



LAS VIRGENES MUNICIPAL WATER DISTRICT
4232 Las Virgenes Road, Calabasas CA 91302

AGENDA
REGULAR MEETING

Members of the public wishing to address the Board of Directors are advised that a statement of Public Comment Protocols is available from the Clerk of the Board. Prior to speaking, each speaker is asked to review these protocols and **MUST** complete a speakers' card and hand it to the Clerk of the Board. Speakers will be recognized in the order cards are received.

The Public Comments agenda item is presented to allow the public to address the Board on matters not on the agenda. The public may present comments on any agenda item at the time the item is called upon for discussion.

Materials prepared by the District in connection with subject matter on the agenda are available for public inspection at 4232 Las Virgenes Road, Calabasas, CA 91302. Materials prepared by the District and distributed to the Board during this meeting are available for public inspection at the meeting or as soon thereafter as possible. Materials presented to the Board by the public will be maintained as part of the records of these proceedings and are available upon written request to the Clerk of the Board.

5:00 PM

April 8, 2014

PLEDGE OF ALLEGIANCE

1. CALL TO ORDER AND ROLL CALL

A The meeting was called to order at _____ p.m. by _____ in the District offices, and the Secretary called the roll.

<u>Board of Directors</u>	<u>Present</u>	<u>Left</u>	<u>Absent</u>
Charles Caspary, President	_____	_____	_____
Glen Peterson, Vice President/MWD Rep.	_____	_____	_____
Barry Steinhardt, Secretary	_____	_____	_____
Leonard Polan, Treasurer	_____	_____	_____
Lee Renger, Director	_____	_____	_____

2. **APPROVAL OF AGENDA**

- A** Moved by Director _____, seconded by Director _____, that the agenda for the Regular Meeting of April 8, 2014, 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. **CONSENT CALENDAR**

- A** List of Demands: April 8, 2014. Approve
- B** Minutes: Regular Meeting of February 11, 2014. Approve
- C** Directors' Per Diem: March 2014. Ratify

5. **ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS**

- A** 2014 Solar Cup Presentation
- B** Award Presentation by Ventura County APWA for Project of the Year, Emergency Repair Category: Calabasas Road Pipeline Replacement Project
- C** Legislative and Regulatory Updates

6. **TREASURER**

7. **BOARD OF DIRECTORS**

- A** **ACWA Polling for 2014 Water Bond: Request for Contribution**

Approve a \$5,000 contribution to ACWA for the collection of polling data to determine the level of support for a modified 2014 Water Bond.

8. **FACILITIES AND OPERATIONS**

- A** **24563 Piuma Road (APN 4453-025-003): Approval of Proposed Water Main Extension Concept**

Approve the water main extension concept for 24563 Piuma Road (APN 4453-025-003) and authorize the General Manager to execute a water main extension agreement with the property owner in a form approved by the District's Legal Counsel.

- B** **Tract No. 46799-02: Quitclaim of Surplus Easement**

Declare the blanket easement for Tract No. 46799-02, Los Angeles County Recorder's Document No. 01-1954455, surplus and authorize the General Manager to quitclaim the easement.

9. **FINANCE AND ADMINISTRATION**

- A** **Regulator Maintenance and Replacement Program: Contract for Purchase and Delivery of Cla-Val Parts and Products**

Authorize the General Manager to execute a month-to-month contract with Famcon Pipe &

Supply, Inc., through June 30, 2014 for an amount not-to-exceed \$100,000, for the purchase and delivery of Cla-Val parts and products.

B Ford Meter Box Parts and Fittings: Award of Bid

Accept the bid from Famcon Pipe and Supply, Inc., and authorize the General Manager to execute a one-year contract in the amount of \$49,373.53, with three one-year renewal options, for the supply of Ford Meter Box parts and fittings.

10. RESOURCE CONSERVATION AND PUBLIC OUTREACH

A Budget-Based Water Rates: Approval of Proposals for Consulting Services and Aerial Imagery, and Update on Automated Meter Reading Implementation Project

Approve the proposal from Tom Ash & Associates and authorize the General Manager to execute a professional services agreement to provide advisory consulting services in an amount not to exceed \$37,500 for transitioning to budget-based water rates; and approve the proposal from Eagle Aerial Imaging and authorize the General Manager to execute a professional services agreement for an amount not to exceed \$49,220, plus applicable sales tax, to provide aerial imagery and irrigated area data for District-served parcels.

B Financial Analysis and Rate Study: Approval of RFP

Approve the Request for Proposals for a financial analysis and rate study.

11. INFORMATION ITEMS

A Backbone Improvement Program 5-Million-Gallon Tank Project: Questions about Blasting and Dam Safety

12. NON-ACTION ITEMS

A Organization Reports

- (1) MWD
 - a. Representative Report/Agenda(s)
- (2) Other

B Director's Reports on Outside Meetings

C General Manager Reports

- (1) General Business
- (2) Follow-Up Items

D Director's Comments

13. FUTURE AGENDA ITEMS

14. 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

15. CLOSED SESSION**A Conference with District Counsel – Existing Litigation (Government Code Section 54956.9(a)):**

1. Las Virgenes - Triunfo Joint Powers Authority v. United States Environmental Protection Agency
2. Heal the Bay, Inc. v. Lisa P. Jackson
3. San Diego County Water Authority v. Metropolitan Water District of Southern California, et al.

16. OPEN SESSION AND ADJOURNMENT

LAS VIRGENES MUNICIPAL WATER DISTRICT

To: LEONARD POLAN, TREASURER

Payments for Board Meeting of: April 8, 2014

Upon certification by the Treasurer the checks and wire transfers were correct and supporting documents available, it is recommended the following demands on the various funds be approved and payments authorized.

Wells Fargo Bank A/C No. 4806-994448

Checks Nos. 65383 through 65515 were issued in the total amount of

\$ 489,823.19

Payments through wire transfers as follows:

3/28/2014 Metropolitan Water Dist. Payment for water deliveries in the month of January 2014.

1,996,166.43

Total wires

\$ 1,996,166.43

Total payments

\$ 2,485,989.62

(Reference is hereby to these demands on file in the District's Check Register and by this reference the same is incorporated herein and made a part hereof.)

ITEM 4A

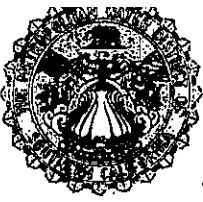
**CHECK LISTING FOR BOARD MEETING
04/08/14**

Company Name	Company No.	Check No. 65383 thru 65426 03/25/14	Amount	Check No. 65427 thru 65461 04/01/14	Amount	Check No. 65462 thru 65515 04/08/14	Amount	Total
Potable Water Operations	101	9,600.62		27,006.36		13,004.30		49,611.28
Reclaimed Water Operations	102						0.00	0.00
Sanitation Operations	130	1,400.21		3,802.45				5,202.66
Potable Water Replacement	301	17,620.59		6,111.96		229,254.88		252,987.43
Sanitation Replacement	330						0.00	0.00
Internal Service	701	30,417.28		29,596.50		31,697.05		91,710.83
Joint Venture Operations	751	18,820.11		17,926.75		43,064.28		79,811.14
Joint Venture Construction	752						0.00	0.00
Joint Venture Replacement	754	4,527.50				5,972.35		10,499.85
Total Printed		82,386.31		84,444.02		322,992.86		489,823.19

Voided Checks/payment stopped:

Total Voids	0.00	0.00	0.00
Net Total	82,386.31	84,444.02	322,992.86
			489,823.19

ITEM #A



MWD
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA
 700 North Alameda Street
 Los Angeles, CA, 90012-2944

INVOICE

Billed To:
 Las Virgenes Municipal Water District



Service Address
 4232 Las Virgenes Road
 Calabasas, CA 91302

January 2014	Page No. 1 of 1
Mailed: 02/10/2014	Due Date: 03/28/2014
Invoice Number: 7923	Revision: 0

NOTICE
 The MWD Administrative Code Section 4507 and 4508 require that payment must be made in "Good Funds" by the due date or the payment will be considered delinquent and an additional charge shall be assessed.

DELIVERIES	Volume (AF)
Total Water Treated Delivered	2,049.3

SALES	Type	Volume (AF)	Rate (\$ /AF)	Total (\$)
Full Service	Tier 1 Supply Rate	2,049.3	\$148.00	\$303,296.40
	System Access Rate	2,049.3	\$243.00	\$497,979.90
	Water Stewardship Rate	2,049.3	\$41.00	\$84,021.30
	System Power Rate	2,049.3	\$161.00	\$329,937.30
	Treatment Surcharge	2,049.3	\$297.00	\$608,642.10
SUBTOTAL				\$1,782,877.00

OTHER CHARGES AND CREDITS	Rate (\$ /AF)	
Readiness To Serve Charge(Payment Schedule: M)	\$140,827.76	
Capacity Charge(Payment Schedule: M)	\$31,461.67	
SUBTOTAL		\$172,289.43

ADDITIONAL INFORMATION	Volume (AF)	Tier1 %	Peak Day	Flow (CFS)
Purchase Order Commitment (Jan 2003 to Dec 2014)	164,524.0			
Purchase Order Firm Delivery To Date (Jan 2003 to Dec 2014)	251,631.9			
Tier 1 Annual Limit (For Current Calendar Year)	20,699.0			
Tier 1 YTD Deliveries (For Current Calendar Year)	2,049.3	9.9		
Tier-1 Current Month Deliveries	2,049.3			
Capacity Charge			8/27/2010	43.9

INVOICE TOTAL

Volume AF	Amount Now Due
2,049.3	\$1,996,166.43

Note: Amount Due is based on highlighted fields

Approved for Payment

 David W. Pedersen, P.E.
 02/12/14

Approved for Payment

 David R. Lippman
 2/10/14

P A I D
 Wired 3/20/14 JC
 MEM 14

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	TY	Document Number	Key	Item	Co	Amount	Invoice Number
65383	03/25/14	2328	AERVOE INDUSTRIES, INC.	MARKING PAINT-STORAGE	PV	131505	001	00701		272.16	2014-025485-0
				FREIGHT	PV	131505	004	00701		41.49	2014-025485-0
				Payment Amount						313.65	0
65384	03/25/14	3077	AIRGAS USA, LLC	2/14 CYLINDER RENT	PV	131532	001	00701		566.73	9916665547
			All Payee								
			6658 AIRGAS USA, LLC								
			P. O. BOX 7423								
			PASADENA CA 91109-7423								
65385	03/25/14	18563	ALTURA PAINT CENTER, INC	STUNT RD P/S-8	PV	131533	001	00701		889.44	238896
				URETHANE PAINT							
				FREIGHT	PV	131533	002	00701		49.09	238896
				Payment Amount						938.53	
65386	03/25/14	17389	ANIMAL & INSECT PEST MANAGEMENT, INC	2/14 PEST CONTROL	PV	131498	001	00701		54.60	75192
				2/14 PEST CONTROL	PV	131498	003	00701		29.40	75192
				2/14 PEST CONTROL	PV	131499	001	00701		110.25	75193
				2/14 PEST CONTROL @ TAPIA	PV	131500	001	00701		110.25	75197
				2/14 PEST CONTROL @ WLK	PV	131501	001	00701		54.00	75195
				2/14 PEST CONTROL @ WLK-DAM	PV	131502	001	00701		80.00	75196
				2/14 PEST CONTROL @ EQ TNK	PV	131503	001	00701		54.00	75194
				2/14 PEST CNTRL @ MNTR CTL CTR	PV	131516	001	00701		60.00	75244

ITEM 4A

Batch Number - 228929

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Number	Key itm	Co	Amount	Invoice Number
65387	03/25/14	2869	AT&T	Payment Amount					552.50	
				SRV. 3/5-4/4/14	PV	131521	001	00701	290.45	9065/030514
				SRV. 3/5-4/4/14	PV	131522	001	00701	292.68	9268/030514
				SRV 3/5 - 4/4/14	PV	131523	001	00101	59.79	9054/030514
				SRV. 3/5 - 4/4/14	PV	131526	001	00101	184.01	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	002	00101	124.47	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	003	00101	594.03	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	004	00101	5,513.00	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	005	00101	86.57	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	006	00101	55.42	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	007	00101	55.42	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	008	00101	55.42	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	009	00101	55.42	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	010	00101	55.42	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	011	00101	110.84	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	012	00101	55.42	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	013	00101	57.41	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	014	00101	55.42	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	015	00101	55.42	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	016	00101	55.42	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	017	00101	55.00	0051/030514

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Batch Number - 229929

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Doc. Ty	Document Number	Key Item	Co	Amount	Invoice Number
				SRV. 3/5 - 4/4/14	PV	131526	018	00101	55.42	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	019	00101	55.42	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	020	00101	55.42	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	021	00101	55.42	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	022	00101	27.71	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	023	00101	27.71	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	024	00101	1,063.05	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	025	00101	465.30	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	026	00101	1,275.74	0051/030514
				SRV. 3/5 - 4/4/14	PV	131526	027	00101	55.42	0051/030514
				Payment Amount					11,003.64	
65388	03/25/14	18986	AT&T	SRV. 3/5-4/4/14	PV	131524	001	00701	689.26	1657/030514
				Payment Amount					689.26	
65389	03/25/14	9631	AT&T LONG DISTANCE	LONG DISTN SRV-1/30-2/28 /14	PV	131574	001	00701	213.18	806368136/030 414
				LONG DISTN SRV-1/30-2/28 /14	PV	131574	002	00701	.76	806368136/030 414
				LONG DISTN SRV-1/30-2/28 /14	PV	131574	003	00701	16.93	806368136/030 414
				LONG DISTN SRV-1/30-2/28 /14	PV	131574	004	00701	16.31	806368136/030 414
				LONG DISTN SRV-1/30-2/28 /14	PV	131574	005	00701	16.82	806368136/030 414
				Payment Amount					264.00	
65390	03/25/14	16253	AT&T MOBILITY	WIRELESS SRV	PV	131543	001	00701	98.18	992789332X031

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Batch Number - 229929

Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	TY	Number	Key lim Co	Amount	Invoice Number
				2/4-3/3/14	PV	131543	002 00701	16.50	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	003 00701	1,165.52	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	004 00701	107.00	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	005 00701	45.03	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	006 00701	58.25	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	007 00701	16.50	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	008 00701	11.55	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	009 00701	4.95	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	010 00701	186.50	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	011 00701	130.62	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	012 00701	28.53	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	013 00701	222.09	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	014 00701	17.10	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	015 00701	16.50	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	016 00701	45.03	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	017 00701	57.06	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	018 00701	66.02	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	019 00701	16.50	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	020 00701	28.53	12014 992789332X031
				WIRELESS SRV					
				2/4-3/3/14	PV	131543	021 00701	57.15	12014 992789332X031
				WIRELESS SRV					

