts per attached data and spread sheets; material only.	11,129.00	11,129.00
3	LS	Panel SHC-LCP-001, Hoffman A48H3608SSLP NEMA 4X wall mounted enclosure with all PLC components and misc. parts per attached data and spread sheets; material only.	10,790.00	10,790.00
4	LS	Tax on Materials @7.75%		2,566.55
5	LS	Labor (CAD, Documentation, assembly and wiring) for panel AA-LCP-03	3,480.00	3,480.00
6	LS	Labor (CAD, Documentation, assembly and wiring) for panel SBS-LCP-001	3,650.00	3,650.00
7	LS	Labor (CAD, Documentation, assembly and wiring) for panel SHC-LCP-001	3,219.00	3,219.00
8	LS	ACSE mark up @ 15%	6,905.08	6,905.08
9	LS	Credit for three (3) station panels	-(11,940.00)	-(11,940.00)
10	LS	Credit for Modification to the existing PLC panel.	-(15,546.00)	-(15,546.00)
11		Total		\$ 25,452.98

Please send approval back to ACSE Via: Email/ Fax: (949) 215-1117

17 Hammond, Suite: 411, Irvine, CA 92618

Voice: (949) 297-3777 Fax: (949)215 -1117

ITEM 9C

PANELS

CO# 6A

DESCRIPTION	MANUFACTURER	PART NUMBER	QTY	COST @	EXTENDED	Comments
ENCLOSURE, NAME 4X, 48x38x08	Hoffman	A48H3608SSLP	1	\$ 3,990.00	\$ 3,990.00	
BACK PANEL	Hoffman	A48P36	1	\$ 299.00	\$ 299.00	
Panel light	Hoffman	LF120V15-28	1	\$ 249.00	\$ 249.00	
KEYLOCKED LATCH	Hoffman	AL2CR	1	\$ 199.00	\$ 199.00	
REMOTE I/O	Modicon	170PNT11020	4	\$ 225.00	\$ 900.00	
MODBUS+ TAP	Modicon	990NAD230 00	4	\$ 31.08	\$ 124.32	
COMMUNICATION CABLES	Modicon	170MCI020	3	\$ 31.92	\$ 95.76	LENGTH .25 METER
MODBUS+ T CONNECTOR	Modicon	170XTS020 00	4	\$ 112.88	\$ 451.44	DB9 BASE
MODBUS+ TERMINATOR	Modicon	170XTS021 00	1	\$ 23.88	\$ 23.88	
TERMINAL POINTS	Modicon	170XTS00401	4	\$ 36.00	\$ 144.00	
DIGITAL INPUT 32 PTS	Modicon	170ADI35000	1	\$ 272.00	\$ 272.00	
DIGITAL OUTPUT 16 PTS	Modicon	170ADO35000	1	\$ 392.00	\$ 392.00	
ANALOG INPUT 16 PTS	Modicon	170AAI14000	1	\$ 656.83	\$ 656.83	
ANALOG OUTPUT 4 PTS	Modicon	170AAO92100	2	\$ 780.00	\$ 1,560.00	
POSITION SELECTOR SWITCH	SQ D	9001SKS11BH1	4	\$ 102.00	\$ 408.00	
PILOT LIGHT	SQ D	9001SKT1	4	\$ 131.00	\$ 524.00	
DC POWER SUPPLY	SOLA	SDN5-24-100P	1	\$ 163.00	\$ 163.00	
NAME PLATES	N/A	Misc	3	\$ 10.00	\$ 30.00	
CB	PHOENIX	902072	3	\$ 45.00	\$ 135.00	
FB	PHOENIX	3004100	8	\$ 12.00	\$ 96.00	
TB	PHOENIX	3004102	100	\$ 2.00	\$ 200.00	
RELAYS & Sockets	IDEC	RH2B-UL/SH2B	8	\$ 24.00	\$ 192.00	
WW	PANDUIT	3240199	1	\$ 12.00	\$ 12.00	
DIN RAIL	PHOENIX	801733	2	\$ 16.00	\$ 32.00	
WIRE	HOUSTON WIRE	AWG#14	1	\$ 50.00	\$ 50.00	
TOTAL MATERIAL					\$ 11,199.23	
LABOR						
CAD AND DESIGN			8	\$ 87.00	\$ 696.00	
ASSEMBLY AND WIRING			32	\$ 87.00	\$ 2,784.00	
TOTAL LABOR					\$ 3,480.00	

Change From 4/x to
3R or 12
Save \$ 2,000 per Panel

Bryan Coleman

From: Arcelio Aguilar <aaguilar@gseconstruction.com>
Sent: Thursday, November 01, 2012 11:00 AM
To: Bryan Coleman
Cc: Anthony Clark
Subject: Communication schematic
Attachments: New.Chem.Comm.r2.pdf; PANELS.LIST.xlsx

Hello Bryan:

Attached you will find what we received from James for the communications/Controls changes. TJ will follow up with the formal transmittal.

Regards,



C O N S T R U C T I O N

Arcelio Aguilar | Superintendent
GSE Construction Company Inc.
24844 Anza Drive, Suite C • Valencia, CA 91354
tel (661) 295-4960 • cell (925) 525-2312 • fax (661) 295-5031

website | vCard | map | email



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Classifications: A, B, C16, C36, Hazardous Materials and Asbestos Certified

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From: Spicer, James [<mailto:JSpicer@lvmwd.com>]
Sent: Thursday, November 01, 2012 10:40 AM
To: Arcelio Aguilar
Subject: Communication schematic

Arcelio,

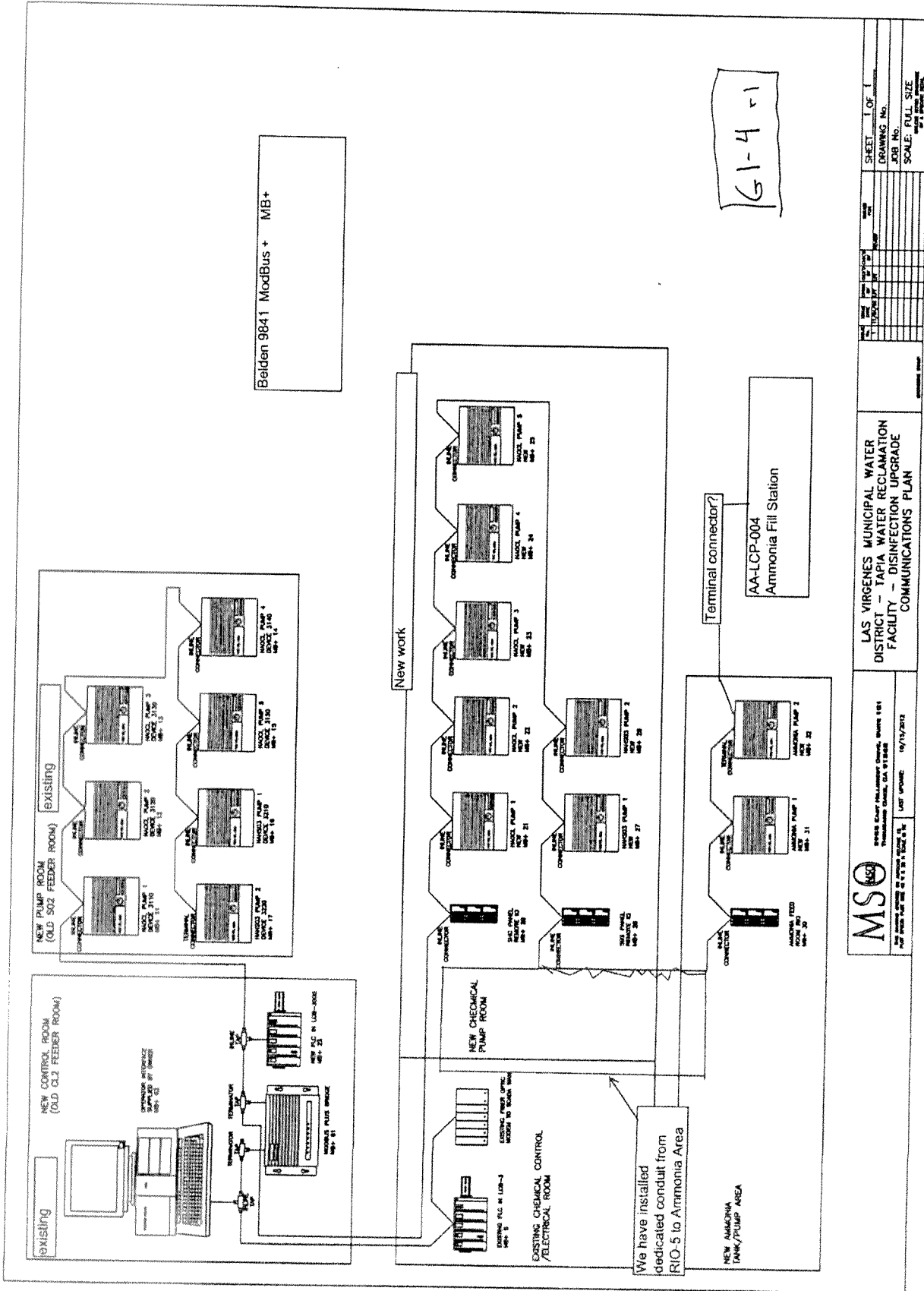
Attached is a spreadsheet that splits up the input/output points amongst the different control panels. Also, is a modified communication schematic.