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Batch Number - 229929

Bank/Account - 00146607 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
						Number	itm Co		
65391	03/25/14	18654	AT&T TELECONFERENCE E SERVICES	WIRELESS SRV 2/4-3/3/14	PV	131543	022 00701	130.62	992789332X031
				Payment Amount				2,525.73	12014
65392	03/25/14	18782	BURTON BRIL	REIMB-IV&V OP CRT CLS	PV	131560	001 00701	1,272.94	021414
				Payment Amount				114.03	
65393	03/25/14	18944	BTC LABS - VERTICAL V	GEOTECH TSTG-FEB 2014	PV	131506	001 00701	2,087.00	000013328
				Payment Amount				1,272.94	
65394	03/25/14	18739	CALIFORNIA HAZARDOUS SERVICES, INC.	FUEL TANK/PUMP TEST @ 2/24/14	PV	131552	001 00701	2,257.65	55065
				Payment Amount				2,087.00	
65395	03/25/14	18982	CDW-GOVERNMENT T	CISCO SF100D-16P SWTCH	PV	131534	001 00701	207.10	KJ49692
				Payment Amount				2,257.65	
65396	03/25/14	8612	DURHAM SCHOOL SERVICES	CALABASAS HS	PV	131557	001 00751	369.84	8092494
				Payment Amount				207.10	
65397	03/25/14	18441	EMPLOYEE RELATIONS NETWORK	PRE-EMPL BCKGRND: BETANCUR	PV	131527	001 00701	122.75	66735
				Payment Amount				1,052.06	
65398	03/25/14	8173	EXCEL PRINT RESOURCES	BUSINESS CARDS-M.H. & D.P.	PV	131571	001 00701	63.22	2228
				Payment Amount				122.75	

ITEM 4A

Batch Number - 229929
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item Co	Amount	Invoice Number
65399	03/25/14	2688	GEOLABS	Payment Amount FEB CONCRETE/FLD OBSV	PV	131507	001 00701	723.50	21403023
								63.22	
65400	03/25/14	18646	HDR ENGINEERING, INC.	Payment Amount 11/3-11/30/13 -CLB TNK REHAB	PV	131517	001 00701	8,050.91	00122929-B
65401	03/25/14	16809	ICTUS CONSULTING, LLC	Payment Amount 1/14 RECORDS MGT SVC	PV	131510	001 00701	2,795.00	LVMWD-140101
65402	03/25/14	2786	IRON MOUNTAIN RECORDS MANAGEMENT	2/14 RECORDS MGT SVC	PV	131511	001 00701	3,250.00	LVMWD-140201
65403	03/25/14	5230	KENNEDY/HENKS CONSULTANTS	Payment Amount P/E 2/28/14-CONST DSGN SVC	PV	131508	001 00701	7,482.68	80589
65404	03/25/14	2814	MCMASTER-CARR SUPPLY CO	Payment Amount BARRICADE TAPE FREIGHT	PV	131567	001 00701	188.17	75347106
					PV	131567	002 00701	9.59	75347106
65405	03/25/14	19159	MONT CALABASAS	Payment Amount DEPOSIT RFND-BD RM 3/26	PV	131518	001 00701	100.00	030614
65406	03/25/14	2839	MOTION INDUSTRIES, INC.	Payment Amount REDUCER GEARBOX	PV	131540	001 00701	1,977.81	CA22-575473
					PV	131568	001 00701	342.34	CA22-575546

ITM/A

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	TY	Document Number	Key	Amount	Invoice Number	
Number	Date	Number				Number	Item	Co	Number	
FILE 749376										
LOS ANGELES CA 90074										
65407	03/25/14	16754	NATURAL SURROUNDINGS	Payment Amount FLORAL MAINT-MAR '14	PV	131535	001	00701	2,320.15	5955
65408	03/25/14	2852	NEW PIG CORP	Payment Amount ABSORBENT MAT FREIGHT SPILL KITS SPILL KITS FREIGHT ABSORBENT MATS ABSORBENT MATS FREIGHT ABSORBENT MATS FREIGHT	PV	131545	001	00701	235.00	4623354-00 4623354-00 21337957-00 21337957-00 21337957-00 21337957-00 4622983-00
65409	03/25/14	18946	PACIFIC ADVANCED CIVIL ENGINEERING, INC.	Payment Amount DSGN SRV-RSVR #2	PV	131550	003	00701	123.29	4622983-00
65410	03/25/14	2871	PACIFIC COAST BOLT	Payment Amount BOLT, 1" X 4-12", HEX HEAD 31 SS NUTS & BOLTS	PV	131489	001	00701	3,804.00	21335854-00 95342
65411	03/25/14	18555	PLASTICPLACE. NET	Payment Amount 42 GAL PLASTIC TRASHCAN LINERS	PV	131569	001	00701	1,673.59	376429-00 376431-00
65412	03/25/14	18530	PR ELECTRONICS INC.	Payment Amount PARTS FOR ORGALIME S2000	PV	131570	001	00701	213.52	65927 20378
									775.26	
									775.26	

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Batch Number - 229929

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	TY	Number	Item	Co	Key	Amount	Invoice Number
65413	03/25/14	2685	PURETEC	BOILER STRE	PV	131491	001	00701		315.84	1287693
				TRTMNT 3/14							
				14" D I	PV	131494	001	00701		94.29	1301909
				RENTAL-MAR							
				'14							
				8" D I	PV	131515	001	00701		22.06	1302122
				RENTAL-MAR							
				'14							
				Payment Amount					432.19		
65414	03/25/14	2907	RED WING SHOE STORE	PROTECTIVE FOOTWEAR (6)	PV	131556	001	00701		155.33	416000001065
				PROTECTIVE FOOTWEAR (6)	PV	131556	002	00701		201.01	416000001065
				PROTECTIVE FOOTWEAR (6)	PV	131556	003	00701		201.00	416000001065
				PROTECTIVE FOOTWEAR (6)	PV	131556	004	00701		219.29	416000001065
				PROTECTIVE FOOTWEAR (6)	PV	131556	005	00701		225.00	416000001065
				PROTECTIVE FOOTWEAR (6)	PV	131556	006	00701		211.04	416000001065
				Payment Amount					1,212.67		
65415	03/25/14	10643	JEFF REINHARDT	REIMB-ACWA	PV	131561	001	00701		384.52	030514
				LEG SYMPSM							
				3/4-3/5							
				Payment Amount					384.52		
65416	03/25/14	17174	ROTH STAFFING COMPANIES, LP	TEMP SRV W/E	PV	131520	001	00701		293.60	12960377
				3/8/14 S.T.							
				Payment Amount					293.60		
65417	03/25/14	8752	SIMPLEXGRINNE LL LP	RPL PORU @ DELUGE VALVE	PV	131589	001	00101		1,115.50	69759077
				Payment Amount					1,115.50		
65418	03/25/14	19093	SOLARCITY CORPORATION	RWP/IS	PV	131551	001	00751		10,849.64	9133440/03121
				2/1-2/28/14							4
				Payment Amount					10,849.64		
65419	03/25/14	2998	SOUTHERN CALIFORNIA GAS CO	TAPIA PLANT	PV	131528	001	00751		1,003.87	4000/031214
				2/6-3/10/14							
				SRV	PV	131529	001	00701		3,045.30	3600/031214
				2/6-3/10/2014							
				RANCHO	PV	131530	001	00751		87.51	4200/031214

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key	Key	Amount	Invoice Number
							Lim	Co		
				2/6-3/10/2014						
				CORNELL P/S	PV	131531	001	00101	16.91	0400/031214
				2/6 - 3/10/14						
				Payment Amount					4,153.59	
65420	03/25/14	8212	STANSBERRY'S WELDING	REPAIR MCHGN LOADER	PV	131565	001	00701	595.00	1970
				2/25/14						
				Payment Amount					595.00	
65421	03/25/14	3429	UNITED PARCEL SERVICE	PKG DELIVERY SRV-FEB 2014	PV	131513	001	00701	156.47	00002SW020104
				Payment Amount					156.47	
65422	03/25/14	3011	UNITED SPECIALTIES	CLEANER-BIODE GRADABLE, 1 GAL	PV	131488	001	00701	391.53	82335
				Payment Amount					391.53	
65423	03/25/14	16271	USA MOBILITY WIRELESS, INC	PAGER SRV 3/10-4/10/14	PV	131553	001	00701	65.82	X0143084C
				Payment Amount					391.53	
				PAGER SRV 3/10-4/10/14	PV	131553	002	00701	69.81	X0143084C
				Payment Amount					69.81	
				PAGER SRV 3/10-4/10/14	PV	131553	003	00701	68.97	X0143084C
				Payment Amount					68.97	
				PAGER SRV 3/10-4/10/14	PV	131553	004	00701	40.64	X0143084C
				Payment Amount					40.64	
65424	03/25/14	2780	VALLEY NEWS GROUP	DISPLAY ADS (2) 3/12/14	PV	131562	001	00101	360.00	3-13
				Payment Amount					245.24	
				DISPLAY ADS (2) @ 3/6/14	PV	131573	001	00101	160.00	3-7
				Payment Amount					520.00	
65425	03/25/14	16122	VOLVO CONSTRUCTION EQUIPMENT	BRK LINING, SCREW & FILTERS	PV	131563	001	00701	394.57	P504036114
				Payment Amount					394.57	
				PRESSURE MONITOR	PV	131564	001	00701	84.27	P504037114
				Payment Amount					478.84	
65426	03/25/14	3049	WEST COAST WATER SERVICE, INC	WTR TRTMT RE BOILER 3/14	PV	131495	001	00701	322.00	22886
				Payment Amount					322.00	
				Total Amount of Payments Written					82,386.31	

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Las Virgenes Municipal Water
A/P Auto Payment Register

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Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Document	Key	Key Co	Amount	Invoice Number
					TY	Number	44	Total Number of Payments Written	

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Batch Number - 230248
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
65427	04/01/14	19077	AGOURA LUBE & SMOG	VEH#814:SHCKS &BALL JTS	PV	131772	001 00701	1,103.07	11371
65428	04/01/14	3077	AIRGAS USA, LLC	SAFETY SUPPLIES	PV	131614	001 00701	245.90	9024930092
Alt Payee 6658 AIRGAS USA, LLC P. O. BOX 7423 PASADENA CA 91109-7423									
65429	04/01/14	18941	AMERICAN COLLISION CENTER	VEH#850 RPR REAR DMG	PV	131720	001 00701	2,045.36	1871
65430	04/01/14	2397	AQUATIC BIOASSAY & CONSULTING	2/14 CHRONIC BIOASSAY TSTG	PV	131615	001 00701	810.00	LVS0314,0139
65431	04/01/14	16955	ARGO CHEMICAL INC.	31,180 LBS AMMONIA SOL	PV	131612	001 00701	5,080.94	1403079
65432	04/01/14	2869	AT&T	SRV 3/7-4/6/14	PV	131598	001 00130	191.79	2220/030714
				SRV 3/7-4/6/14	PV	131599	001 00101	64.06	0123/030714
				SRV 3/7-4/6/14	PV	131600	001 00701	81.31	7721/030714
				SRV 3/7-4/6/14	PV	131601	001 00701	111.55	7720/030714
				SRV 3/7-4/6/14	PV	131602	001 00701	111.55	7719/030714
				SRV 3/7-4/6/14	PV	131603	001 00101	191.79	2045/030714
				SRV 3/7-4/6/14	PV	131604	001 00101	387.46	2043/030714
				SRV 3/7-4/6/14	PV	131605	001 00101	31.56	0124/030714
				SRV 3/14-4/13/14	PV	131698	001 00751	55.42	4860/031414
				SRV 3/14-4/13/14	PV	131699	001 00701	55.42	4639/031414

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Payment Number	Payment Date	Address Number	Name	Payment Sub Message	Ty	Document Number	Key ltrn	Key Co	Amount	Invoice Number
65433	04/01/14	7965	B&B PALLET CO.		PV	131607	001	00701	638.00	111211
				Payment Amount					1,281.91	
				55 YDS WOOD CHIPS					638.00	111212
				55 YDS WOOD CHIPS					638.00	111213
				55 YDS WOOD CHIPS					638.00	111214
				55 YDS WOOD CHIPS					638.00	111215
65434	04/01/14	2425	BANK OF AMERICA		PV	131659	001	00701	404.87	1471030714
				Payment Amount					3,190.00	
				VISA					143.98	2738/030714
				CHG-F&A-FEB '14					87.79	2738/030714
				VISA					469.79	2738/030714
				CHG-OPSADM/FE B'14					593.14	8185/030714
				VISA					288.82	9854/030714
				CHG-OPSADM/FE B'14					37.03	9854/030714
				VISA					209.38	9854/030714
				CHG-OPSADM/FE B'14					38.56	9854/030714
				LCW CONF - 2/19-2/20					3,000.00	9854/030714
				VISA CHG-R					56.00	9854/030714
				CNSRV-FEB14					36.43	9854/030714
				VISA CHG-R					930.16	0073/030714
				CNSRV-FEB14						

Payment Number	Date	Address Number	Name	Payment Sub Message	Document	Key	Amount	Invoice Number
Number					Number	Item Co		
				CHG-RCNSV-1/F				
				EB14				
				VISA				
				CHG-MAINT-FEB			350.22	1302/030714
				14				
				VISA				
				CHG-MAINT-FEB			108.94	1302/030714
				14				
				VISA				
				CHG-MAINT-FEB			182.49	1302/030714
				14				
				VISA				
				CHG-MAINT-FEB			175.60	1302/030714
				14				
				VISA				
				CHG-MAINT-FEB			142.85	1302/030714
				14				
				VISA				
				CHG-OPS/FEB14			112.69	8418/030714
				VISA				
				CHG-ENG/FEB14			119.36	6262/030714
				VISA				
				CHG-TAP/AFEB			176.33	6228/030714
				14				
				VISA				
				CHG-WTRDIST/F			301.75	8136/030714
				EB14				
				VISA				
				CHG-WTRDIST/F			327.37	8136/030714
				EB14				
				VISA				
				CHG-CONST/FEB			100.61	8102/030714
				14				
				VISA				
				CHG-CONST/FEB			88.19	8102/030714
				14				
				VISA				
				CHG-CONST/FEB			80.00	8102/030714
				14				
				VISA				
				CHG-CONST/FEB			95.41	8102/030714
				14				

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Payment Number	Payment Date	Address Number	Name	Payment Slub Message	Tr	Document Number	Key	Amount	Invoice Number
						14			
				VISA	PV	131672	001 00701	1,594.40	9981/030714
				CHG-PEDERSEN-FEB14					
				VISA	PV	131681	001 00701	333.96	7026/030714
				CHG-PETERSON-FEB14					
				VISA	PV	131692	001 00701	210.00	7961/030714
				CHG-POLAN/FEB					
				VISA	PV	131694	001 00701	210.00	0711/030714
				CHG-STEINHARD T/FEB14					
				VISA	PV	131695	001 00701	291.98	7493/030714
				CHG-WSTLK/FEB					
				Payment Amount					
65435	04/01/14	15086	BERGMAN SAFTY SPANNER COMPANY	18" & 24" WRENCH	PV	131719	001 00701	209.52	8871 LVMWD
				Payment Amount			11,298.10		
				18" & 24" WRENCH	PV	131719	003 00701	27.87	8871 LVMWD
				Payment Amount					
65436	04/01/14	2555	COLE-PARMER INSTRUMENT CO.	DG1000 SERIES MODULE	PV	131655	001 00701	1,001.71	8811014
				Payment Amount			237.49		
				DDN0400 SENS MODULE	PV	131663	001 00701	904.70	8809444
				FREIGHT	PV	131663	002 00701	26.14	8809444
				All Payee					
			6450 COLE PARMER INSTRUMENT COMPANY						
			13927 COLLECTIONS CENTER DR.						
			CHICAGO IL 60693						
				Payment Amount					
65437	04/01/14	4586	CONSOLIDATED ELECTRICAL DISTRIBUTORS	TAPIA ELEC SUPPLIES	PV	131648	001 00701	75.64	9009-692593
				TAPIA 2" HUB & R/T GHR	PV	131650	001 00701	217.89	9009-692481
				RLV 6 AWG WIRE	PV	131652	001 00701	1,034.39	9009-692529

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Payment Number	Payment Date	Address Number	Name	Payment Sub Message	TY	Document Number	Key ltm	Key Co	Amount	Invoice Number
65438	04/01/14	3498	DEPT. OF WATER & POWER - CITY OF LA	RVL ELEC SUPPLIES	PV	131653	001	00701	213.55	9009-692316
				Payment Amount					1,541.47	
				CHWT	PV	131713	001	00101	525.00	GA77839
				RSV:4/14-3/31/15						
				Payment Amount					525.00	
65439	04/01/14	2654	FAMCON PIPE	8" FLG TEE & 90	PV	131625	001	00701	561.35	156991
				GATE VALVES & SVC SADDLES	PV	131693	001	00701	1,975.08	157019
				RPR CLAMPS & FLG-CMPS	PV	131696	001	00701	510.12	156996
				TAIL PIECES & COUPLINGS	PV	131697	001	00701	2,305.98	156986
				Payment Amount					5,352.53	
65440	04/01/14	2658	FEDERAL EXPRESS CORP	1 PKG DEL 3/19/14	PV	131714	001	00701	50.00	2-596-90608
				Payment Amount					50.00	
65441	04/01/14	2660	FISHER SCIENTIFIC	WLK SOD TRIPOLY PHOS	PV	131626	001	00701	57.94	3350799
				FREIGHT	PV	131626	002	00701	25.35	3350799
				WLK SULFURIC ACID-4	PV	131627	001	00701	340.13	3621711
				FREIGHT	PV	131627	002	00701	35.71	3621711
				Alt Payee 3202 FISHER SCIENTIFIC ACCOUNT #479936-001 FILE #50129						
				Payment Amount					459.13	
65442	04/01/14	6770	G.I. INDUSTRIES	2/25-3/15/14 DSP-TAPIA	PV	131785	001	00701	434.83	2622100-0283-5
				2/25-3/15/14 DISP-RLV	PV	131786	001	00701	263.78	2682282-0283-7
				2/25-3/15 DSP-SHOP BLDG	PV	131793	001	00701	906.36	2682281-0283-9
				Alt Payee 6771 G.I. INDUSTRIES P. O. BOX 541065 LOS ANGELES CA 90054-1065						
				Payment Amount					1,594.97	
65443	04/01/14	2683	GBH	2 TELEPHONE	PV	131613	001	00701	501.14	SI662077

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Number	Key	Ilm	Co	Amount	Invoice Number
HEADSETS											
COMMUNICATION											
S, INC											
65444	04/01/14	2889	J G POLLARD CO/POLLARDWAT ER.COM	Payment Amount VITA D-CHLOR TABLETS	PV	131687	001	00701	501.14 1,222.52	1,222.52	1375042-IN
65445	04/01/14	2752	KAMAN INDUSTRIAL TECHNOLOGIES	Payment Amount TAPIA O-RINGS & SEALS	PV	131622	001	00701	1,222.52	68.54	D114276
65446	04/01/14	2611	LA DWP	TAPIA O-RINGS Payment Amount TWIN LK PS 12/16/13-3/14 /14 RECTIFIER 2/12-3/14/14 RECTIFIER 2/17-3/17/14	PV	131623	001	00701	84.92	16.38	U366522
65447	04/01/14	3352	LAS VIRGENES MUNICIPAL WATER DISTRICT	Payment Amount TAPIA PLANT 1/7-3/6/14 HQ BLDG#1 1/7-3/6/14 HQ BLDG 1/7-3/6/14 FIRE PROTECTN#8 1/7-3/6/14 FIRE PROTECTN#7 1/7-3/6/14 BLDG#7 1/7-3/6/14 BLDG#2-1/7-3/ 6/14 RLV-1/7-3/6/1 4 RLV FARM	PV	131575	001	00751	17,889.52	642.43	1760/031214
					PV	131576	001	00101		416.93	2620/031214
					PV	131577	001	00701		425.69	2647/0312/14
					PV	131578	001	00701		15.00	2650/031214
					PV	131579	001	00701		15.00	2654/031214
					PV	131580	001	00701		844.37	2656/031214
					PV	131581	001	00701		718.24	2658/031214
					PV	131582	001	00751		1,578.73	2080/031214
					PV	131583	001	00751		123.48	2080/031214

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
						Number	ltm Co		
65448	04/01/14	19100	LIVE OAK BANK	17~3/6/14 L/S#1-1/9-3/1 2/14	PV	131584	001 00130	48.87	1775/031914
				Payment Amount					
				RFND UNUSED			4,881.99		
				PREPD DEPOSIT			001 00701	1,603.06	C0501750
65449	04/01/14	2610	LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS	1/16-2/13:L20 1202232	PV	131709	001 00301	5,550.61	RE-PW-1403100 6361
				Payment Amount					
				1/17-22:L2014 00059	PV	131711	001 00701	603.30	RE-PW-1403100 6600
				2/18:L2014007 15	PV	131712	001 00701	898.00	RE-PW-1403100 6849
				Payment Amount					
				4269 LAS VIRGENES RD	PV	131797	001 00101	25.00	914-01148-224 2-250
65450	04/01/14	5698	LOST HILLS/MALIBU SHERIFF'S STATION						
				Payment Amount					
				V-BELTS&TRIPO WER BELTS	PV	131774	001 00701	47.48	CA22-575839
65451	04/01/14	2839	MOTION INDUSTRIES, INC.						
				Payment Amount					
				BALL BRGS @ RANCHO	PV	131775	001 00701	301.00	CA22-575938
				All Payee					
				10317 MOTION INDUSTRIES INC. FILE 749376 LOS ANGELES CA 90074					
65452	04/01/14	2863	ON HOLD MARKETING SYSTEMS						
				Payment Amount					
				ANNUAL FEE-MSG@HQ	PV	131773	001 00701	828.00	72181
65453	04/01/14	2507	RED WING SHOE STORE						
				Payment Amount					
				FOOTWEAR FOR JAMBRIZ	PV	131654	001 00701	225.00	1310000013816
65454	04/01/14	2914	ROADSIDE						
				Payment Amount					
				ASPHALT PATCH	PV	131721	001 00701	740.11	90336318

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Co	Amount	Invoice Number
LUMBER/HARDWA										
RE										
65455	04/01/14	10182	SHAMROCK SUPPLY CO.	Payment Amount SHOVEL, ABS POLY SCOOP	PV	131688	001	00701	740.11 294.30	1815420
				SHOVEL, ABS POLY SCOOP	PV	131689	001	00701	588.60	1823270
				BROOM,CUTTER, WRENCH	PV	131715	001	00701	544.78	1806502
65456	04/01/14	2948	SMITH PIPE & SUPPLY	Payment Amount CEMENT, PRIMER&BUSHG	PV	131718	001	00701	1,427.69 240.60	2656195
				Payment Amount RANCHO REPAIR PARTS	PV	131657	001	00701	263.47	P504037076
65458	04/01/14	3037	WAITE BROS. PLUMBING	Payment Amount INSTL GAS LINE @TAPIA	PV	131651	001	00751	263.47 2,250.00	37625
				Payment Amount LAB SRV-RLV FARM TNK	PV	131590	001	00701	75.00	W4C0460-LV
65459	04/01/14	18914	WECK LABORATORIES, INC.	LAB SRV-BACTI RM DI WTR LAB. SRV - TAPIA LAB. SRV - WESTLAKE LAB. SRV - RANCHO FARM TNK	PV	131591	001	00701	25.00	W4C0461-LV
				LAB. SRV - WESTLAKE	PV	131592	001	00701	110.00	W4C0462-LV
				LAB. SRV - RANCHO FARM TNK	PV	131593	001	00701	53.00	W4C0585-LV
				LAB SRV-QTLY DIST SYSTEM LAB. SRV - TAPIA LAB SRV-PW DISTR	PV	131594	001	00701	75.00	W4C0657-LV
				LAB SRV-QTLY DIST SYSTEM LAB. SRV - TAPIA LAB SRV-PW DISTR	PV	131595	001	00701	760.00	W4C0658-LV
				LAB. SRV - TAPIA LAB SRV-PW DISTR	PV	131596	001	00701	75.00	W4C0763-LV
				Payment Amount DC FAN FOR VFD	PV	131597	001	00701	2,205.00	W4C0793-LV
65460	04/01/14	3047	WESCO DISTRIBUTION,	Payment Amount DC FAN FOR VFD	PV	131616	001	00701	3,378.00 3,456.53	286830

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Ltm Co	Amount	Invoice Number
65462	04/08/14	2317	ACORN NEWSPAPER	BIDS: FORD MTR BX 3/6,13	PV	131673	001 00701	114.00	M-0454/FORD
65463	04/08/14	19172	AGOURA HIGH SCHOOL - IBPA	BIDS: TAPIA CLARIFIER 3/6,13	PV	131674	001 00701	162.00	MTR M-0453/CLARIF IER
65464	04/08/14	3077	AIRGAS USA, LLC	Payment Amount SPNSRSH- MNCH MDNSS 3/30	PV	131754	001 00701	276.00	032514
				Payment Amount 24 LIQUID SOAPS SZ 10 & 6 BOOTS	PV	131761	001 00701	250.00	77.83
					PV	131762	001 00701	592.96	9025451218 9025504707
			Alt Payee 6658 AIRGAS USA, LLC P. O. BOX 7423 PASADENA CA 91109-7423	Payment Amount CA WTR LAW & POLICY RNWL S GROUP	PV	131678	001 00701	670.79	675.00
65465	04/08/14	3684	ARGENT COMMUNICATION S GROUP					675.00	333196
65466	04/08/14	7965	B&B PALLET CO.	Payment Amount 55 YDS WOOD CHIPS	PV	131732	001 00701	638.00	111216
65467	04/08/14	19173	CALABASAS HIGH SCHOOL COYOTE FOOTBALL	Payment Amount SPNSRSH-2014 FOOTBALL	PV	131755	001 00701	638.00	032514
65468	04/08/14	2513	CAPCO ANALYTICAL SERVICES	Payment Amount 4/14 DIGESTER GAS TEST	PV	131792	001 00701	250.00	140716
65469	04/08/14	18992	CDW-GOVERNMENT T	Payment Amount SYMANTIC BU LIC	PV	131734	001 00701	366.25	6,825.00 K084786
65470	04/08/14	9244	Alt Payee 19010 CDW GOVERNMENT 75 REMITTANCE DR., SUITE 1515 CHICAGO IL 60675-1515	Payment Amount 11,198 TN	PV	131735	001 00701	6,825.00	6,484.84 90633787

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Number	Key	Amount	Invoice Number
Number	Date	Number	Name	Message	Number	Key	Amount	Number
			CHEMICALS US LLC	ALUM SULFATE				
			16714 CHEMTRADE CHEMICALS US LLC					
			P.O. BOX 730276					
			DALLAS TX 75373-0276					
65471	04/08/14	2543	CLA-VAL CO	Payment Amount RBLD 4 CSM-11 DISB	131790	001 00701	790.87	632865
65472	04/08/14	4586	CONSOLIDATED ELECTRICAL DISTRIBUTORS	Payment Amount TAPIA ELEC SUPPLIES	131635	001 00701	762.43	9009-692662
65473	04/08/14	2601	DELL COMPUTER CORP	Payment Amount GRAPHIC CARD-DUAL	131733	001 00701	141.45	XJCP3X767
			7819 DELL MARKETING LP					
			C/O DELL USA L.P.					
			P.O. BOX 910916					
65474	04/08/14	2605	DELTA PACIFIC INDUSTRIES	Payment Amount SHOP-6 RICE HALL-ABSRB	131764	001 00701	483.31	3593
65475	04/08/14	2654	FAMCON PIPE	Payment Amount 1" & 2" BALL VALVES	131740	001 00701	3,029.67	157220
65476	04/08/14	4871	FUGRO CONSULTANTS, INC.	Payment Amount 2/21-3/20 MNTR INCLMTR	131758	001 00301	2,916.03	04.B33000019-5 4
			6803 FUGRO CONSULTANTS, INC.					
			P. O. BOX 301083					
			DALLAS TX 75303-1083					
65477	04/08/14	2700	GRAFFITI PREVENTION SYSTEMS	Payment Amount GRAFFITI RMVL@SMNL TNK	131757	001 00101	250.00	4970

ITEM 4A

Batch Number - 230255

Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Document		Key	Amount	Invoice Number
					Tr	Number			
65478	04/08/14	2701	GRAINGER, INC.	RLV ELEC SUPPLIES	PV	131637	001 00701	503.10	9382171198
				RLV ELEC SUPPLIES	PV	131638	001 00701	255.47	9382171206
				RLV GAS BRN IGN TRANSF	PV	131639	001 00701	186.46	9380521758
				FREIGHT	PV	131639	002 00701	87.10	9380521758
				JM-RECIP SAW & SPOTLIGHT	PV	131640	001 00701	719.68	9382706100
All Payee 5453 GRAINGER, INC. DEPT 805178142 PALATINE IL 60038-0001									
65479	04/08/14	2727	IDEXX LABORATORIES	20 PK ENTEROLERT MEDIA	PV	131641	001 00701	175.49	276219306
				FREIGHT	PV	131641	002 00701	2.04	276219306
All Payee 6447 IDEXX LABORATORIES P. O. BOX 101327 ATLANTA GA 30392-1327									
65480	04/08/14	3083	JCI JONES CHEMICALS, INC	5,020 GAL HYPOCHLORITE	PV	131642	001 00701	2,921.49	612193
				4,116 GAL SODIUM BISULFITE	PV	131664	001 00701	5,597.76	612314
All Payee 13647 JCI JONES CHEMICALS, INC P.O. BOX 636877 CINCINNATI OH 45263-6877									
65481	04/08/14	2752	KAMAN INDUSTRIAL TECHNOLOGIES	TAPIA NON-ABS SHEETS	PV	131791	801 00701	549.57	U424667
65482	04/08/14	18535	KEMIRA WATER SOLUTIONS, INC.	10 TN FERRIC CHLORIDE	PV	131763	001 00701	5,980.39	9017381642