James Spicer, PE
Las Virgenes Municipal Water District
Tel: 818-251-2142
Fax: 818-251-2159

TAG No.	DESCRIPTION	CONTROL PANEL	TYPE	AI	AO	DI	DO	
SHC Panel								
PSH-3143	EYEWASH STATION (OUTSIDE OLD SHC & SBS FEED ROOM) FLOW SWITCH HIGH	SHC-LCP-001	DI			1		
PSH-3141	SOODIUM HYPOCHLORITE FEED PUMP NO. 1 PRESSURE SWITCH HIGH	SHC-LCP-001	DI			1		
LAH-3141	SOODIUM HYPOCHLORITE FEED PUMP NO. 1 LEAK ALARM	SHC-LCP-001	DI			1		
LAH-3100	SOODIUM HYPOCHLORITE INJECTION POINT 1 PIPE CONTAINMENT LEAK SWITCH	SHC-LCP-001	DO				1	
LAH-3100	SOODIUM HYPOCHLORITE INJECTION POINT 1 PIPE CONTAINMENT LEAK ALARM	SHC-LCP-001						
LAH-3100	SOODIUM HYPOCHLORITE INJECTION POINT 2 PIPE CONTAINMENT LEAK SWITCH	SHC-LCP-001						
LAH-3100	SOODIUM HYPOCHLORITE INJECTION POINT 2 PIPE CONTAINMENT LEAK ALARM	SHC-LCP-001						
LAH-3400	SOODIUM HYPOCHLORITE INJECTION POINT 3 PIPE CONTAINMENT LEAK SWITCH	SHC-LCP-001						
LAH-3400	SOODIUM HYPOCHLORITE INJECTION POINT 3 PIPE CONTAINMENT LEAK ALARM	SHC-LCP-001						
LAH-3500	SOODIUM HYPOCHLORITE INJECTION POINT 4 PIPE CONTAINMENT LEAK SWITCH	SHC-LCP-001						
LAH-3500	SOODIUM HYPOCHLORITE INJECTION POINT 4 PIPE CONTAINMENT LEAK ALARM	SHC-LCP-001						
FI-3100	SOODIUM HYPOCHLORITE TO FILTER INFLUENT (IN POINT 1) FLOW INDICATING TRANSMITTER	SHC-LCP-001	AI	1				
FI-3100	SOODIUM HYPOCHLORITE TO FILTER INFLUENT (IN POINT 1) FLOW INDICATOR	SHC-LCP-001	AO		1			
FI-3200	SOODIUM HYPOCHLORITE TO FILTER EFFLUENT (IN POINT 2) FLOW INDICATING TRANSMITTER	SHC-LCP-001	AI	1				
FI-3200	SOODIUM HYPOCHLORITE TO FILTER EFFLUENT (IN POINT 2) FLOW INDICATOR	SHC-LCP-001	AO		1			
FI-3400	SOODIUM HYPOCHLORITE TO BAL POND/RAS (IN POINT 3) FLOW INDICATING TRANSMITTER	SHC-LCP-001	AI	1				
FI-3400	SOODIUM HYPOCHLORITE TO BAL POND/RAS (IN POINT 3) FLOW INDICATOR	SHC-LCP-001	AO		1			
FI-3500	SOODIUM HYPOCHLORITE TO CHLORINE CONTACT TANK (IN POINT 4) FLOW INDICATING TRANSMITTER	SHC-LCP-001	AI	1				
FI-3500	SOODIUM HYPOCHLORITE TO CHLORINE CONTACT TANK (IN POINT 4) FLOW INDICATOR	SHC-LCP-001	AO		1			
LI-3000A	SOODIUM HYPOCHLORITE TANK 1 LEVEL	SHC-LCP-001	AO		1			
LI-3000B	SOODIUM HYPOCHLORITE TANK 2 LEVEL	SHC-LCP-001	AO		1			
LI-3000C	SOODIUM HYPOCHLORITE TANK 3 LEVEL	SHC-LCP-001	AO		1			
LI-3000D	SOODIUM HYPOCHLORITE TANK 4 LEVEL	SHC-LCP-001	AO		1			
PSH-3100	SOODIUM HYPOCHLORITE FEED PUMP NO. 1 DISCHARGE PRESSURE SWITCH HIGH	SHC-LCP-3100						
HS-3100A	SOODIUM HYPOCHLORITE FEED PUMP NO. 1 PUMP IN AUTO	SHC-LCP-001	DI			1		
YL-3100	SOODIUM HYPOCHLORITE FEED PUMP NO. 1 PUMP RUNNING	SHC-LCP-001	DI			1		
YA-3100	SOODIUM HYPOCHLORITE FEED PUMP NO. 1 PUMP VFD FAIL	SHC-LCP-001	DI			1		
YC-3100	SOODIUM HYPOCHLORITE FEED PUMP NO. 1 PUMP START/STOP	SHC-LCP-001	DI			1		
SC-3100	SOODIUM HYPOCHLORITE FEED PUMP NO. 1 PUMP SPEED CONTROL	SHC-LCP-001	MB+					
PSH-3200	SOODIUM HYPOCHLORITE FEED PUMP NO. 2 DISCHARGE PRESSURE SWITCH HIGH	SHC-LCP-3200						
HS-3200A	SOODIUM HYPOCHLORITE FEED PUMP NO. 2 PUMP IN AUTO	SHC-LCP-001	DI			1		
YL-3200	SOODIUM HYPOCHLORITE FEED PUMP NO. 2 PUMP RUNNING	SHC-LCP-001	DI			1		
YA-3200	SOODIUM HYPOCHLORITE FEED PUMP NO. 2 PUMP VFD FAIL	SHC-LCP-001	DI			1		
YC-3200	SOODIUM HYPOCHLORITE FEED PUMP NO. 2 PUMP START/STOP	SHC-LCP-001	DI			1		
SC-3200	SOODIUM HYPOCHLORITE FEED PUMP NO. 2 PUMP SPEED CONTROL	SHC-LCP-001	MB+					
PSH-3300	SOODIUM HYPOCHLORITE FEED PUMP NO. 3 DISCHARGE PRESSURE SWITCH HIGH	SHC-LCP-3300						
HS-3300A	SOODIUM HYPOCHLORITE FEED PUMP NO. 3 PUMP IN AUTO	SHC-LCP-001	DI			1		
YL-3300	SOODIUM HYPOCHLORITE FEED PUMP NO. 3 PUMP RUNNING	SHC-LCP-001	DI			1		
YA-3300	SOODIUM HYPOCHLORITE FEED PUMP NO. 3 PUMP VFD FAIL	SHC-LCP-001	DI			1		
YC-3300	SOODIUM HYPOCHLORITE FEED PUMP NO. 3 PUMP START/STOP	SHC-LCP-001	DI			1		
SC-3300	SOODIUM HYPOCHLORITE FEED PUMP NO. 3 PUMP SPEED CONTROL	SHC-LCP-001	MB+					
PSH-3400	SOODIUM HYPOCHLORITE FEED PUMP NO. 4 DISCHARGE PRESSURE SWITCH HIGH	SHC-LCP-3400						
HS-3400A	SOODIUM HYPOCHLORITE FEED PUMP NO. 4 PUMP IN AUTO	SHC-LCP-001	DI			1		
YL-3400	SOODIUM HYPOCHLORITE FEED PUMP NO. 4 PUMP RUNNING	SHC-LCP-001	DI			1		
YA-3400	SOODIUM HYPOCHLORITE FEED PUMP NO. 4 PUMP VFD FAIL	SHC-LCP-001	DI			1		
YC-3400	SOODIUM HYPOCHLORITE FEED PUMP NO. 4 PUMP START/STOP	SHC-LCP-001	DI			1		
SC-3400	SOODIUM HYPOCHLORITE FEED PUMP NO. 4 PUMP SPEED CONTROL	SHC-LCP-001	MB+					
PSH-3500	SOODIUM HYPOCHLORITE FEED PUMP NO. 5 DISCHARGE PRESSURE SWITCH HIGH	SHC-LCP-3500						
HS-3500A	SOODIUM HYPOCHLORITE FEED PUMP NO. 5 PUMP IN AUTO	SHC-LCP-001	DI			1		
YL-3500	SOODIUM HYPOCHLORITE FEED PUMP NO. 5 PUMP RUNNING	SHC-LCP-001	DI			1		
YA-3500	SOODIUM HYPOCHLORITE FEED PUMP NO. 5 PUMP VFD FAIL	SHC-LCP-001	DI			1		
YC-3500	SOODIUM HYPOCHLORITE FEED PUMP NO. 5 PUMP START/STOP	SHC-LCP-001	DI			1		
SC-3500	SOODIUM HYPOCHLORITE FEED PUMP NO. 5 PUMP SPEED CONTROL	SHC-LCP-001	MB+					
				Totals	4	8	15	0
SBS Panel								
FI-3213	SOODIUM BISULFITE TO DECHLORINATION FLOW INDICATING TRANSMITTER	SBS-LCP-001	AI	1				
FI-3213	SOODIUM BISULFITE TO DECHLORINATION FLOW INDICATOR	SBS-LCP-001	AO		1			
PSH-3210	EYEWASH STATION (SOODIUM BISULFITE) IN USE FLOW SWITCH HIGH	SBS-LCP-001	DI			1		
LAH-3210	SOODIUM BISULFITE DISCHARGE PIPE CONTAINMENT LEAK ALARM	SBS-LCP-001						
LAH-3210	SOODIUM BISULFITE SUCTION PIPE CONTAINMENT LEAK	SBS-LCP-001	DI			1		
LAH-3210	SOODIUM BISULFITE SUCTION PIPE CONTAINMENT LEAK ALARM	SBS-LCP-001	DO				1	
LI-3201	SOODIUM BISULFITE TANK 1 LEVEL, Missing	SBS-LCP-001	AO		1			
LI-3202	SOODIUM BISULFITE TANK 2 LEVEL, Missing	SBS-LCP-001	AO		1			
PSH-3211	SOODIUM BISULFITE FEED PUMP NO. 1 PRESSURE SWITCH HIGH	SBS-LCP-3211						
HS-3211	SOODIUM BISULFITE FEED PUMP NO. 1 AUTO	SBS-LCP-001	DI			1		
YL-3211	SOODIUM BISULFITE FEED PUMP NO. 1 RUNNING	SBS-LCP-001	DI			1		
YA-3211	SOODIUM BISULFITE FEED PUMP NO. 1 FAIL	SBS-LCP-001	DI			1		
YC-3211	SOODIUM BISULFITE FEED PUMP NO. 1 START/STOP	SBS-LCP-001	DI			1		
SC-3211	SOODIUM BISULFITE FEED PUMP NO. 1 SPEED CONTROL	SBS-LCP-001	MB+					
PSH-3212	SOODIUM BISULFITE FEED PUMP NO. 2 PRESSURE SWITCH HIGH	SBS-LCP-3212						
HS-3212	SOODIUM BISULFITE FEED PUMP NO. 2 AUTO	SBS-LCP-001	DI			1		
YL-3212	SOODIUM BISULFITE FEED PUMP NO. 2 RUNNING	SBS-LCP-001	DI			1		
YA-3212	SOODIUM BISULFITE FEED PUMP NO. 2 FAIL	SBS-LCP-001	DI			1		
YC-3212	SOODIUM BISULFITE FEED PUMP NO. 2 START/STOP	SBS-LCP-001	DI			1		
SC-3212	SOODIUM BISULFITE FEED PUMP NO. 2 SPEED CONTROL	SBS-LCP-001	MB+					
				Totals	1	3	8	1