ITEM 4A

Batch Number - 230255

Bank Account - 00148607 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Sub Message	Document Number	Key	Amount	Invoice Number
Number	Date	Number			Number	Item Co		
65483	04/08/14	18536	KEMIRA WATER SOLUTIONS MAIL CODE 5581, P. O. BOX 105046 ATLANTA GA 30348-5046					
		19026	MNS ENGINEERS, INC.	Payment Amount FEB'14 PRIMARY TNK SRV	131795	001 00701	5,980.39 1,222.35	64167
65484	04/08/14	18940	MP PRINTING & MAILING	Payment Amount COLORING/ACTI VITY BOOK	131739	001 00701	1,222.35 1,632.70	53887
65485	04/08/14	2365	MISO TECHNOLOGIES	Payment Amount 2/14 SCADA-PH1 NEG DEC	131738	001 00701	1,632.70 1,470.00	4619
65486	04/08/14	2302	OFFICE DEPOT	Payment Amount OFFICE SUPPLIES	131700	001 00701	1,470.00 161.52	696236639001
				OFFICE SUPPLIES	131700	002 00701	43.73	696236639001
				OFFICE SUPPLIES	131701	001 00701	16.34	6962366376001
				OFFICE SUPPLIES	131702	001 00701	54.49	696331479002
				OFFICE SUPPLIES	131703	001 00701	183.44	696331479001
65487	04/08/14	15469	OLYMPIC PAINTING CO.	Payment Amount F&A DIR OFFICE PAINTNG	131759	001 00701	459.52 500.00	10010
65488	04/08/14	18946	PACIFIC ADVANCED CIVIL ENGINEERING, INC.	Payment Amount PMT#3-GRIT CONVVR	131778	001 00701	5,000.00	10499#3
				5% RETENTION-PMT #3	131779	001 00754	250.00-	10489/RTN#3
65489	04/08/14	2871	PACIFIC COAST BOLT	Payment Amount HEX HEAD BOLTS	131777	001 00701	4,750.00 991.90	376925-00

ITEM 4A

Batch Number - 230255
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Sub Message	TV	Document Number	Key Item	Key Co	Amount	Invoice Number
65490	04/08/14	18509	PACIFIC SECTION, SEPM	FREIGHT Payment Amount	PV	131777	003	00701	55.00	376925-00
65491	04/08/14	19148	RAQUEL PRATT	SEPM MMBRSHIP-3 YRS Payment Amount	PV	131750	001	00701	20.00	032414
65492	04/08/14	8484	PRAXAIR DISTRIBUTION, INC	RFND BAL-CLOSED A/C Payment Amount	PV	131685	001	00101	99.86	530872-069297
65493	04/08/14	18945	PRESTON PIPELINES, INC.	3/20/14 CYLINDR RNTL	PV	131794	001	00701	111.42	48860472
65494	04/08/14	2585	PURETEC	5% RETENTION/PMT #5 Payment Amount	PD	131799	001	00301	11,634.15	10344/RTN#5
65495	04/08/14	19168	R & G GRADING	3/18/14 TNK EXCHNG SRV Payment Amount	PV	131782	001	00701	213.29	1305979
65496	04/08/14	18959	JACK ROSBERG	RFND BAL-CLOSED A/C INTEREST Payment Amount	PV	131683	001	00101	1,194.42	9997482
65497	04/08/14	17174	ROTH STAFFING COMPANIES, LP	RFND BAL-OPEN A/C Payment Amount	PV	131752	001	00101	1,450.34	020106
65498	04/08/14	18411	SIMON RUBIN	TEMP SRV W/E 3/16 S.T. TEMP SRV W/E 3/16 B.J. Payment Amount	PV	131753	001	00701	293.60	12962981
				EASIMNT-25085	PV	131751	001	00101	956.88	12962980
					PV				1,250.48	032714

ITEM 4A

Batch Number - 230255
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document		Key	Amount	Invoice Number
					Ty	Number			
65499	04/08/14	2948	SMITH PIPE & SUPPLY	DRDO MDW Payment Amount SOIL MOISTURE SENSR	PV	131676	001 00101	1.00 127.53	2656222
				IRRIGATION RPR PARTS	PV	131760	001 00751	63.83	2660222
				IRRIGATION RPR PARTS	PV	131760	002 00751	32.70	2660222
65500	04/08/14	2956	SOUTH COAST AIR QUALITY MGMT DIST	Payment Amount RULE 1415 RE A/C SYSTEM	PV	131680	601 00701	224.06 121.44	1415/032414
65501	04/08/14	16907	SHERRI SQUIRES	Payment Amount TURF RMVL REBATE	PV	131677	001 00101	121.44 1,684.00	850232
65502	04/08/14	2960	TERRAMAR GRAPHICS	Payment Amount BILL STOCK & ENVELOPES	PV	131745	001 00701	1,684.00 11,501.69	4076
				BILL STOCK & ENVELOPES	PV	131745	006 00701	121.26	4076
65503	04/08/14	9505	TIRE MAN AGOURA	Payment Amount ALIGN & ROTATE TIRES VEH # 828	PV	131707	001 00701	11,622.85 69.95	2031856
65504	04/08/14	3011	UNITED SPECIALTIES	Payment Amount SLUDGE REMOVER-1 CASE	PV	131681	001 00701	69.95 381.39	82349
65505	04/08/14	2760	VALLEY NEWS GROUP	Payment Amount 2 WTR CNSV ADS 3/20/14	PV	131756	001 00101	381.39 360.00	3-21
65506	04/08/14	18604	VENTURA PEST CONTROL	Payment Amount BIRD PROOFING	PV	131726	001 00701	360.00 3,820.00	412052
65507	04/08/14	2436	VINCE BARNES AUTOMOTIVE	Payment Amount VEH#155-STRTR /OIL CHNG VEH#660 SERVICE/PAIR S VEH#896 CHNG	PV	131769	001 00701	3,820.00 469.64 680.56 84.48	020239 020247 020254

ITEM 4A

Batch Number - 230255

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	TY	Document Number	Key Item	Co	Amount	Invoice Number
65508	04/08/14	2729	VULCAN MATERIALS CO.	OIL/FILTR	PV	131730	001	00701	1,234.68	70288887
				Payment Amount					432.14	
				AR8000 HOT MIX ASPHALT						
				AR8000 HOT MIX ASPHALT	PV	131731	001	00701	1,004.93	70294182
				Payment Amount					1,399.78	
65509	04/08/14	3035	VWR SCIENTIFIC	Filter & Tryptose Broth	PV	131736	001	00701	1,437.07	8057061423
				Payment Amount					13.84	
				FREIGHT	PV	131738	003	00701	13.84	8057061423
				Payment Amount					713.06	
				FILTER GLS	PV	131737	001	00701	713.06	8057061424
				MCR-FB						
				FREIGHT	PV	131737	002	00701	13.03	8057061424
				Payment Amount					4,598.30	
65510	04/08/14	3109	W. LITTEN	WVR INTERNATIONAL, INC	PV	131765	001	00701	2,139.71	0320295
				Payment Amount					3,156.50	
				SRV	PV	131766	001	00701	3,156.50	0320299
				1/26-2/1/14@R ANCHO						
				SRV	PV	131766	001	00701	3,294.45	0320300
				2/23-3/1/14@R ANCHO						
				SRV	PV	131767	001	00701	2,935.55	0320301
				3/2-3/8/14@RA NCHO						
				SRV	PV	131768	001	00701	13,984.80	35687
				3/9-3/15/14@R ANCHO						
				Payment Amount					592.53	
65511	04/08/14	18521	WALTON MOTORS & CONTROLS, INC.	USEM CAST IRON MOTOR	PV	131708	001	00701	592.53	
				Payment Amount					1,568.00	
65512	04/08/14	18914	WECK LABORATORIES,	LAB SRV@FAST WATER CT	PV	131796	001	00701	1,568.00	W4C1132-LV

ITEM 4A

Batch Number - 230255

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
Number	Date	Number				Number	Lim Co		Number
65513	04/08/14	3048	WEST COAST AIR	A/C PM-BLDG 7&8 3/14	PV	131710	001 00701	395.00	S55884
			CONDITIONING	REPAIR A/C @ TAPIA	PV	131776	001 00701	1,213.11	S55634
65514	04/08/14	19029	WILWATER IRRIGATION	IRRIG MOD @ EQSTRN	PV	131886	001 00101	545.50	LVMW0010
65515	04/08/14	18128	WOLTERS KLUWER LAW & BUSINESS	PAYROLL MGR LTR	PV	131882	001 00701	461.00	94024804
				6/2014-5/2015					
				Payment Amount				1,568.00	
				Payment Amount				1,608.11	
				Payment Amount				545.50	
				Payment Amount				461.00	
				Total Amount of Payments Written				322,992.86	
				Total Number of Payments Written				54	



LAS VIRGENES MUNICIPAL WATER DISTRICT
4232 Las Virgenes Road, Calabasas CA 91302

MINUTES
REGULAR MEETING

5:00 PM

February 11, 2014

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by Board President, Charles Caspary.

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 Board President Caspary in the District offices. Secretary Steinhardt called the roll. Those answering present were Directors Charles Caspary, Glen Peterson, Leonard Polan, Lee Renger and Barry Steinhardt.

2. APPROVAL OF AGENDA

A Approval of agenda

On a motion by Director Len Polan, seconded by Director Lee Renger, the Board of Directors voted 5-0 to the agenda as presented.

AYES: Director(s) Caspary, Peterson, Polan, Renger, Steinhardt

3. PUBLIC COMMENTS

No public speaker cards were received.

4. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A Legislative and Regulatory Updates

General Manager Pedersen suggested that items 4A and 4B be covered together; an outline of the discussion items was provided; attachment (1) included a comparison chart of the varying water bond bills; key points: water storage and delta sustainability component; Wolk Bill was recently amended; the Bill does not support the goals of the water community; SB927 is a new bill; Legislator is from Modesto and focuses on agricultural interests; AB1445 invests

in water storage.

Drought related items included: Steinberg introduced a drought bill that was a "gut-and-amend" of previous bill for CEQA reform; attachment #2 shows what is included in the Bill; reallocating existing monies; \$472 million to DWR; Federal level HR 3964; Emergency Water Delivery Act; intent is to relax regulatory restrictions; always a concern; preemption of State regulatory process; the Bill is opposed by Governor Brown and Senator Boxer.

Water supply conditions were discussed; 6.6 inches of rain; bumped up the 8-station index; went from 5 to 11.8 inches which leaves us in the driest year on record but helped a little; the snow pack is 18% of average.

B Governor's Emergency Drought Declaration: Response Measures

Resource Conservation and Public Outreach Director, Carlos Reyes reviewed drought actions completed to date; future events; other drought related activities and ongoing public outreach programs.

General Manager Pedersen stated that drought talking points would be brought back to the Board so everyone could relay the same message; a drought presentation would be prepared to spread awareness; a Resolution would be brought to the Board, calling for a 20% reduction in water use responding to the drought.

The Water Summit 2014, tentatively scheduled for April 3rd, will convene speakers to talk about the drought and its impact; other future drought response measures include: considering water use restrictions implementing the allocation program, if MWD implements; reviewing how the customer appeal process will be managed; using social media; placing advertisements in the paper; and taking escalating action for repeat wasters.

C Budget-Based Water Rates: Discussion of Workshop and Next Steps

General Manager Pedersen reported that time ran short for the Budget Based Water Rates Workshop on January 30th and would like to give the Board an opportunity to make comments; he proposed to have another workshop on February 26th or 27th; Director Peterson stated that he would not be available on those dates; General Manager Pedersen will look at other dates that will work for all.

Director Renger wants to know how we will handle fixed costs and allocate them to the tiers; Director Steinhardt would like to see other sample customers and how they would be charged; Director Caspary would like to see data on other agencies going to Budget Based Rates.

5. CONSENT CALENDAR

On a motion by Director Lee Renger, seconded by Director Peterson, the Board of Directors voted 5-0 to approve as presented.

AYES: Director(s) Caspary, Peterson, Polan, Renger, Steinhardt

A List of Demands: February 11, 2014. Approve

B Directors' Per Diem: January 2014. Ratify

6. TREASURER

Director Polan stated that there are increases from Metropolitan that we will be facing.

ITEM 4B

7. FACILITIES AND OPERATIONS

A 1,235 Ft. Backbone Improvement Project Calabasas Pipeline: Approval of Scope Change for Materials Testing Services

Authorize the General Manager to execute a Change In Scope Agreement with BTC Labs-Vertical Five in the amount of \$13,000 for additional materials testing required for the 1,235 Ft. Backbone Improvement Project Calabasas Pipeline Project.

Director Renger asked how the project was going (Lippman: provided an update on the project stating that the traffic on Mureau Road will return to normal; the tie-in will be complete this week; they are on schedule and on budget) Director Caspary asked about the compaction in the trench (Lippman: the pipe zone is 12" above and below the pipe)

Discussion took place and other questions were answered.

On a motion by Director Glen Peterson, seconded by Director Lee Renger, the Board of Directors voted 5-0 to authorize as presented.

AYES: Director(s) Caspary, Peterson, Polan, Renger, Steinhardt

8. INFORMATION ITEMS

A Claim from Gordon Emile Blinn

No discussion took place on this item.

9. NON-ACTION ITEMS

A Organization Reports

- (1) MWD
 - a. Representative Report/Agenda(s)
- (2) Other

Director Peterson reported that Pankaj Parekh, ACWA Water Quality Committee Chairman, passed away due to on-going complications from a motorcycle accident; MWD's Board has a new member, Jennifer Fitzgerald from Fullerton; Director Peterson reported that a settlement had been reached with the City of Monterey Park for Garvey Reservoir which had a leak.

B Director's Reports on Outside Meetings

C General Manager Reports

- (1) General Business
- (2) Follow-Up Items

General Manager Pedersen reported that the solar generation system is up and running well within 365 days after executing the contract; ahead of schedule.

The Los Angeles Chapter of WaterReuse Association had its meeting at the District's office with 65 people today.

The City of Westlake Village will discuss the MOU on the 5MG tank at its Council meeting on February 12th.

The Calabasas Road Water Main Replacement Project was selected for the APWA "Project Of The Year" award.

Staff has been in contact with Metropolitan on operational changes being made in response to the drought.

D Director's Comments

Director Polan spoke about the contractor videotaping Three Springs Drive and wanted to know if it was performed in high definition. (Lippman: responded that staff would verify that is was high definition video)

10. FUTURE AGENDA ITEMS

Director Renger requested that staff look into making an adjustment to the sewer rate plan and look at the past two years of potable water usage for customers due to the anomaly with the dry conditions this year; Director Caspary asked staff to bring back information on it.

11. PUBLIC COMMENTS

No public speaker cards were received.

Open session was adjourned at 6:31 p.m.

12. CLOSED SESSION

Closed session was started at 6:35 p.m.

A Conference with District Counsel – Existing Litigation (Government Code Section 54956.9(a)):

1. Las Virgenes - Triunfo Joint Powers Authority v. United States Environmental Protection Agency
2. Heal the Bay, Inc. v. Lisa P. Jackson
3. City of Agoura Hills v. Las Virgenes Municipal Water District, et al. (4 cases)
4. Marzan v. Las Virgenes Municipal Water District
5. Datamatic, Ltd. Bankruptcy Case
6. Bradly Cohn v. Las Virgenes Municipal Water District, et al.
7. Pacific Bell Telephone Company v. Las Virgenes Municipal Water District, et al.

Closed session ended at 7:27 p.m.

13. OPEN SESSION AND ADJOURNMENT

Open session was reconvened at 7:28 p.m. It was noted that no actions were taken during closed session.

The meeting was adjourned at 7:29 p.m.

CHARLES CASPARY, President
Board of Directors
Las Virgenes Municipal Water District

ATTEST:

BARRY STEINHARDT, Secretary
Board of Directors
Las Virgenes Municipal Water District

(SEAL)

April 2, 2014

To: Payroll

From: David W. Pedersen
General Manager



RE: Per Diem Request – March 2014

Attached are the Director statements of attendance for meetings, conferences and miscellaneous functions, which are summarized in the table below. If you have any questions, please contact me. Thank you.

On February 26, 2008, the Board unanimously voted to amend the daily per diem to \$200, effective February 27, 2008. On January 26, 2010, during the annual review of compensation, the Board opted for the per diem to remain at \$200 and requested that a per diem survey be conducted along with the next employee compensation study.

<u>Director</u>	<u>No. of Meetings</u>	<u>Rate</u>	<u>Total</u>
Charles Caspary	6	\$200.00	\$1,200.00
Glen Peterson LVMWD* – 5 MWD** – 7	12	\$200.00	\$2,400.00
Leonard Polan	10	\$200.00	\$2,000.00
Lee Renger	4	\$200.00	\$800.00
Barry Steinhardt	8	\$200.00	\$1,600.00

*LVMWD Code Section 2-2.401(a): "not exceeding a total of ten (10) days in any calendar month"

**LVMWD Code Section 2-2.401(b): MWD director "not exceeding a total of (10) days in any calendar month."

ITEM 4C

Charles Caspary
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302
Fax: 818-251-2149

DATE: March 31, 2014
TO: Clerk of the Board, Las Virgenes Municipal Water District
FROM: Charles Caspary
LVMWD Director, Division 1
SUBJECT: Meeting Attendance Per Diem Request

The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended.

Date	Description
<u>3/3/14</u>	<u>LU-TSD JPA Board Mtg.</u>
<u>3/7/14</u>	<u>ACWA - Bond Briefing @ LVMWD</u>
<u>3/11/14</u>	<u>LVMWD - Regular Bd Mtg.</u>
<u>3/13/14</u>	<u>LVMWD - Budget Rate Workshop</u>
<u>3/19/14</u>	<u>Santa Monica Bay Restoration - Watershed Advisor Council</u>
<u>3/25/14</u>	<u>LVMWD - Regular Bd Mtg</u>
_____	_____
_____	_____
_____	_____
_____	_____

6

(Signed)

Charles Caspary
Charles Caspary

Glen Peterson
 Las Virgenes Municipal Water District
 4232 Las Virgenes Road
 Calabasas, CA 91302
 Fax: 818-251-2149


DATE: MARCH 2014
 TO: Executive Assistant/Clerk of the Board
 FROM: Glen Peterson
 LVMWD Director, Division 2
 SUBJECT: Meeting Attendance Per Diem Request

The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended.

Date		Description
<u>3</u>	LVMWD	LV IPA
<u>7</u>	MWD	MD Northern Counties
<u>10</u>	MWD	MD Committee
<u>11</u>	MWD/LVMWD	MD/LV Barros + Committee
<u>12</u>	MWD	MD Colorado River Basin MWD
<u>13</u>	LVMWD	LV Budget Based Rates
<u>18</u>	MWD	MD Bay Delta Rel. MWD
<u>20</u>	LVMWD	LV AWA Oxnard
<u>21-23</u>	MWD/LVMWD	MD/LV Colorado River In Spain T110
<u>25</u>	MWD/LVMWD	MD/LV Committee + Barros
_____		_____
_____		_____
_____		_____

LVMWD 5
 MWD 7

 12

(Signed) 
 Glen Peterson

Leonard Polan
 Las Virgenes Municipal Water District
 4232 Las Virgenes Road
 Calabasas, CA 91302
 Fax: 818-251-2149

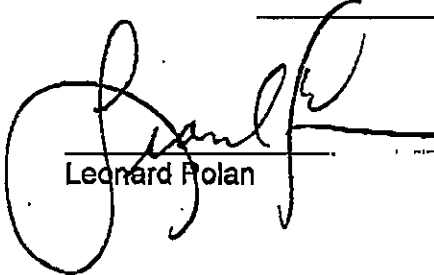
DATE: 3.31.14
 TO: Executive Assistant/Clerk of the Board
 FROM: Leonard Polan
 LVMWD Director, Division 4
 SUBJECT: Meeting Attendance Per Diem Request

The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended.

Date	Description
<u>3.1.14</u>	<u>LVMWD WATERBENCH FOR REPRESENTING BOARD.</u>
<u>3.3.14</u>	<u>JPA MTR</u>
(one day) <u>3.4-5.14</u>	<u>LEGISLATIVE CONFERENCE SACRAMENTO.</u>
<u>3.11.14</u>	<u>LVMWD BOARD MTR.</u>
<u>3.13.14</u>	<u>LVMWD SPL MTR RE</u>
<u>3</u>	<u>RE BUDGET BASED RATES.</u>
<u>3.20.14</u>	<u>ANA VC MTR.</u>
<u>3.21-23.14</u>	<u>MWD CLEANUP REPORT & HOOPER DAM TMR.</u>
<u>3.25.14</u>	<u>LVMWD BOARD MTR.</u>

(10)

(Signed)


 Leonard Polan

* Note: Also attended 03/07 ACWA Water Bond briefing *DUP*
 ITEM 4C

Lee Renger
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302
Fax: 818-251-2149

DATE: 3-30-2014
TO: Executive Assistant/Clerk of the Board
FROM: Lee Renger
LVMWD Director, Division 3
SUBJECT: Meeting Attendance Per Diem Request

The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended.

Date	Description
<u>3-3-14</u>	JPA Board Mtg.
<u>3-11</u>	LVMWD "
<u>3-13</u>	Workshop
<u>3-25</u>	LVMWD Board Mtg.
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

④

(Signed)

Lee Renger
Lee Renger

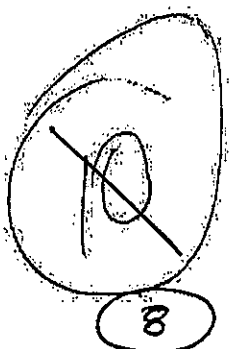
ITEM 4C

Barry Steinhardt
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302
Fax: 818-251-2149

DATE: March 31, 2014
TO: Executive Assistant/Clerk of the Board
FROM: Barry Steinhardt
LVMWD Director, Division 5
SUBJECT: **Meeting Attendance Per Diem Request**

The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended.

Date	Description
<u>3/3</u>	JPA Board Meeting
<i>(one-day)</i> <u>3/4-3/5</u>	<u>Education / ACWA Legislative Symposium</u>
<u>3/7</u>	Education / ACWA Water Bond <u>Briefing</u>
<u>3/11</u>	<u>LVMWD Board Meeting</u>
<u>3/13</u>	<u>Education / Budget Based Workshop</u>
<u>3/20</u>	Education / AWA meeting
<u>3/25</u>	LVMWD Board Meeting
<i>(one-day)</i> <u>3/27-3/28</u>	ACWA Board Meeting / Sacramento
_____	_____
_____	_____
_____	_____



(Signed)

Barry Steinhardt



April 8, 2014 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: General Manager

Subject: ACWA Polling for 2014 Water Bond: Request for Contribution

SUMMARY:

On March 7, 2014, Tim Quinn, Executive Director of the ACWA, conducted a Water Bond Briefing at the District's headquarters. Mr. Quinn reviewed ACWA's proposal for a modified 2014 Water Bond and emphasized the importance of obtaining the support of Governor Edmund G. Brown, Jr. for a modified water bond on the November ballot. To that end, ACWA, in coordination with Clean Water Jobs for California, is proposing to collect polling data that can be provided to the Governor's Office to illustrate the level of support for a modified water bond. ACWA has requested that its member agencies provide a financial contribution for the polling effort.

Attached for reference is a copy of ACWA's proposal for a modified 2014 Water Bond.

RECOMMENDATION(S):

Approve a \$5,000 contribution to ACWA for the collection of polling data to determine the level of support for a modified 2014 Water Bond.

FINANCIAL IMPACT:

Sufficient funds for the contribution are available in the adopted Fiscal Year 2013-14 Budget.

Prepared By: David W. Pedersen, General Manager

ATTACHMENTS:

[ACWA Proposal for Modified Water Bond Proposal](#)



Proposal for a Modified 2014 Water Bond

ACWA's Board of Directors is supporting modifications to the current 2014 water bond to protect key statewide priority areas and aid its passage next year. Below is a proposed modified water bond developed by the ACWA Water Finance Task Force consistent with the policy principles adopted by the ACWA Board of Directors in March 2013.

Category 1: Local Resources Development Support \$2.150

Disadvantaged Communities	\$0.300
IRWMP / Rural Support	\$0.450
IRWMP / Urban Support	\$0.650
Groundwater Quality	\$0.300
Recycling and Conservation	\$0.450

Category 2: Delta Ecosystem Rest. & Watersheds \$3.050

Delta Sustainability	\$2.250
Watersheds	\$0.800

Category 3: Storage for Coequal Goals \$3.000

Statewide Water System	\$3.000
------------------------	---------

Total Investments (in billions)	\$8.200
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(Revised 5/6/13)

ITEM 7A



April 8, 2014 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject: 24563 Piuma Road (APN 4453-025-003): Approval of Proposed Water Main Extension Concept

SUMMARY:

A single-family development is proposed at 24563 Piuma Road, APN 4453-025-003 (see attached vicinity map), and the Los Angeles County Fire Department requires that a new fire hydrant be installed within 750 feet of property. In order to install the fire hydrant, a water main extension is needed from the existing main at the intersection of Saddle Peak Road and Costa Del Sol Way. There are four existing Limited Services Agreement (LSA) customers fronting the proposed main extension (see attached Main Line Extension map), and these LSA customers would normally be required to participate in the main extension.

Considering the steep terrain and large undevelopable parcel owned by the Mountains Recreation and Conservation Authority (MRCA) to the west of the proposed development, it is very unlikely that any significant development will take place at this location in the future. As a result, staff reached a conceptual agreement with the property owner to install the water main extension and required fire hydrant to the easterly property line, rather than across the entire frontage of the property, as shown on the attached map. In turn, the property owner would not require the participation of the four existing LSA customers along Piuma Road for the proposed water main extension.

RECOMMENDATION(S):

Approve the water main extension concept for 24563 Piuma Road (APN 4453-025-003) and authorize the General Manager to execute a water main extension agreement with the property owner in a form approved by the District's Legal Counsel.

FINANCIAL IMPACT:

The District will pay for the cost of the new water service assemblies to allow the four existing LSA customers to reconnect to the new water main extension. The estimated cost is \$800.

DISCUSSION:

The LVMWD Code requires that water main extensions be extended across the entire frontage of each lot to facilitate orderly development. If a water main is not extended as specified, an LSA approved by the General Manager is required. The LSA requires that the property owner participate in any future water main extension to complete their obligation to support orderly development.

However, staff believes that this requirement is not suitable for the proposed development at 24563 Piuma Road. The steep terrain and large public ownership of land west of the proposed development on Piuma Road is not likely to be developed further; therefore, there is no need to extend the water main across the entire frontage of the proposed development. The proposed main extension concept would allow the current property owner to meet Fire Department requirements and provide relief to the four existing LSA customers.

Based on the LVMWD Code, the District would relocate the water services to the four existing LSA customers.

customers to the front of their properties, served from the new water main extension. Each LSA customer would be responsible to reconnect their on-site plumbing to the new meter and water service. A Release of Lien would be processed for each LSA customer upon their switch to the new metered water service.