7/11/02, 5

TAG No.	DESCRIPTION	CONTROL PANEL	TYPE	AI	AO	DI	DO
Panel AA							
LIT-001	AQUA AMMONIA STORAGE TANK NO.1 LEVEL INDICATING TRANSMITTER	AA-LCP-003	AI	1			
LI-001	AQUA AMMONIA STORAGE TANK NO.1 LEVEL INDICATOR	AA-LCP-003	AO		1		
YS-001	AQUA AMMONIA STORAGE TANK NO.1 LEVEL TRANSMITTER FAIL	AA-LCP-003	DI			1	
PIT-001	AQUA AMMONIA STORAGE TANK NO.2 PRESSURE INDICATING TRANSMITTER	AA-LCP-003	AI	1			
PI-001	AQUA AMMONIA STORAGE TANK NO.2 PRESSURE INDICATOR	AA-LCP-003	AO		1		
PAH-001	AQUA AMMONIA STORAGE TANK NO.2 PRESSURE HIGH ALARM	AA-LCP-003	DO				1
LI-002	AQUA AMMONIA STORAGE TANK NO.2 LEVEL INDICATING TRANSMITTER	AA-LCP-003	AI	1			
LI-002	AQUA AMMONIA STORAGE TANK NO.2 LEVEL INDICATOR	AA-LCP-003	AO		1		
YS-002	AQUA AMMONIA STORAGE TANK NO.2 LEVEL TRANSMITTER FAIL	AA-LCP-003	DI			1	
PIT-002	AQUA AMMONIA STORAGE TANK NO.2 PRESSURE INDICATING TRANSMITTER	AA-LCP-003	AI	1			
PI-002	AQUA AMMONIA STORAGE TANK NO.2 PRESSURE INDICATOR	AA-LCP-003	AO		1		
PAH-002	AQUA AMMONIA STORAGE TANK NO.2 PRESSURE HIGH ALARM	AA-LCP-003	DO				1
LAH-004	AQUA AMMONIA FEED PUMP CONTAINMENT AREA LEAK SWITCH	AA-LCP-003					
LAH-004	AQUA AMMONIA FEED PUMP CONTAINMENT AREA LEAK ALARM	AA-LCP-003					
LSH-004	AQUA AMMONIA FEED PUMP NO.1 DISCHARGE CONTAINMENT PIPE LEAK SWITCH	AA-LCP-003					
LAH-006	AQUA AMMONIA FEED PUMP NO.1 DISCHARGE CONTAINMENT PIPE LEAK ALARM	AA-LCP-003					
LSH-007	AQUA AMMONIA FEED PUMP NO.2 DISCHARGE CONTAINMENT PIPE LEAK SWITCH	AA-LCP-003					
LAH-007	AQUA AMMONIA FEED PUMP NO.2 DISCHARGE CONTAINMENT PIPE LEAK ALARM	AA-LCP-003					
FSH-003	EYEWASH STATION (TANK LOWER) FLOW SWITCH HIGH	AA-LCP-003	DI			1	
LSH-003	AQUA AMMONIA STORAGE TANK CONTAINMENT AREA LEAK SWITCH	AA-LCP-003	DI			1	
LAH-003	AQUA AMMONIA STORAGE TANK CONTAINMENT AREA LEAK ALARM	AA-LCP-003	DO				1
FSH-004	EYEWASH STATION (TANK UPPER) FLOW SWITCH HIGH	AA-LCP-003	DI			1	
FSH-005	EYEWASH STATION (FEED PS) FLOW SWITCH HIGH	AA-LCP-003	DI			1	
LSH-025	AQUA AMMONIA STORAGE TANK COMMON OUTLET CONTAINMENT PIPE LEAK SWITCH	AA-LCP-003	DI			1	
LAH-025	AQUA AMMONIA STORAGE TANK COMMON OUTLET CONTAINMENT PIPE LEAK ALARM	AA-LCP-003	DO				1
ZSC-211	AQUA AMMONIA STORAGE TANK NO.1 OUTLET VALVE LIMIT SWITCH CLOSED	AA-LCP-003	DI			1	
ZSO-211	AQUA AMMONIA STORAGE TANK NO.1 OUTLET VALVE LIMIT SWITCH OPEN	AA-LCP-003	DI			1	
ZSC-212	AQUA AMMONIA STORAGE TANK NO.2 OUTLET VALVE LIMIT SWITCH CLOSED	AA-LCP-003	DI			1	
ZSO-212	AQUA AMMONIA STORAGE TANK NO.2 OUTLET VALVE LIMIT SWITCH OPEN	AA-LCP-003	DI			1	
ASH-001	AMMONIA GAS SWITCH AND MONITOR UNIT	AA-LCP-003	DI			1	
FIT-010	AQUA AMMONIA FEED PUMP NO.1 DISCHARGE FLOW INDICATING TRANSMITTER	AA-LCP-003	AI	1			
FI-010	AQUA AMMONIA FEED PUMP NO.1 DISCHARGE FLOW INDICATOR	AA-LCP-003	AO		1		
FAL-010	AQUA AMMONIA FEED PUMP NO.1 DISCHARGE FLOW LOW ALARM	AA-LCP-003	DO				1
FIT-020	AQUA AMMONIA FEED PUMP NO.2 DISCHARGE FLOW INDICATING TRANSMITTER	AA-LCP-003	AI	1			
FI-020	AQUA AMMONIA FEED PUMP NO.2 DISCHARGE FLOW INDICATOR	AA-LCP-003	AO		1		
FAL-020	AQUA AMMONIA FEED PUMP NO.2 DISCHARGE FLOW LOW ALARM	AA-LCP-003	DO				1
AIT-030	FEED TO FILTER INFLUENT/EFFLUENT AMMONIUM ANALYZER TRANSMITTER	AA-LCP-003	AI	1			
AIF-030	FEED TO FILTER INFLUENT/EFFLUENT AMMONIUM ANALYZER TRANSMITTER FAIL	AA-LCP-003	DI			1	
LAHH-001A	AQUA AMMONIA STORAGE TANK NO.1 LEVEL HIGH HIGH LEVEL ALARM	AA-LCP-003	DO				1
LALL-001A	AQUA AMMONIA STORAGE TANK NO.1 LEVEL LOW LOW LEVEL ALARM	AA-LCP-003	DO				1
LAHH-002A	AQUA AMMONIA STORAGE TANK NO.2 LEVEL HIGH HIGH LEVEL ALARM	AA-LCP-003	DO				1
LALL-002A	AQUA AMMONIA STORAGE TANK NO.2 LEVEL LOW LOW LEVEL ALARM	AA-LCP-003	DO				1
PSH-010	AQUA AMMONIA FEED PUMP NO.1 DISCHARGE PRESSURE SWITCH HIGH	AA-LCP-001					
MSH-010	AQUA AMMONIA FEED PUMP NO.1 AUTO	AA-LCP-003	DI			1	
YL-010	AQUA AMMONIA FEED PUMP NO.1 RUNNING	AA-LCP-003	DI			1	
YA-010	AQUA AMMONIA FEED PUMP NO.1 FAIL	AA-LCP-003	DI			1	
YC-010	AQUA AMMONIA FEED PUMP NO.1 START/STOP	AA-LCP-003	DI			1	
SC-010	AQUA AMMONIA FEED PUMP NO.1 SPEED CONTROL	AA-LCP-003	MB+				
PSH-020	AQUA AMMONIA FEED PUMP NO.2 DISCHARGE PRESSURE SWITCH HIGH	AA-LCP-002					
MSH-020	AQUA AMMONIA FEED PUMP NO.2 AUTO	AA-LCP-003	DI			1	
YL-020	AQUA AMMONIA FEED PUMP NO.2 RUNNING	AA-LCP-003	DI			1	
YA-020	AQUA AMMONIA FEED PUMP NO.2 FAIL	AA-LCP-003	DI			1	
YC-020	AQUA AMMONIA FEED PUMP NO.2 START/STOP	AA-LCP-003	DI			1	
SC-020	AQUA AMMONIA FEED PUMP NO.2 SPEED CONTROL	AA-LCP-003	MB+				
Totals				8	6	19	10

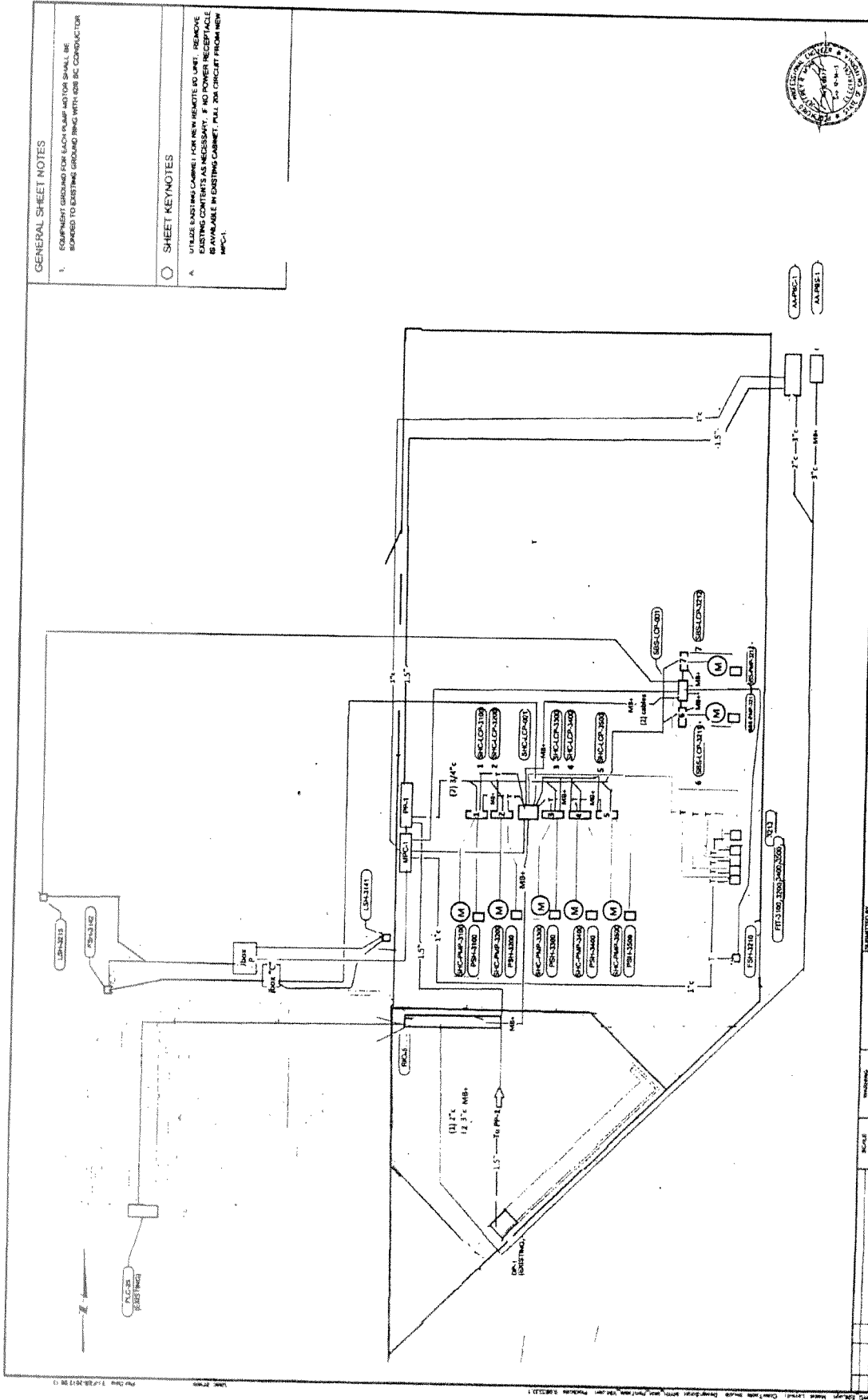


Beiden 9841 ModBus + MB+

61-4 r1

We have installed dedicated conduit from RIO-5 to Ammonia Area

		LAS VIRGENES MUNICIPAL WATER DISTRICT - TAPIA WATER RECLAMATION FACILITY - DISINFECTION UPGRADE COMMUNICATIONS PLAN	
16700 S. 10th Street, Suite 101, Las Virgenes, CA 94945 TEL: 415.463.1000 FAX: 415.463.1001		16/11/2012	
PROJECT NO. 16700-004		USER: []	
SHEET 1 OF 1		DRAWING NO.	
JOB NO.		SCALE: FULL SIZE	
DATE:		BY:	
CHECKED BY:		APPROVED BY:	



GENERAL SHEET NOTES

- EQUIPMENT GROUNDING FOR EACH PUMP MOTOR SHALL BE BONDED TO EXISTING GROUND RING WITH #8B BC CONDUCTOR

SHEET KEYNOTES

- UTILIZE EXISTING CABLES FOR NEW REMOTE IO LINK. REMOVE EXISTING CONTENTS AS NECESSARY. F NO POWER RECEIPTABLE IS AVAILABLE IN EXISTING CABINET, PULL 20A CIRCUIT FROM NEW MPC-1.



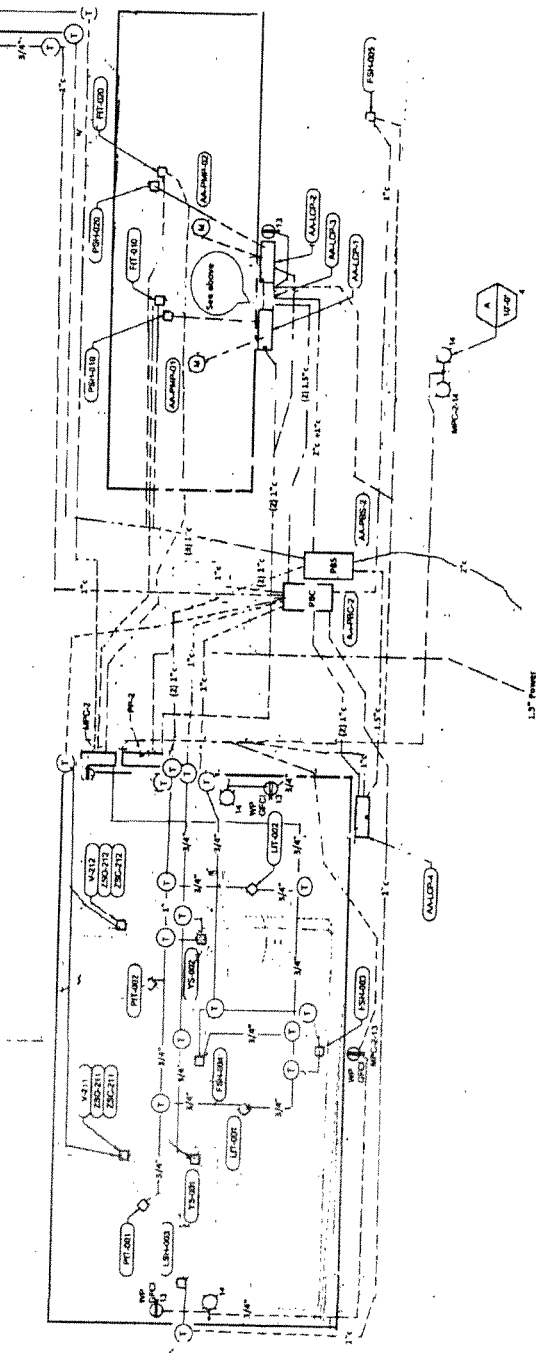
<p>100% NEW AMMONIA FEED PROJECT CHEMICAL BUILDING ELECTRICAL EXISTING CHEMICAL ROOM</p>	
<p>LAS VIRGENES - TRIUNFO JOINT VENTURE AMMONIA STORAGE AND FEED FACILITIES</p>	
<p>MWH</p>	
<p>DESIGNED BY: [Signature] CHECKED BY: [Signature]</p>	<p>SCALE: 1/8" = 1'-0"</p>
<p>DATE: [Blank]</p>	<p>PROJECT NO: [Blank]</p>
<p>NO. [Blank]</p>	<p>DATE: [Blank]</p>

GENERAL SHEET NOTES



Conduit within containment area shall be exposed Alum. Junction boxes and Condulets will be used.
 Control wiring will be grouped within single conduit, and then boxes or conduits will be used to break-off to instrument or device. Signal power and control circuits will not be mixed.

Revised 11-15-2012



TYPE	MANUFACTURER AND MODEL NUMBER	VOLTAGE	DESCRIPTION
A	HOLDNAME PETROLUX 8 SERIES	120V	METAL HALIDE LUMINAIRE FOR CAST LENS APPLICATIONS WITH HOUSING POWDER COATED CLOSED BOTTOM REFLECTOR PENDANT BRACKET FOR POLE MOUNTING U.S. TRADE MARK FOR INDUSTRIAL ENVIRONMENTS

LUMINAIRE SCHEDULE

NO.	DATE	BY	CHKD BY	APP'D BY
1	11/15/12	...	...	...
2	11/15/12	...	...	...
3	11/15/12	...	...	...
4	11/15/12	...	...	...
5	11/15/12	...	...	...
6	11/15/12	...	...	...
7	11/15/12	...	...	...
8	11/15/12	...	...	...
9	11/15/12	...	...	...
10	11/15/12	...	...	...