Prepared By: John Zhao, P.E., Principal Engineer




ATTACHMENTS:

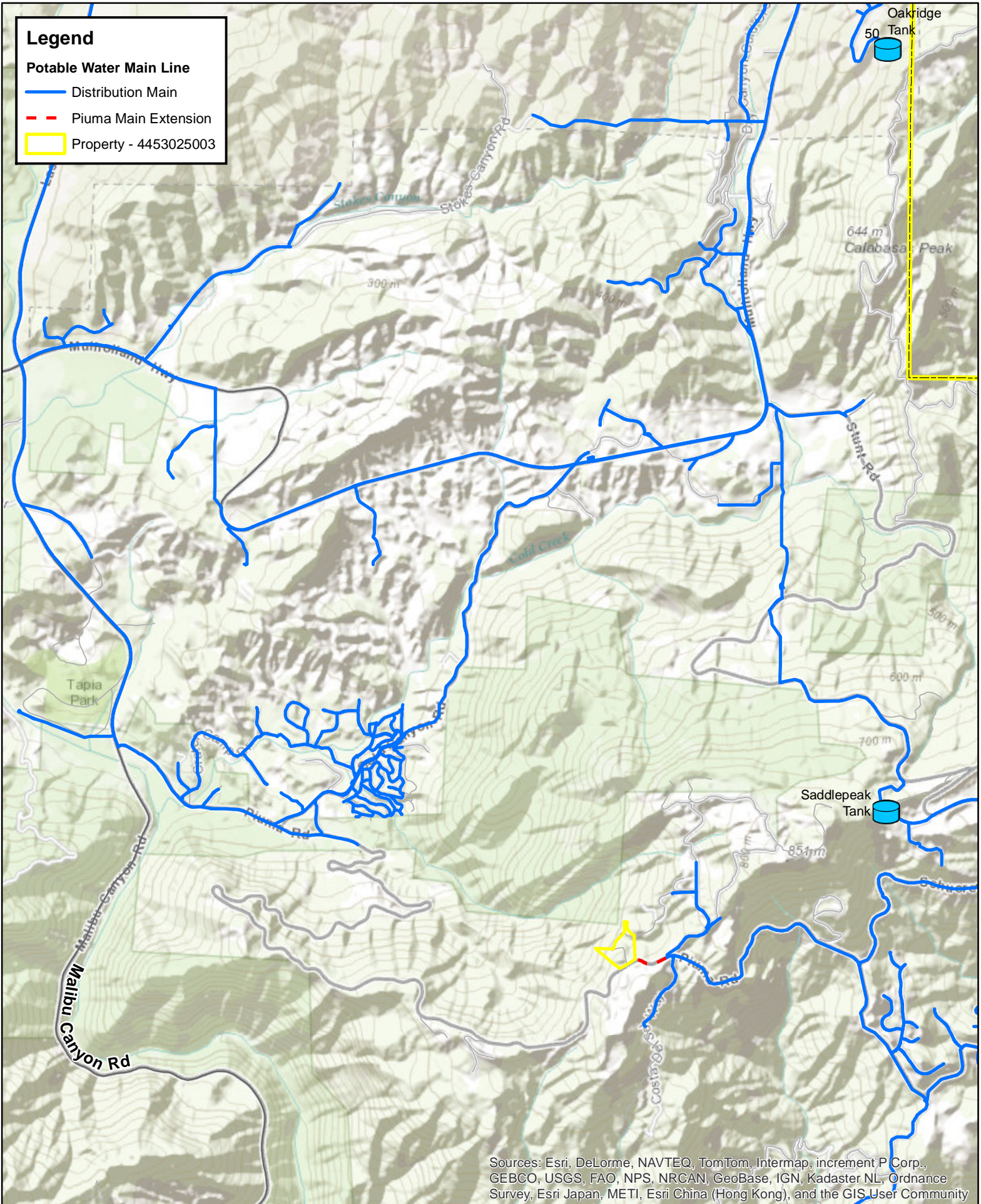
[Vicinity Map](#)

[Proposed Water Main Extension](#)

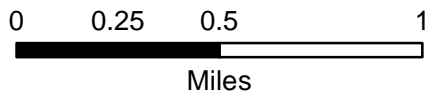
Legend

Potable Water Main Line

-  Distribution Main
-  Pioma Main Extension
-  Property - 4453025003



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community





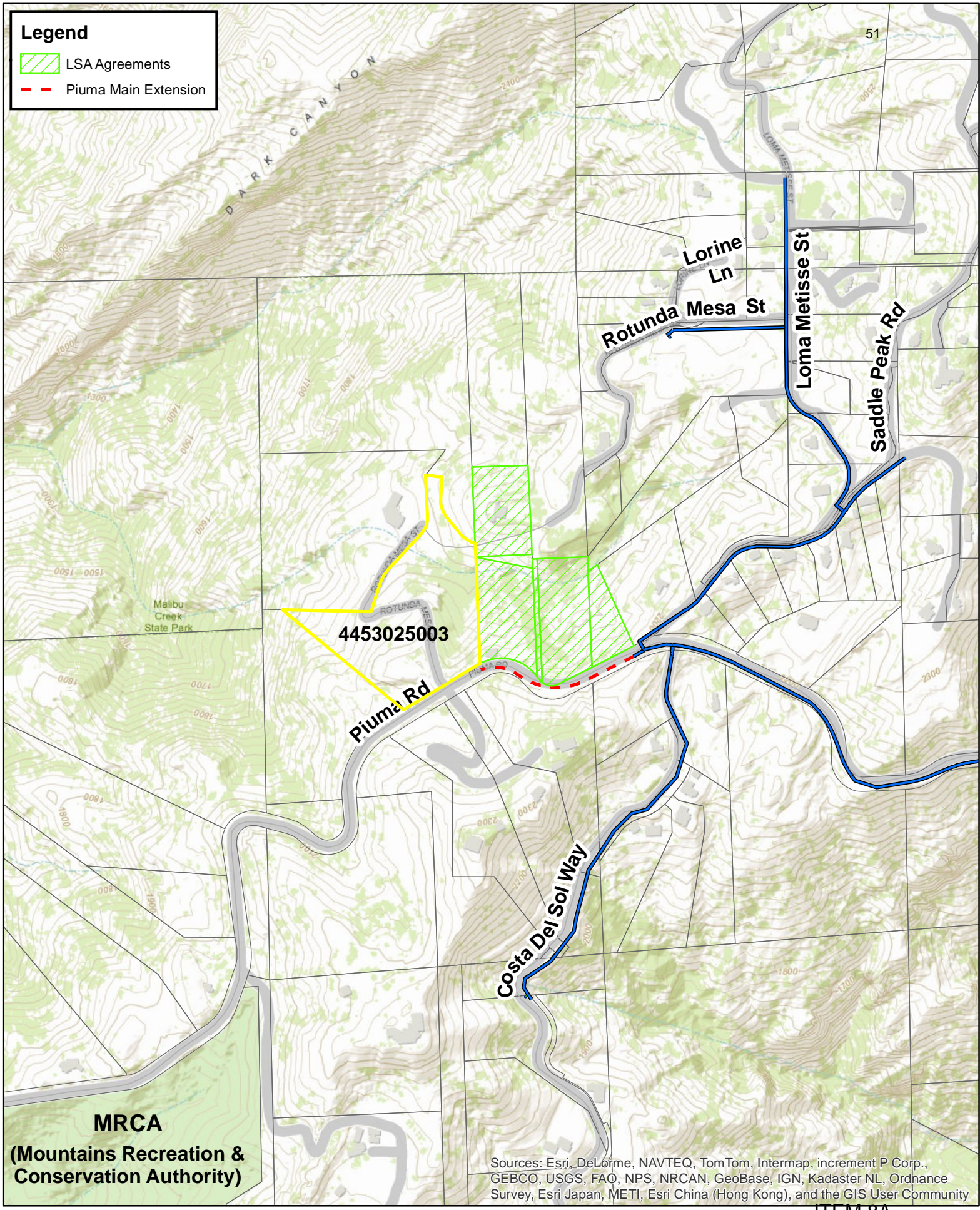
Vicinity Map

ITEM 8A

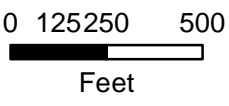


Legend

-  LSA Agreements
-  Piuma Main Extension



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community



Proposed Main Line Extension

ITEM 8A





April 8, 2014 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject: Tract No. 46799-02: Quitclaim of Surplus Easement

SUMMARY:

The District received a request from the developer of The Shoppes at Westlake Village (Lot 9 within Tract No. 46799-02) to quitclaim a blanket easement for potable and recycled water systems improvements to facilitate lease of the shopping center.

The blanket easement was dedicated to the District and recorded by the original property owner in 2001 to allow for the District to provide potable and recycled water services to the tract. However, as the property was developed, specific water and recycled water improvements were installed within newly dedicated easements that were properly recorded. As a result, the District has no need for the original blanket easement, so it can be declared surplus and quitclaimed.

Exhibit A consists of a copy of the original blanket easement, Los Angeles County Recorder's Document No. 01-1954455. Exhibit B provides a map showing the newly dedicated easements for the water and recycled water improvements that will serve the property.

RECOMMENDATION(S):

Declare the blanket easement for Tract No. 46799-02, Los Angeles County Recorder's Document No. 01-1954455, surplus and authorize the General Manager to quitclaim the easement.

Prepared By: Eric Schlageter, Associate Civil Engineer

ATTACHMENTS:

[Exhibit A - Original Blanket Easement](#)

[Exhibit B - Map of Newly Dedicated Easements](#)

53
20



LEAD SHEET

01 1954455

RECORDED/FILED IN OFFICIAL RECORDS
RECORDER'S OFFICE
LOS ANGELES COUNTY
CALIFORNIA
8:04 AM OCT 15 2001

SPACE ABOVE THIS LINE FOR RECORDERS USE



TITLE(S)

FEE

D.T.T.

FREE 0

4-

CODE
20

CODE
19

CODE
9

Assessor's Identification Number (AIN)

To Be Completed By Examiner OR Title Company In Black Ink

Number of Parcels Shown



THIS FORM IS NOT TO BE DUPLICATED

ITEM 8B

2

RECORDING REQUEST BY

LAS VIRGENES MUNICIPAL WATER DISTRICT

01 1954455

WHEN RECORDED MAIL TO

NAME Ann Watson
Las Virgenes Mun. Water Dist.
MAILING ADDRESS 4232 Las Virgenes Road
Calabasas, CA 91302
CITY, STATE
ZIP CODE

SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

TITLE(S)

POTABLE AND RECYCLED WATER SYSTEMS FOR

TRACT NO. 46799-02

DEDICATION OF PROPERTY

01-1954455

3

Free recording is requested
(Sec. 6103 Gov. Code)
Return to:
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

REVISED 4/26/93

7/24/2001

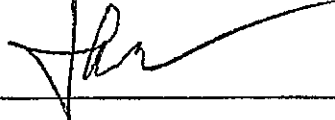
DEDICATION OF PROPERTY TO
LAS VIRGENES MUNICIPAL WATER DISTRICT
FOR PUBLIC USE
Tract No. 46799-02 (Potable & Recycled)

(Date) 7/24, 2001

By reason of its agreement to operate and maintain the same, there is hereby offered for dedication to Las Virgenes Municipal Water District ("District") for public use all water transmission and distribution pipelines, fire hydrants and appurtenances, and the necessary easements for maintenance, repair and replacement of the same together with the right to enter upon, remove without obligation to replace improvements, trees, shrubs and other vegetation in and around Lot No. 7,879 and Tract No. 46799-02 City of N/A, County of Los Angeles, State of California. Ownership to these facilities is vested in the undersigned, and the undersigned warrants that they are free and clear of any liens or encumbrances. The undersigned will file a Notice of Completion, for the facility and will defend, indemnify and hold the District harmless from any mechanics liens, lawsuits, or other disputes.

(SEAL)

By _____

By  _____

By: Richland Westlake, Ltd.

To be completed and notarized

01-1954455

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

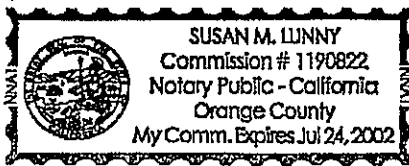
State of California

County of Orange

On July 24, 2001 before me, Susan M. Lunny, Notary Public

personally appeared John Schafer

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Dedication of Property to Las Virgenes Municipal Water District for Public Use

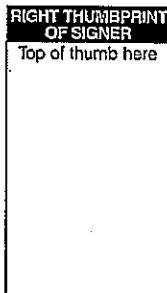
Document Date: Not Dated Number of Pages:

Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer(s)

Signer's Name: John Schafer

- Individual
Corporate Officer
Partner
Attorney-in-Fact
Trustee
Guardian or Conservator
Other

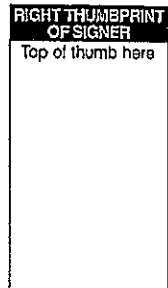


Signer is Representing:

Richland Westlake, Ltd.

Signer's Name:

- Individual
Corporate Officer
Partner
Attorney-in-Fact
Trustee
Guardian or Conservator
Other



Signer is Representing:

SHEET 3 OF 6 SHEETS

TRACT NO. 46799-03

IN THE CITY OF WESTLAKE VILLAGE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

DANJON ENGINEERING
DATE OF SURVEY: OCTOBER, 1988

CURVE TABLE

C10	D=4359.26' R=459.00' L=352.41'
C11	D=1041.17' R=500.35' L=809.35'
C12	D=4341.12' R=468.88' L=348.88'
C13	D=4359.18' R=541.00' L=415.35'
C14	D=4341.12' R=541.00' L=412.50'
C15	D=4357.99' R=341.00' L=166.49'
C16	D=2957.59' R=300.00' L=191.20'
C17	D=2657.58' R=259.00' L=121.90'
C18	D=2363.72' R=209.00' L=128.84'
C19	D=2051.70' R=171.71' L=117.71'
C20	D=1631.43' R=150.00' L=121.01'
C21	D=2574.49' R=391.00' L=172.43'
C22	D=2710.74' R=350.00' L=165.99'
C23	D=4732.53' R=258.00' L=214.94'
C24	D=4732.53' R=300.00' L=248.96'
C25	D=4732.53' R=341.00' L=282.99'
C26	D=4358.27' R=500.00' L=326.13'
C27	D=4407.03' R=450.00' L=326.42'
C28	D=13770.25' R=45.00' L=99.75'
C29	D=1537.43' R=500.25' L=892.23'
C30	D=10728.03' R=328.00' L=43.70'
C31	D=18725.00' R=700.00' L=225.00'
C32	D=17295.45' R=603.00' L=183.43'
C33	D=15381.11' R=500.00' L=368.21'
C34	D=6425.25' R=242.00' L=272.11'
C35	D=8571.92' R=5500.00' L=514.28'
C36	D=9410.133' R=241.00' L=54.01'
C37	D=1631.47' R=541.00' L=156.08'
C38	D=1631.43' R=500.00' L=144.24'
C39	D=2574.49' R=500.00' L=1365.69'
C40	D=3554.91' R=400.00' L=940.23'
C41	D=4004.50' R=1500.00' L=500.00'
C42	D=15291.15' R=1500.00' L=605.46'
C43	D=4305.07' R=1430.00' L=77.42'
C44	D=5651.44' R=80.00' L=41.80'
C45	D=3217.07' R=80.00' L=60.71'
C46	D=7200.1' R=341.00' L=44.64'
C47	D=8580.46' R=27.00' L=6.24'
C48	D=1515.30' R=30.00' L=38.72'
C49	D=7356.39' R=30.00' L=38.72'
C50	D=6611.39' R=97.50' L=10.54'