STATE OF NEVADA
 PROFESSIONAL ENGINEER
 NO. 10000
 11/15/12

LAS VIRGENES - TRIUNFO
 JOINT POWERS AUTHORITY
 AMMONIA STORAGE AND FEED FACILITIES



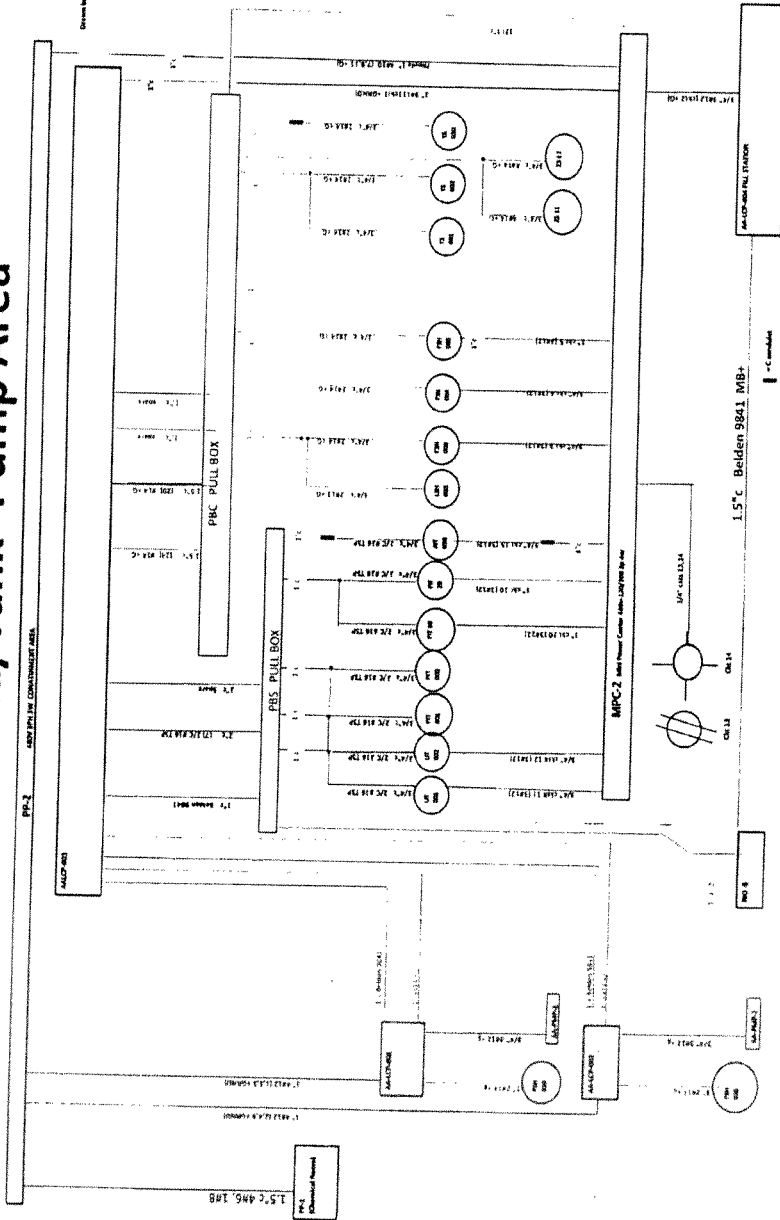
AMMONIA STORAGE ELECTRICAL PLAN

SHEET E-9



Ammonia/Tank - Pump Area

11/15/2012
Revised by: [Signature]



E-SB



C O N S T R U C T I O N

Document 631-LTC-13

James Spicer
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

**RE: Proposed Change Order #18
Tapia WRF Alternative Disinfection - 631**

Dear James Spicer,

We request approval of our Proposed Change Order # 18 for the additional modifications to the PLC.

The total cost for this extra work is \$5,046.00

No additional time is required as a result of this change.

Respectfully,

Anthony Clark, Project Manager
GSE Construction Co., Inc.

GSE CONSTRUCTION INC.
 PROJECT: TAPIA WRF ALTERNATIVE DISINFECTION PROJECT
 PROJECT No.: 631

DATE: 1/22/2013
 GSE CC PCO # 18
 CLIENTS CO #

CHANGE ORDER CALCULATION

DESCRIPTION OF CHANGE		Additional Costs Associated with PCO #10 for PLC Modifications												
DESCRIPTION	QUANTITY	UNIT	UNIT PRICES			LABOR			DIRECT COSTS			TOTAL DIRECT COST		
			EQUIP.	MATERIAL	LABOR	HOURS	RATE	EQUIP.	MATERIAL	LABOR	S/CONTRACT			
COLEMAN ELECTRIC														
Additional PLC Modifications	1	LS	\$0	\$0	0	0.0			\$0	\$0	\$0	\$4,664.85	\$4,664.85	
Sales tax	9.75%												\$0	
TOTALS						0.0	#DIV/0!		\$0	\$0	\$0	\$4,664.85	\$4,664.85	
MARKUP EQUIPMENT	15%								\$0	\$0	\$0	\$0	\$0	
MARKUP MATERIALS	15%								\$0	\$0	\$0	\$0	\$0	
MARKUP ON LABOR	15%											\$0	\$0	
MARKUP SUBCONTRACTS	5%											\$233	\$233	
BOND and INSURANCE (all risk)	1%											\$49	\$49	
Allowance for Small Tools	2%											\$98.94	\$98.94	
TOTAL CHANGE COST														\$5,046



1/16/2013

EW#6

Reference: **Attached BOM**

Additional changes to control System, Based on new materail list developed by Lloyd Trick-MSO

A Labor	JYMN	0.00	hrs x \$75.66		\$0.00
	Labor	0.00	hrs x \$81.58		\$0.00
	Total hours	0.00		SUBTOTAL LABOR	0.00
				MARKUP	0.00
				TOTAL LABOR COSTS	0.00
B Material					
	SUBTOTAL Material	\$0.00			
	tax	8.75%			\$0.00
				SUBTOTAL Material	0.00
				MARKUP	15% 0.00
				TOTAL Material COSTS	0.00
C Subcontractor	ACSE AA-LCP-003				\$1,349.67
	ACSE SBS-LCP-001				\$1,357.05
	ACSE SVHC-LCP-001				\$1,349.67
				MARKUP	15% \$608.46
				TOTAL SUBCONTRACTOR COSTS	\$4,664.85
Equipment					
D	Truck Cal-trans #00-06	0.00	hrs. \$19.98		\$0.00
				MARKUP	\$0.00
					15% \$0.00
				TOTAL equipment COSTS	\$0.00
E				TOTAL A+B+C+D	\$4,664.85

Bryan Coleman

* **From:** Lloyd Trick <ltrick@msotech.com>
Sent: Wednesday, January 16, 2013 3:05 PM
To: Bryan Coleman
Subject: RE: TAPIA CHANGE R1

I went through and did a blind cost comparison and the my findings are similar.

From: Bryan Coleman [<mailto:Bryan@coleman-pacific.com>]
Sent: Wednesday, January 16, 2013 12:50 PM
To: Lloyd Trick
Subject: FW: TAPIA CHANGE R1

Lloyd

See attached and below.

If this is what you want, I will forward an official copy to the GC for approval. Then we can hopefully get the submittal process back on.

Thank you

Bryan W. Coleman, CEO
Coleman-Pacific, Inc
Specialty Electrical Contractors

From: Bob Kavooosi [<mailto:Bobk@ACSEngineering.net>]
Sent: Wednesday, January 16, 2013 12:46 PM
To: Bryan Coleman
Cc: Emily Coleman
Subject: FW: TAPIA CHANGE R1

Bryan,

Here is the extra material that Lloyd has asked for . I did not charge you for the CAD and engineering.

BK

From: MARC SILVA [<mailto:silvam@acsengineering.net>]
Sent: Wednesday, January 16, 2013 12:42 PM
To: 'Bob Kavooosi'
Subject: TAPIA CHANGE R1

Hi bob,

Please see attachment.



ACS Engineering Inc.®

Bid No: BID_13130a

01/15/2013

Project: **Las Virgenes Joint Powers Authority,
Ammonia Storage and Feed Facility Improvements**

Re: **Extra PLC Cost For AA-LCP-003 Panel.**

* This is cost for extra PLC parts.

ITM	QTY	P/N	DESCRIPTION	EACH	EXTENDED
1	1	171 CCC 760 10	CPU	\$826.00	\$826.00
2	1	172 PNN 210 22	MODBLUS +	\$534.00	\$534.00
3	4	170 INT 110 00	COMMUNICATION ADAPTER	\$189.00	\$756.00
4	4	170 XTS 009 00	COMMUNICATION CABLE	\$52.00	\$208.00
5	LS	TAX ON MATERIALS @ 7.75%			\$180.11
6	LS	MATERIALS SUBTOTAL			\$2,504.11
7	LS	ACSE MARK UP ON MATERIALS @ 15%			\$375.61
8	5	170 PNT 110 20	CREDIT FOR (5) MODBLUS +	-(\$252.00)	-(\$1,260.00)
9	5	990 NAD 230 00	CREDIT FOR MODBUS + TAP	-(\$32.00)	-(\$160.00)
10	LS	TAX CREDIT ON \$1,420.00 @ 7.75%			-(\$110.05)
11		TOTAL			\$1,349.67

TOTAL PRICE:

1. **LUMP SUM COST:**..... \$1,349.67

GENERAL TERMS/CONDITIONS:

1. We will not be responsible for field test/calibration of the equipment we are not providing.

Bob Kavoossi
ACSE Inc. X300



ACS Engineering Inc.®

Bid No: BID_13130a

01/15/2013

Project: **Las Virgenes Joint Powers Authority,
Ammonia Storage and Feed Facility Improvements**

Re: **Extra PLC Cost For SBS-LCP-001 Panel.**

*This is cost for extra PLC parts.

ITM	QTY	P/N	DESCRIPTION	EACH	EXTENDED
1	1	171 CCC 760 10	CPU	\$826.00	\$826.00
2	1	172 PNN 210 22	MODBLUS +	\$534.00	\$534.00
3	3	170 INT 110 00	COMMUNICATION ADAPTER	\$189.00	\$567.00
4	3	170 XTS 009 00	COMMUNICATION CABLE	\$52.00	\$156.00
5	LS	TAX ON MATERIALS @ 7.75%			\$161.43
6	LS	MATERIALS SUBTOTAL			\$2,244.43
7	LS	ACSE MARK UP ON MATERIALS @ 15%			\$336.66
8	4	170 PNT 110 20	CREDIT FOR (5) MODBLUS +	-(\$252.00)	-(\$1,008.00)
9	4	990 NAD 230 00	CREDIT FOR MODBUS + TAP	-(\$32.00)	-(\$128.00)
10	LS	TAX CREDIT ON \$1,136.00 @ 7.75%			-(\$88.04)
11		TOTAL			\$1,357.05

TOTAL PRICE:

1. **LUMP SUM COST:**.....\$1,357.05

GENERAL TERMS/CONDITIONS:

1. We will not be responsible for field test/calibration of the equipment we are not providing.

Bob Kavoosi
ACSE Inc. X300



ACS Engineering Inc.®

Bid No: BID_13130a

01/15/2013

Project: **Las Virgenes Joint Powers Authority,
Ammonia Storage and Feed Facility Improvements**

Re: **Extra PLC Cost For SHC-LCP-001Panel.**

X This is cost for extra PLC parts.

ITM	QTY	P/N	DESCRIPTION	EACH	EXTENDED
1	1	171 CCC 760 10	CPU	\$826.00	\$826.00
2	1	172 PNN 210 22	MODBLUS +	\$534.00	\$534.00
3	4	170 INT 110 00	COMMUNICATION ADAPTER	\$189.00	\$756.00
4	4	170 XTS 009 00	COMMUNICATION CABLE	\$52.00	\$208.00
5	LS	TAX ON MATERIALS @ 7.75%			\$180.11
6	LS	MATERIALS SUBTOTAL			\$2,504.11
7	LS	ACSE MARK UP ON MATERIALS @ 15%			\$375.61
8	5	170 PNT 110 20	CREDIT FOR (5) MODBLUS +	-\$252.00	-\$1,260.00
9	5	990 NAD 230 00	CREDIT FOR MODBUS + TAP	-\$32.00	-\$160.00
10	LS	TAX CREDIT ON \$1,420.00 @ 7.75%			-\$110.05
11		TOTAL			\$1,349.67

TOTAL PRICE:

1. **LUMP SUM COST:**..... \$1,349.67

GENERAL TERMS/CONDITIONS:

1. We will not be responsible for field test/calibration of the equipment we are not providing.

Bob Kavossi
ACSE Inc. X300



C O N S T R U C T I O N

Document 631-LTC-7

James Spicer
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

RE: **Proposed Change Order #11**
Tapia WRF Alternative Disinfection - 631

Dear James Spicer,

We request approval of our Proposed Change Order # 11 to change the FRP Grating resin from polyester to vinyl ester per RFI #28.

The total cost for this extra work is \$707.33

No additional time is required as a result of this change.

Respectfully,

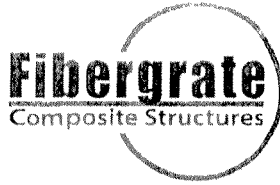
Anthony Clark, Project Manager
GSE Construction Co., Inc.

GSE CONSTRUCTION INC.
 PROJECT: TAPIA WRF ALTERNATIVE DISINFECTION PROJECT
 PROJECT No. : 631

DATE: 10/23/2012
 GSE CC PCO # 11
 CLIENTS CO #

CHANGE ORDER CALCULATION

DESCRIPTION OF CHANGE	UNIT PRICES				LABOR				DIRECT COSTS				TOTAL DIRECT COST
	QUANTITY	UNIT	EQUIP.	MATERIAL	LABOR	RATE	EQUIP.	MATERIAL	LABOR	S/CONTRACT			
FIBERGRATE													
Vinyle Ester Resin	1	L.S.	\$0	\$0	0	0.0	\$0	\$544	\$0	\$0.00			\$544.00
Sales tax								\$53					\$53
TOTALS						0.0	#DIV/0!	\$0	\$597	\$0	\$0	\$0	\$597.04
MARKUP EQUIPMENT		15 %						\$0	\$90				\$90
MARKUP MATERIALS		15 %							\$0				\$0
MARKUP ON LABOR		15 %							\$0				\$0
MARKUP SUBCONTRACTS		5 %								\$0			\$0
BOND and INSURANCE (all risk)		1 %											\$7
Allowance for Small Tools		2 %											\$13.87
TOTAL CHANGE COST													\$707.33



Date: 10/08/12
Change Order 1

Change Order Form

Project:	Las Virgenes Ammonia Storage		
City:	Calabasas	State:	CA
Work Order No.:	725620	PO No.:	63104

Contact:	Tommy Waddell	Email:	twaddell@fibergrate.com
Phone:	(254)977-1342	Fax:	(254)977-1318

Attention:	TJ Clark	Phone:	(925)447-0292
Company:	GSE	Email:	aclark@gseconstruction.com

Action Requested:	Approval	Other:	
Probable Effect:	Increase Price	Value:	\$544.00

Reference:

Transmittal dated 10/05/12 which states Vicorr must be used in place of Corvex .
Spec. Section:
Addenda:

Description of Change: Fibergrate would like to request an adder to the original PO. The change order will be for the following: The cost to change Corvex resin formulation to a Vicorr resin formulation per the customers request on 10/05/12. The cost of Vicorr was not quoted due to the specs supplied 06610 per the customer clearly reads polyester resin on section 2.2 (E).

Other Comments: _____

Approved By _____
Date 10 23 - 2012

GSE Construction
Company



C O N S T R U C T I O N

Document 631-LTC-3

James Spicer
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

**RE: Proposed Change Order #02
Tapia WRF Alternative Disinfection - 631**

Dear James Spicer,

We request approval of our Proposed Change Order # 02 for demolition of the existing sidewalk per RFI #11.

The total cost for this extra work is \$562.00

No additional time is required as a result of this change.

Respectfully,

Anthony Clark, Project Manager
GSE Construction Co., Inc.

GSE CONSTRUCTION INC.
 PROJECT: TAPIA WRF ALTERNATIVE DISINFECTION PROJECT
 PROJECT No.: 631

DATE: 9/17/2010
 GSE_CC_PCO # 02
 CLIENTS_CO #

CHANGE ORDER CALCULATION

DESCRIPTION OF CHANGE: Demo sections of sidewalk not shown on the contract drawings, pr RFI #11												
BRIEF DESCRIPTION OF CHANGE			UNIT PRICES			LABOR			DIRECT COSTS			TOTAL DIRECT COST
DESCRIPTION	QUANTITY	UNIT	EQUIP.	MATERIAL	LABOR	HOURS	RATE	EQUIP.	MATERIAL	LABOR	SUBCONTRACT	
SILVERADO												
Demo Sidewalk	1	LS	\$0	\$0	0	0.0		\$0	\$0	\$0	\$520	\$520
Sales tax	9.75%							\$0	\$0	\$0		\$0
TOTALS						0.0	#DIV/0!	\$0	\$0	\$0	\$520	\$520
MARKUP EQUIPMENT	15%							\$0				\$0
MARKUP MATERIALS	15%											\$0
MARKUP ON LABOR	15%									\$0		\$0
MARKUP SUBCONTRACTS	5%										\$26	\$26
BOND and INSURANCE (all risk)	1%											\$5
Allowance for Small Tools	2%											\$11
TOTAL CHANGE COST												\$562



C O N S T R U C T I O N

Document 631-LTC-12

James Spicer
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

**RE: Proposed Change Order #09 R-1
Tapia WRF Alternative Disinfection - 631**

Dear James Spicer,

We request approval of our Proposed Change Order # 09 R-1 to credit the district for the two electrical pull boxes not used.

The total cost for this extra work is (\$1783.50)

No additional time is required as a result of this change.

Respectfully,

Anthony Clark, Project Manager
GSE Construction Co., Inc.

GSE CONSTRUCTION INC.
 PROJECT: TAPIA WRF ALTERNATIVE DISINFECTION PROJECT
 PROJECT No. : 631

DATE: 12/4/2012
 GSE CC PCO # 09 R-1
 CLIENTS CO #

CHANGE ORDER CALCULATION

DESCRIPTION OF CHANGE:													
BRIEF DESCRIPTION OF CHANGE													
DESCRIPTION	QUANTITY	UNIT	UNIT PRICES			LABOR			DIRECT COSTS			TOTAL DIRECT COST	
			EQUIP.	MATERIAL	LABOR	HOURS	RATE	EQUIP.	MATERIAL	LABOR	S/CONTRACT		
COLEMAN ELECTRIC													
Credit	1	LS	\$0	\$0	0	0.0			\$0	\$0	\$0	-\$1,783.50	
Sales tax													
TOTALS	9.75	%							\$0.00	\$0.00	\$0.00	-\$1,783.50	\$0
MARKUP EQUIPMENT			0%						\$0				\$0
MARKUP MATERIALS			0%										\$0
MARKUP ON LABOR			0%										\$0
MARKUP SUBCONTRACTS			0%										\$0
BOND and INSURANCE (all risk)			0%										\$0
Allowance for Small Tools			0%										\$0.00
TOTAL CHANGE COST													-\$1,783.50



11/30/2012

PCO # 9?

Extra work order# EW2r1

Credit Precast Pull Boxes Unable to fit boxes in locations/area as shown on drawings.