EASEMENT NOTES

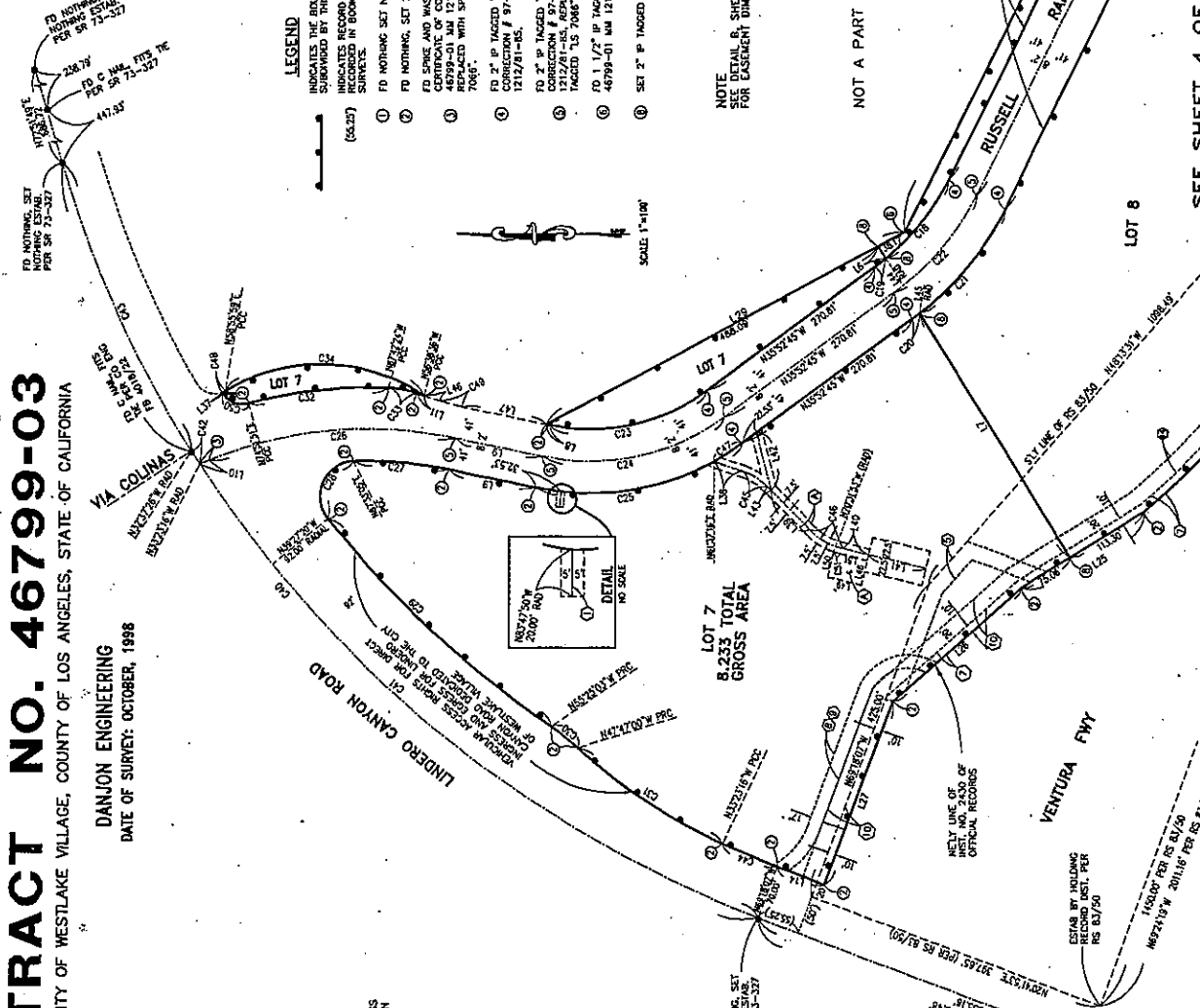
- ⑤ AN EASEMENT IN FAVOR OF PACIFIC TELEPHONE AND TELEGRAPH RECORDED IN BOOK D3911 PAGE 648.
- ⑥ AN EASEMENT IN FAVOR OF THE COUNTY OF LOS ANGELES RECORDED IN BOOK D5004 PAGE 193 OR.
- ⑦ AN EASEMENT IN FAVOR OF THE COUNTY OF LOS ANGELES RECORDED IN BOOK D5029 PAGE 5 OR.
- ⑧ AN EASEMENT IN FAVOR OF THE COUNTY OF LOS ANGELES RECORDED AS INSTRUMENT NO. 2945 OR.
- ⑨ AN EASEMENT IN FAVOR OF PACIFIC TELEPHONE AND TELEGRAPH RECORDED IN BOOK D5244 PAGE 389 OR.
- ⑩ AN EASEMENT FOR STATE HIGHWAY PURPOSES RECORDED IN BOOK D6675 PAGE 433 OR.
- ⑪ INDICATES VARIABLE WIDTH EASEMENT FOR ACCESS AND STORM DRAIN PURPOSES DEDICATED HEREON TO THE CITY WESTLAKE VILLAGE.
- ⑫ INDICATES 10' WIDE EASEMENT FOR WATER LINE RECORDED AS INSTRUMENT NO. 46799-03 DISTRICT PER INSTR. NO. 87466218 OR.

LEGEND

- INDICATES THE BOUNDARY OF THE LAND BEING SURVEYED BY THIS MAP.
- INDICATES RECORD DATA PER RECORD OF SURVEY RECORDED IN BOOK 23 PAGE 50 OF RECORD OF SURVEYS.
- ① FD NOTHING SET NOTHING.
- ② FD NOTHING, SET 2" IP TAGGED "LS 7068"
- ③ FD SPIKE AND WASHER TAGGED "LS 30477 PER CERTIFICATE OF CORRECTION # 97-80004 FOR TR 46799-01 MM 1212/81-85. 426'43.2" W 0.15' REPLACED WITH SPIKE AND WASHER TAGGED "LS 7068"
- ④ FD 2" IP TAGGED "LS 3347 PER CERTIFICATE OF CORRECTION # 97-80004 FOR TR 46799-01 MM 1212/81-85.
- ⑤ FD 2" IP TAGGED "LS 3347 PER CERTIFICATE OF CORRECTION # 97-80004 FOR TR 46799-01 MM 1212/81-85. 426'43.2" W 0.15' REPLACED WITH SPIKE AND WASHER TAGGED "LS 7068"
- ⑥ FD 1.167" IP TAGGED TRACE 1569" PER TRACT 46799-01 MM 1212/81-85
- ⑦ SET 2" P TAGGED "LS 7066"

NOTE: SEE DETAIL B, SHEET 5 FOR EASEMENT DIMENSIONING

NOT A PART



LINE TABLE

No.	BEARING	DISTANCE
L1	N 30501.07° W	56.37
L2	N 33445.4° W	13.44
L3	N 33445.4° W	82.00
L4	N 30733.54° E	220.10 (RAD)
L5	N 30733.54° E	18.15
L6	N 58904.36° E	363.53
L7	N 58904.36° E	363.53
L8	N 114008.0° E	112.85
L9	N 221819.0° W	12.03
L10	N 172554.7° E	4.16
L11	N 172554.7° E	18.54
L12	N 204153.1° E	65.25
L13	N 48242.69° W	188.77
L14	N 48242.69° W	188.77
L15	N 86531.27° W	16.54
L16	N 86531.27° W	16.54
L17	N 47774.3° W	44.84
L18	N 47774.3° W	44.84
L19	N 87241.9° W	187.46
L20	N 87241.9° W	187.46
L21	N 72271.2° W	589.85
L22	N 87241.9° W	538.68
L23	N 87241.9° W	538.68
L24	N 86431.25° W	338.48
L25	N 86431.25° W	338.48
L26	N 309528.2° W	188.36
L27	N 41754.7° W	218.57
L28	N 41754.7° W	218.57
L29	N 202453.1° E	65.25
L30	N 202453.1° E	65.25
L31	N 27363.4° W	528.26
L32	N 27363.4° W	528.26
L33	N 53241.54° W	211.01
L34	N 53241.54° W	211.01
L35	N 72513.5° E	301.24
L36	N 72513.5° E	301.24
L37	N 48341.9° W	1108.37
L38	N 48341.9° W	1108.37
L39	N 85482.50° E	40.89
L40	N 85482.50° E	40.89
L41	N 13181.88° E	34.48
L42	N 13181.88° E	34.48
L43	N 75233.35° E	75.00
L44	N 75233.35° E	75.00
L45	N 84307.15° E	RAD
L46	N 84307.15° E	RAD
L47	N 11754.08° E	191.74
L48	N 11754.08° E	191.74
L49	N 17843.32° W	40.00
L50	N 17843.32° W	40.00
L51	N 13716.28° E	45.00
L52	N 13716.28° E	45.00
L53	N 34.46° E	34.46
L54	N 34.46° E	34.46

FD NOTHING SET NOTHING ESTAB. PER SR 73-327

FD NOTHING SET NOTHING ESTAB. PER SR 73-327

FD NOTHING SET NOTHING ESTAB. PER SR 73-327

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ITEM 8B

1247 / 19

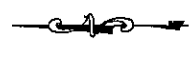
SHEET 4 OF 6 SHEETS

TRACT NO. 46799-03

IN THE CITY OF WESTLAKE VILLAGE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

DANLON ENGINEERING SCOTT E. ESTEP, PLS 7086

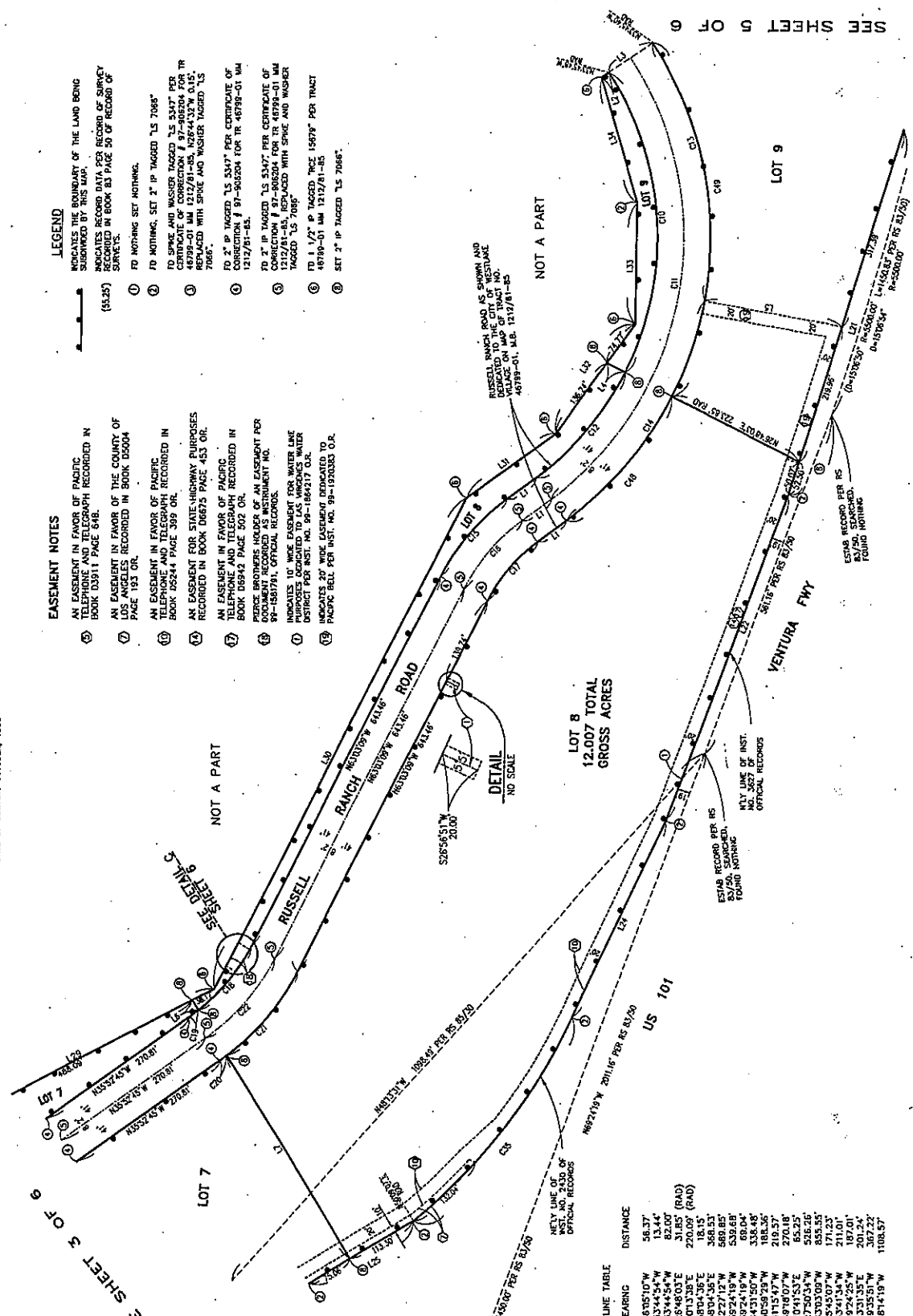
DATE OF SURVEY: OCTOBER, 1985



SCALE: 1"=100'

- LEGEND**
- (S1357) INDICATES THE BOUNDARY OF THE LAND BEING SURVEYED BY THIS MAP.
 - (S1357) INDICATES RECORD DATA PER RECORD OF SURVEY RECORDED IN BOOK 83 PAGE 50 OF RECORD OF SURVEYS.
 - ① FD NOTHING SET NOTHING.
 - ② FD NOTHING, SET 2" IP TAGGED "LS 7085"
 - ③ TO SPIKE AND WASHER TAGGED "LS 5347" PER CERTIFICATE OF CORRECTION # 97-00504 FOR TRACT 46799-01, M.B. 1212/81-82, REPLACED WITH SPIKE AND WASHER TAGGED "LS 7085".
 - ④ FD 2" IP TAGGED "LS 5347" PER CERTIFICATE OF CORRECTION # 97-00504 FOR TRACT 46799-01, M.B. 1212/81-82.
 - ⑤ FD 2" IP TAGGED "LS 5347" PER CERTIFICATE OF CORRECTION # 97-00504 FOR TRACT 46799-01, M.B. 1212/81-82, REPLACED WITH SPIKE AND WASHER TAGGED "LS 7085".
 - ⑥ FD 1 1/2" IP TAGGED "ICE 15675" PER TRACT 46799-01 M.B. 1212/81-82.
 - ⑦ SET 2" IP TAGGED "LS 7085".

- EASEMENT NOTES**
- ① AN EASEMENT IN FAVOR OF PACIFIC TELEPHONE AND TELEGRAPH RECORDED IN BOOK D3911 PAGE 64B.
 - ② AN EASEMENT IN FAVOR OF THE COUNTY OF LOS ANGELES RECORDED IN BOOK D5004 PAGE 193 OR.
 - ③ AN EASEMENT IN FAVOR OF PACIFIC TELEPHONE AND TELEGRAPH RECORDED IN BOOK D5244 PAGE 339 OR.
 - ④ AN EASEMENT FOR STATE-HIGHWAY PURPOSES RECORDED IN BOOK D0675 PAGE 455 OR.
 - ⑤ AN EASEMENT IN FAVOR OF PACIFIC TELEPHONE AND TELEGRAPH RECORDED IN BOOK D0842 PAGE 502 OR.
 - ⑥ CROSS BROTHERS TRACTS OF AN EASEMENT FOR WATER AND TELEPHONE PURPOSES RECORDED IN BOOK 99-1881791, OFFICIAL RECORDS.
 - ⑦ INDICATES 10' WIDE EASEMENT FOR WATER LINE PURPOSES DEDICATED TO LAS VINCENAS WATER DISTRICT PER INST. NO. 99-1882177 OR.
 - ⑧ INDICATES 20' WIDE EASEMENT DEDICATED TO PACIFIC BELL PER INST. NO. 99-1920033 O.A.