AA-PBS-1

AA-PBC-1

B Material credit (2) Boxes (\$1,640.00)

SUBTOTAL Material	(\$1,640.00)
tax 8.75%	(\$143.50)

SUBTOTAL Material	(1,783.50)
TOTAL Credit COSTS	(1,783.50)

BW



4232 Las Virgenes Road
 Calabasas, California 91302-1994

CONTRACT CHANGE ORDER
 No. 4

Project Tapia WRF Alternative Disinfection Project

Project No. Acct. No.10457.1880.505

Contractor GSE Construction, Inc.

Date March 5, 2013

CONTRACTOR CHANGE ORDER NO. 4 The Contractor is hereby authorized and directed to make the herein described changes from the Plans and Specifications or do the following work not included in the Plans and Specifications for the construction of this project.

This change requested by: GSE Construction, Inc.

DESCRIPTION OF CHANGE:

Description	Amount	Days
Modifications to platform height, including engineering, new stair location and concrete supports, extension of underground duct bank, repair and modifications of handrail all work was required for the relocation of the ammonia containment area.	\$25,573.02	0
TOTAL	\$25,573.02	0

INCREASES
 TOTAL AT AGREED PRICES OR FORCE ACCOUNT \$25,573.02
 DECREASES

Contract Change Order No. 4 Project No. _____ Acct. No. 10457.1880.505

Date March 5, 2013

(2) Estimate of increases and/or decreases in contract items at contract unit prices:

INCREASES

Item	Description	Quantity	Unit Price	Total
TOTAL INCREASES				<u>\$none</u>

DECREASES

Item	Description	Quantity	Unit Price	Total
TOTAL DECREASES				<u>\$none</u>

TOTAL NET _____ IN CONTRACT ITEMS AT CONTRACT UNIT PRICES \$none

TOTAL COST OF THIS CHANGE ORDER **INCREASE** \$ 25,573.02

DECREASE

It is agreed 0 consecutive calendar days extension of time will be allowed by reason of this change.

Recommended by

Departmental Approval

Brett Dingman
Brett Dingman
Water Reclamation Manager

David R. Lippman
David R. Lippman
Director of Facilities and Operations

ACCEPTED:

APPROVED:

GSE Construction
By: GSE Construction

Las Virgenes Municipal Water District
By: David W. Pedersen
David Pedersen, General Manager

Date: 3-6-2013

Date: 03/27/13

Note: Attention is called to the sections of the Special Provisions and Standard Provisions on EXTRA, ADDITIONAL OR OMITTED WORK.

- THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY OWNER
- IF ACCEPTABLE TO THE CONTRACTOR, THIS CHANGE ORDER IS EFFECTIVE IMMEDIATELY



C O N S T R U C T I O N

Document 631-LTC-14

Brett Dingman
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

RE: Proposed Change Order #07
Tapia WRF Alternative Disinfection - 631

Dear Brett Dingman,

We request approval of our Proposed Change Order # 07 to make the necessary modifications to the platform height and engineering, new stair location including concrete supports, extension of the underground duct bank, repair and modification of handrail, and the relocation of the Ammonia Containment Area.

The total cost for this extra work is \$25,573.02

No additional time is required as a result of this change.

Respectfully,

Anthony Clark, Project Manager
GSE Construction Co., Inc.

GSE CONSTRUCTION INC. DATE: 2/22/2013
 PROJECT: TAPIA WRF ALTERNATIVE DISINFECTION PROJECT GSE CC PCO # 7
 PROJECT No. : 631 CLIENTS CO.#

CHANGE ORDER CALCULATION

Cost associated with changing the location of the stairs, raising platform, moving duct bank, and moving containment area.

DESCRIPTION OF CHANGE	QUANTITY	UNIT	UNIT PRICES			LABOR			DIRECT COSTS				TOTAL DIRECT COST	
			EQUIP.	MATERIAL	LABOR	HOURS	RATE	EQUIP.	MATERIAL	LABOR	SICONTRACT			
A. LABOR														
Carpenter Foreman	38	hrs	\$0	\$0	\$0	38.0	78.59		\$0	\$0	\$2,986	\$0.00	\$0.00	\$2,986.42
Carpenter	17	hrs	\$0	\$0	\$0	17.0	69.34		\$0	\$0	\$1,162	\$0.00	\$0.00	\$1,161.78
Cement Finisher/Mason	4	hrs	\$0	\$0	\$0	4.0	66.90		\$0	\$0	\$268	\$0.00	\$0.00	\$267.60
Operator	3	hrs	\$0	\$0	\$0	3.0	81.97		\$0	\$0	\$246	\$0.00	\$0.00	\$245.91
Laborer Group 1	18	hrs	\$0	\$0	\$0	18.0	59.74		\$0	\$0	\$1,075	\$0.00	\$0.00	\$1,075.32
Iron Worker	18	hrs	\$0	\$0	\$0	18.0	77.06		\$0	\$0	\$1,387	\$0.00	\$0.00	\$1,387.44
B. EQUIPMENT														
Backhoe	3	hrs	\$59	\$0	\$0	0.0			\$176	\$0	\$0	\$0.00	\$0.00	\$176.28
wacker Compactor	3	hrs	\$4	\$0	\$0	0.0			\$11	\$0	\$0	\$0.00	\$0.00	\$11.22
C. MATERIALS														
Remco Steel	1	lb	\$0	\$8,108	\$0	0.0			\$0	\$8,108	\$0	\$0.00	\$0.00	\$8,108.00
R&D Steel (Rebar)	1	lb	\$0	\$931	\$0	0.0			\$0	\$931	\$0	\$0.00	\$0.00	\$931.00
C. SUBCONTRACTOR														
Coleman Pacific	1	lb	\$0	\$0	\$0	0.0			\$0	\$0	\$0	\$1,967.85	\$0.00	\$1,967.85
Engineering	1	lb	\$0	\$0	\$0	0.0			\$0	\$0	\$0	\$2,800.00	\$0.00	\$2,800.00
Sales tax	9.75	%							\$881	\$9,920	\$7,124	\$4,768	\$0.00	\$881
TOTALS						98.0	\$72.70		\$188	\$9,920	\$7,124	\$4,768	\$0.00	\$22,000.12

MARKUP EQUIPMENT \$28
 MARKUP MATERIALS \$1,488
 MARKUP ON LABOR \$1,069
 MARKUP SUBCONTRACTS \$238
 BOND and INSURANCE (all risk) \$248
 Allowance for Small Tools \$501.43
 TOTAL CHANGE COST \$25,573.02



1200 South Santa Fe Ave.
 Compton, CA 90221
 Phone (310) 631-6183
 Fax (310) 631-6067
 Lic. 379990

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G S E CONSTRUCTION COMPANY, INC.
 24844 ANZA DRIVE SUITE C
 VALENCIA, CA 91355-1286

R & D CHANGE ORDER No. 1
CUSTOMER JOB No. 63101

R & D JOB No. 6734

JOB NAME: TAPIA WRF ALTERNATIVE DISINFECTION

DESCRIPTION: STAIR CONFLICT, NORTH AND SOUTH FOOTINGS, PER SHEET 1 OF 2 DATED 1/23/12 AND SHEET 2 OF 2 DATED 2/1/13

MATERIAL: 174 lbs. @ \$65.00 / 100 lbs.	=	\$ 113.10
SPECIAL FREIGHT: 1 trip @ \$320.00 / trip	=	\$ 320.00
SUBTOTAL:	=	\$ 433.10
L. A. COUNTY TAX 9.00%:	=	\$ 38.98
OVERHEAD & PROFIT 15%:	=	\$ 64.72
MATERIAL TOTAL:	=	\$ 536.80

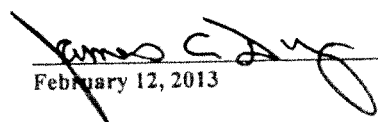
LABOR: 3 hours @ \$75.00 / hour	=	\$ 225.00
SPECIAL DETAILING: 1.5 hours @ \$69.00 / hour	=	\$ 103.50
SUBTOTAL:	=	\$ 328.50
OVERHEAD & PROFIT 20%:	=	\$ 65.70
LABOR TOTAL:	=	\$ 394.20

MATERIAL TOTAL:	=	\$ 536.80
LABOR TOTAL:	=	\$ 394.20
TOTAL:	=	\$ 931.00

**APPROVED:
 GSE CONSTRUCTION**

R & D STEEL

Signed: _____
 Dated: _____


 February 12, 2013



REMCO Machining and Fabrication, Inc.

1966 S. Date
Bloomington, CA 92316
Off (909)877-3530 Fax(909)877-4047 CL #792482 C51
AISC Cert Shop (STD) & LA City Cert.Shop #2051

GSE Construction
6950 Preston Ave.
Livermore Ca. 94551

Phone 925 447 0292
Fax 925 447 0962

RE: Tapia WRF - Calabasas
November 20, 2012
Added: Detailing, 15 Stair Treads & Stair, 26
Lf - Handrail, Height to platform, Connections
at relocated footings.
Our Change Order Request # 1 Rev 012213
Our Job # 1284

Gentlemen:

Subtotal	\$ 7,050.44
15% OH & Profit	<u>\$ 1,057.56</u>
	\$ 8,108.00

Very Truly Yours

Remco Machining and Fabrication, Inc.

Darin Garlich
Chief Estimator

Please sign, date & return via email

Print Name
Sign Name
Date



11/30/2012

PCO#14

Adder: Ammonia Structure was relocated approx. 5+/- ft to clear existing elect ductbank, New Precast boxes at Ammonia Area were relocated an additional 10+/- feet to avoid underground chemical lines,(new location went from front of Ammonia Tanks to fit in between concrete structures).

Thus ductbank length increase overall 15'+/- See attached Audit Trail for break outs. Reference site electrical drawing

A Labor	Labor	6.30	hrs x	\$81.58		\$513.95	See attached Audit Trail
	Total hours	6.30					
					SUBTOTAL LABOR	513.95	
					MARKUP	15%	77.09
					TOTAL LABOR COSTS		591.05
B Material							
						\$982.75	
					SUBTOTAL Material	982.75	
					tax	8.75%	85.99
					SUBTOTAL Material		1,068.74
					MARKUP	15%	160.31
					TOTAL Material COSTS		1,229.05
C Subcontractor							
					MARKUP	15%	\$0.00
					TOTAL SUBCONTRACTOR COSTS		0.00
D Equipment							
	Demo/core bit equipment		hrs.	\$12.38		\$0.00	
	Truck Cal-trans #00-06	6.30	hrs.	\$19.98		\$125.87	
					MARKUP	15%	\$18.88
					TOTAL equipment COSTS		\$144.76
E							
					TOTAL A+B+C+D		\$1,964.85

BJ

Entry	Item#	Description	Quantity	Price	Ext Price	Labor	Ext Labor	Ma
1	S301	FROM TO Length: 20.00						
	1194	3" PVC Conduit	20.00	136.92 C	27.38	2.84 C	0.57	
	3107	1/8" Poly Pull Line	21.00	6.10 M	0.13	1.75 M	0.04	
	2367	3"x3" Base Spacer	2.50	103.67 C	2.59	7.00 C	0.18	
2	S301A	FROM TO Length: 20.00						
	1192	2" PVC Conduit	20.00	68.04 C	13.61	2.19 C	0.44	
	3107	1/8" Poly Pull Line	21.00	6.10 M	0.13	1.75 M	0.04	
	2366	2"x3" Base Spacer	2.50	91.79 C	2.29	7.00 C	0.18	
3	S301B	FROM TO Length: 20.00						
	1192	2" PVC Conduit	20.00	68.04 C	13.61	2.19 C	0.44	
	3107	1/8" Poly Pull Line	21.00	6.10 M	0.13	1.75 M	0.04	
	2366	2"x3" Base Spacer	2.50	91.79 C	2.29	7.00 C	0.18	
4	C301	FROM TO Length: 20.00						
	1194	3" PVC Conduit	20.00	136.92 C	27.38	2.84 C	0.57	
	3107	1/8" Poly Pull Line	21.00	6.10 M	0.13	1.75 M	0.04	
	2367	3"x3" Base Spacer	2.50	103.67 C	2.59	7.00 C	0.18	
5	C301A	FROM TO Length: 20.00						
	1192	2" PVC Conduit	20.00	68.04 C	13.61	2.19 C	0.44	
	3107	1/8" Poly Pull Line	21.00	6.10 M	0.13	1.75 M	0.04	
	2366	2"x3" Base Spacer	2.50	91.79 C	2.29	7.00 C	0.18	
6	P-002	FROM TO Length: 10.00						
	1191	1-1/2" PVC Conduit	10.00	52.08 C	5.21	1.97 C	0.20	
	2817	#6 XHHW CU Stranded Wire	40.00	592.25 M	23.69	6.56 M	0.26	
	2816	#8 XHHW CU Stranded Wire	10.00	398.01 M	3.98	5.91 M	0.06	
	3107	1/8" Poly Pull Line	10.50	6.10 M	0.06	1.75 M	0.02	
	2366	2"x3" Base Spacer	1.25	91.79 C	1.15	7.00 C	0.09	
8	11111158	Rebar	1.00	Quote 96	0.00	Open	0.00	
9	11112513	Underground warning Tape	20.00	0.20 E	4.00	0.20 C	0.04	
10	7135	RED 3000# Concrete (Cu. Yards)	4.44	185.00 E	821.40	0.48 E	2.13	

+ rebar
 \$ 967.75
 15
 \$ 982.75
 6.3 hrs
 6.3 hrs



Larry Miyano • Jeff Kennedy • Bud Malmanis • Eric Kreager • John Cook

12/3/2012

MKM File No. 120434

GSE Construction Company, Inc.
24844 Anza Drive, Suite C
Valencia CA 91354
Attn.: TJ Clark

Re: Las Virgenes - Triunfo Platform
Las Virgenes Road
Malibu, CA

Dear Mr. Clark,

Please find enclosed a Professional Services Agreement for structural consulting services on the above referenced project.

The information on this agreement will describe to you the scope of services, fees and various MKM policies. Please sign and return the enclosed Agreement along with the required retainer fee of \$1,000 so that we may schedule your project.

If you have any questions, please do not hesitate to call this office.

Sincerely,

MKM & ASSOCIATES
A California Corporation

A handwritten signature in black ink, appearing to read 'Larry Miyano'. The signature is fluid and cursive, with a large loop at the end.

Larry Miyano

LM:LM
Enclosures
PS120312LM.doc



Professional Services Agreement

CLIENT INFORMATION

GSE Construction Company, Inc.
24844 Anza Drive, Suite C
Valencia CA 91354
Attn.: TJ Clark

PROJECT INFORMATION

Las Virgenes - Triunfo Platform
Las Virgenes Road,
Malibu, CA

MKM FILE # 120434

SCOPE OF SERVICES

For the above referenced project, MKM & Associates will provide structural consultation services as noted below:

Engineering Services

- Value engineering review. This includes modifying the shop drawing by REMCO to find the most efficient way to laterally brace the platform/stairs and meet the engineering requirements specified on the drawings by Lee & Ro, Inc.
- Supporting structural calculations signed for submission and approval by Engineer-of-Record.
- Review of structural steel shop drawings. MKM will stamp the final shop drawings with our shop drawing stamp indicating conformance with design intent. Signing plans by others is not included as part of this contract.

COMPENSATION FOR SERVICES

MKM & Associates will provide the above services for the fee(s) noted below:

Engineering Services

Fixed Fee of \$2,800.00.

STRUCTURAL OBSERVATION

MKM & Associates can provide structural observation services during the construction phase of your project. If authorized, these services will be provided on a Time and Expense basis unless otherwise agreed upon. Fees will be based on MKM & Associates current billing rates (see attached). Without structural observation services, the work performed by MKM & Associates is limited to the original preparation of basic design concepts. Accordingly, if you do decide to move forward to construction without the benefit of structural observation by MKM & Associates, MKM & Associates will be unable to accept responsibility or liability for problems that could have been prevented or mitigated through our observation.

GEOTECHNICAL REPORT

It is the Client's responsibility to provide MKM & Associates with a Geotechnical Report for the project site. If the client elects to forgo a Geotechnical Report, the Client agrees to hold MKM & Associates harmless for any issues that may occur due to known or unknown soil conditions.



Professional Services Agreement

ADDITIONAL SERVICES

Construction related services such as construction observation, construction methods, contractor changes, etc. are not included in the proposal fee unless noted above. These services will be provided by MKM & Associates as requested on a time and material basis. Fees will be based on MKM & Associates current billing rates (see attached: "Billing Rates").

TERMINATION OF SERVICES

Either party may terminate this agreement by giving written notice to the other party. MKM & Associates shall be paid in full for all work and reimbursables previously authorized and performed prior to the effective date of termination. If no notice of termination is given, relationships and obligations created by this agreement shall be terminated only upon completion of all applicable requirements of the agreement.

BILLINGS/PAYMENTS

Invoices will be submitted monthly for services/reimbursable expenses and are due and payable when rendered. Invoice shall be considered PAST DUE if not paid within 30 days after the invoice date and MKM & Associates may without liability whatsoever, terminate the performance of the service. A service charge will be charged at 1.5% per month or \$5.00 per month, whichever is greater, on the unpaid balance. In the event any portion or all of an account remains unpaid 90 days after the invoice date, the Client shall pay cost of collection, including reasonable attorney's fees. Client shall be charged a \$25.00 service fee on all returned checks.

RISK ALLOCATION

To the fullest extent permitted by law, the total liability, in the aggregate of MKM & Associates, MKM & Associates' officers, employees, agents, and independent professional associates and consultants, and any of them, to the Client and anyone claiming by, through, or under the Client, for any and all injuries, claims, losses, expenses, or damages whatsoever arising out of or in any way related to MKM & Associates' services, the project, or this Agreement, including but not limited to the tort liability or breach of contract or warranty, if any, of MKM & Associates shall not exceed the total compensation received by MKM & Associates under this Agreement or the total amount of \$100,000, whichever is greater.

PROFESSIONAL STANDARDS

MKM & Associates shall perform the services and furnish the product therefrom to the level of that provided by other practicing professional engineers engaged in the same type of work in the local community at the time the work is performed, for the professional and technical soundness, accuracy, and adequacy of all design, drawings, specifications and other work and materials furnished by MKM & Associates. MKM & Associates makes no warranty, expressed or implied.

USE OF DOCUMENTS

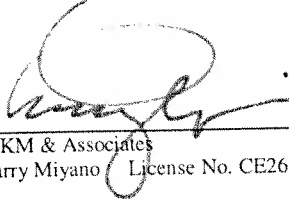
All drawings, specifications and calculations are instruments of service for this project only and should be considered preliminary and subject to change until final approval by the building department and all other governing agencies has been received. Reuse without MKM & Associates written approval shall relieve MKM & Associates of all responsibility.



Professional Services Agreement

Client Signature

Date



MKM & Associates

Larry Miyano License No. CE26311

12/3/2012

Date

Tax Payer ID # or Social Security #

Document 1

Current Billing Rates
Effective 1/1/2011

Principal Engineer	\$160/hour
Engineer 2	\$130/hour
Engineer 1	\$115/hour
Structural Designer 1	\$100/hour
Structural Technician 3	\$ 85/hour
Structural Technician 2	\$ 80/hour
Structural Technician 1	\$ 70/hour
Clerical	\$ 40/hour
Reimbursable Expenses	Cost plus 10%
Travel Time	Hourly Rate