LINE TABLE

No.	BEARING	DISTANCE
L1	N 36°05'10"W	58.37'
L2	N 33°44'54"W	13.44'
L3	N 33°44'54"W	82.00'
L4	N 87°00'00"E	20.00' (RAD)
L5	N 01°13'30"E	20.00' (RAD)
L6	N 59°04'35"E	18.15'
L7	N 59°04'35"E	358.53'
L8	N 65°24'19"W	108.04'
L9	N 65°24'19"W	539.68'
L10	N 65°24'19"W	33.88'
L11	N 65°24'19"W	188.36'
L12	N 41°15'47"W	219.57'
L13	N 89°49'07"W	270.18'
L14	N 20°41'53"E	55.25'
L15	N 67°00'00"W	84.85'
L16	N 35°45'07"W	171.23'
L17	N 53°41'34"W	211.01'
L18	N 89°24'25"W	187.01'
L19	N 23°31'35"E	201.74'
L20	N 48°14'19"W	1108.57'

CURVE TABLE


Curve No.	Bearing	Distance
C10	D=6033'32"	R=483.00'
C11	D=104°12'17"	R=500.00'
C12	D=27°06'17"	R=459.00'
C13	D=43°58'18"	R=541.00'
C14	D=42°41'12"	R=541.00'
C15	D=26°57'59"	R=341.00'
C16	D=26°57'59"	R=300.00'
C17	D=26°57'59"	R=250.00'
C18	D=23°33'22"	R=309.00'
C19	D=03°17'03"	R=309.00'
C20	D=01°45'35"	R=12.01'
C21	D=24°40'57"	R=404.51'
C22	D=27°10'24"	R=330.00'
C23	D=27°06'17"	R=404.51'
C24	D=27°06'17"	R=404.51'
C25	D=60°33'33"	R=571.84'

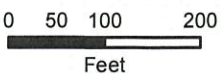
SEE SHEET 5 OF 6

SEE SHEET 3 OF 6

ITEM 8B

Legend

 Easement 200140037131



Easements: Parcel Map No. 71900

ITEM 8B





VIA Colinas
Lindero Canyon Rd

EAS1281
05-2969453

EAS0864
99-1864222

EAS1281
05-2969453

EAS1281
05-2969453

Russell Ranch Rd

EAS0864
99-1864222

US 101

0 50 100 200
Feet

Easements: Tract No. 46799

ITEM 8B





April 8, 2014 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject: Regulator Maintenance and Replacement Program: Contract for Purchase and Delivery of Cla-Val Parts and Products

SUMMARY:

The District is completing its first year of a three-year Regulator Maintenance and Replacement Program for 1,580 regulators that are over 10 years old and require maintenance or replacement. The Cla-Val parts and products required for the work, which is performed by District staff, are purchased from Famcon Pipe & Supply, a distributor of Cla-Val products.

The term of the final contract renewal option with Famcon expires on April 12, 2014, and staff is preparing to recirculate a Call for Bids for the on-going purchase and supply of Cla-Val parts and products. In the meantime, staff recommends that the Board authorize the General Manager to execute a month-to-month contract with Famcon, through June 30, 2014 for an amount not-to-exceed \$100,000, to allow for completion of the first-year of the Regulator Maintenance and Replacement Program.

RECOMMENDATION(S):

Authorize the General Manager to execute a month-to-month contract with Famcon Pipe & Supply, Inc., through June 30, 2014 for an amount not-to-exceed \$100,000, for the purchase and delivery of Cla-Val parts and products.

FINANCIAL IMPACT:

Sufficient funds for this work are available in the adopted Fiscal Year 2013-14 Budget.

DISCUSSION:

Background:

Staff has identified approximately 1,580 regulators that are over 10 years old and require maintenance or replacement as part of a three-year Regulator Maintenance and Replacement Program. As part of the program, deteriorated Cla-Val 90-01 pilot-controlled regulators are being replaced with Cla-Val 990 direct-acting regulators. Additionally, Cla-Val parts and products are routinely used by staff for the maintenance of hydraulic flow control valves used at pump stations, water tanks and regulating stations.

During the current fiscal year, staff proposed and budgeted to replace 500 deteriorated regulators. To-date, approximately 350 regulators have been replaced. Execution of the recommended month-to-month contract with Famcon Pipe & Supply, Inc. would allow staff to install approximately 150 additional regulators, completing the goal of 500 regulator replacements for the first year of the Regulator Maintenance and Replacement Program.

Contract with Famcon Pipe & Supply, Inc.:

On April 12, 2011, the Board awarded a contract to Famcon Pipe & Supply, Inc., for the purchase and

delivery of Cla-Val parts and products with two one-year renewal options. On March 26, 2013, the Board authorized the General Manager to execute the final one-year renewal option with Famcon through April 12, 2014, and to increase the contract amount by \$20,000, from \$65,000 to \$85,000, which allowed for the replacement of a total of 350 regulators for the current fiscal year. For the purchase of the remaining 150 regulators, Famcon has agreed to maintain its existing pricing, which is approximately 28% below Cla-Val list pricing, through June 30, 2014.

Prepared By: Joseph Lillio, Finance Manager



April 8, 2014 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject: Ford Meter Box Parts and Fittings: Award of Bid

SUMMARY:

On February 25, 2014, the Board approved a Call for Bids for Ford Meter Box parts and fittings. Bids were received and opened publicly on Wednesday, March 19, 2014. The annual expense for these parts is expected to be approximately \$50,000. Award of the bid will ensure that the District receives competitive pricing throughout the year, while maintaining acceptable inventory levels for daily operations.

RECOMMENDATION(S):

Accept the bid from Famcon Pipe and Supply, Inc., and authorize the General Manager to execute a one-year contract in the amount of \$49,373.53, with three one-year renewal options, for the supply of Ford Meter Box parts and fittings.

FINANCIAL IMPACT:

The total annual cost to the District for Ford Meter Box parts and fittings is estimated to be \$50,000. The vast majority of these parts are District inventory items; actual costs will not be expensed until the parts are used. Sufficient funds are available in the adopted Fiscal Year 2013-14 Budget, and additional funds will be proposed in future year budgets.

DISCUSSION:

Bid packets were sent to four Ford Meter Box Company distributors in the greater Los Angeles area; two bids were received. Staff contacted the two distributors who did not respond to ensure that the bid format was not viewed as restrictive by prospective bidders. The reasons given for non-participation were limited staff for bid preparation due to vacations, inability to submit competitive bid after seeing bidder pool, and no current account activity with the District.

During bid review, it was noted that the bidder with lowest overall dollar total listed a lower discount percentage (46%) than the second lowest bidder (52.5%). The second lowest bidder confirmed that its unit pricing and total bid amount were firm and its discount rate to the District had been misstated. Upon further explanation, the bidder explained that the stated discount rate was for bidder's cost and did not include a mark-up percentage applied to the District. The bid award is based on the total bid price using estimated annual quantities. As a result, the lowest responsive, responsible bidder was Famcon Pipe and Supply, Inc., with a total bid amount of \$49,373.53, 46% off of the manufacturer's list price.

Bid Summary:

Bidder	Total Bid	% Discount
Famcon Pipe & Supply, Inc.	\$49,373.53	46%
Western Water Works Supply Company	\$51,811.45	52.5%*
*Discount does not include mark-up applied to District		

ITEM 9B

Prepared By: Gretchen Bullock, Buyer

ATTACHMENTS:

Ford Meter Box Parts & Fittings Bids

ORIGINAL

Las Virgenes Municipal Water District
Bid Form-Schedule
Ford Fittings-Annual Supply

The undersigned states and declares as follows: that the bidder has carefully read and examined the Bid Documents; Bid Notice; Instruction to Bidders; Bid Specifications including exhibits; Bid Form-Schedule; and that the bidder will comply with the bid terms and conditions. The undersigned agrees to supply and deliver materials in strict conformity with the specifications and instructions enclosed with the Invitation for Bids for the prices set forth below in this bid schedule.

It is understood that this bid shall remain open and shall not be withdrawn for a period of ninety (90) days from the date prescribed for the opening of the bid.

It is further agreed that the materials/services to be furnished under this bid shall be delivered at such time and in such quantities as called for by the Las Virgenes Municipal Water District. The District may extend the term of this contract by written notice to the supplier at the end of the contract period.

CONTRACT TERM as follows: Initial contract term shall be good for one (1) year from date of award. Three (3) additional one (1) year renewals may be negotiated at the District's option.

Materials/Services to be furnished under this bid shall be delivered FOB Destination Freight Pre-Paid and Allowed to Las Virgenes Municipal Water District, Warehouse Building, 4232 Las Virgenes Road, Calabasas, CA 91302 within 14 days after receipt of order (ARO).

The bidder's authorized officer identified below hereby declares that the representations in this bid are true and correct and of my own personal knowledge, and that these representations are made under penalty of perjury under the laws of the State of California, and that I am duly authorized to bind this bidder to this bid.

>>>Intentionally left blank; itemized bid schedule begins on page 2<<<

Bid Item #	Qty	Ford# (all NL)	Unit Price	Extended Price	Discount %
1	8	CF31-66	35.11	280.88	46
2	14	CF31-77	45.85	641.90	46
3	60	CF38-77-1-937-NL	46.06	2,763.60	46
4	220	RA4	10.23	2,250.60	46
5	700	C38-44-2.625	12.14	8,498.00	46
6	68	C38-44-2	11.80	802.40	46
7	60	C38-44-1.5	11.80	708.00	46
8	8	B13-332w + HB345	53.29	426.32	46
9	105	BF13-454w + HB345	83.20	8,736.00	46
10	19	BF13-676w + HB675	157.76	2,997.44	46
11	14	BF13-787w + HB675	233.17	3,264.38	46
12	6	C44-66	56.61	339.66	46
13	12	C44-77	76.43	917.16	46
14	20	C46-44	26.70	534.00	46
15	8	C04-45	27.09	216.72	46
16	6	C84-43	13.27	79.62	46
17	6	FB700-4	48.81	292.86	46
18	5	FB700-6	115.51	577.55	46
19	8	FB700-7	201.78	1,614.24	46
20	2	FB1700-6	111.75	223.50	46
21	13	FB1700-7	180.78	2,350.14	46
22	51	KV23-444w	41.22	2,102.22	46
23	3	FV23-777w	200.36	601.08	46
24	1	FV23-666w	148.95	148.95	46
25	8	FV13-666w	122.81	982.48	46
26	7	FV13-777w	170.66	1,194.62	46
27	7	HBW-3	5.44	38.08	46
28	7	HBW-4	6.50	45.50	46
29	44	CF38-66-2-NL	37.93	1,668.92	46
30	Discount percentage for standard Ford parts not specifically listed above			46% off List %	
				Sub-total	45,296.82
				LA County Sales Tax (9%)	4,076.71
				Total Bid Amount \$	49,373.53

ORIGINAL

Written Total Bid Amount:

Forty nine thousand three hundred seventy three dollars and fifty three cent

Notes or Exceptions:

NONE

Addendum Acknowledgement:

Addendum #1 Signed: Don Isley

Addendum #2 Signed: _____

Addendum #3 Signed: _____

Bidder:

Famcon Pipe + Supply Inc 3-18-14
 Corporate Name of Bidder Date

By: Don Isley Title: Waterworks Manager
 Authorized Signature

Don Isley disley@famconpipe.com
 Print Name E-mail

805-485-4350
 Phone

200 Lambert St, Oxnard CA 805-485-3070
 Address 93036 Fax

ORIGINAL

Bid Item #	Qty	Ford# (all NL)	Unit Price	Extended Price	Discount %
1	8	CF31-66	35.09	280.72	52.5
2	14	CF31-77	45.83	641.62	52.5
3	60	CF38-77-1-937-NL	46.05	2763.00	52.5
4	220	RA4	20.44	4496.80	52.5
5	700	C38-44-2.625	12.14	8498.00	52.5
6	68	C38-44-2	11.80	802.40	52.5
7	60	C38-44-1.5	11.80	708.00	52.5
8	8	B13-332w + HB345	53.27	426.16	52.5
9	105	BF13-454w + HB345	83.16	8731.80	52.5
10	19	BF13-676w + HB675	157.69	2996.11	52.5
11	14	BF13-787w + HB675	233.07	3262.98	52.5
12	6	C44-66	56.59	339.54	52.5
13	12	C44-77	76.40	916.80	52.5
14	20	C46-44	26.70	534.00	52.5
15	8	C04-45	27.08	216.64	52.5
16	6	C84-43	13.26	79.56	52.5
17	6	FB700-4	48.80	292.80	52.5
18	5	FB700-6	115.47	577.35	52.5
19	8	FB700-7	201.69	1613.52	52.5
20	2	FB1700-6	111.70	223.40	52.5
21	13	FB1700-7	180.70	2349.10	52.5
22	51	KV23-444w	41.20	2101.20	52.5
23	3	FV23-777w	200.27	600.81	52.5
24	1	FV23-666w	148.89	148.89	52.5
25	8	FV13-666w	122.76	982.08	52.5
26	7	FV13-777w	170.59	1194.13	52.5
27	7	HBW-3	5.73	40.11	52.5
28	7	HBW-4	6.84	47.88	52.5
29	44	CF38-66-2-NL	37.91	1668.04	52.5
30	Discount percentage for standard Ford parts not specifically listed above				52.5%
	Sub-total			47533.44	
	LA County Sales Tax (9%)			4278.01	
Total Bid Amount				\$ 51811.45	

ORIGINAL

Written Total Bid Amount:

Fifty One Thousand Eight Hundred Eleven ~~and~~ ^{dollars}
and Forty Five Cents

Notes or Exceptions:

Approximate lead times two days to four weeks
after receipt of order. Pricing valid for one year
from date of acceptance. Future pricing for
extensions may require a price adjustment
per the manufacture. Upon receipt of said
adjustment we will notify the district of the same

Addendum Acknowledgement:

Addendum #1 Signed: Martin Michaelson
Addendum #2 Signed: _____
Addendum #3 Signed: _____

Bidder:

Western Water Works 3-14-14
Corporate Name of Bidder Date

By: Martin Michaelson Title: Director of Sales
Authorized Signature

Martin Michaelson martin@wwwsco.com
Print Name E-mail

(909) 630-6361
Phone

5831 Pine Ave
Chino Hills, Ca. 91709 (909) 597-7050
Address Fax



April 8, 2014 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Resource Conservation & Public Outreach

Subject: Budget-Based Water Rates: Approval of Proposals for Consulting Services and Aerial Imagery, and Update on Automated Meter Reading Implementation Project

SUMMARY:

On March 25, 2014, the Board approved an action plan and timeline for development of budget-based water rates for the District. To initiate the effort, staff recommends approval of two proposals to initiate the two-year effort. Attached for reference are copies of the proposals, which are described in more detail below.

The first proposal is from Tom Ash, Principal of Tom Ash & Associates, who will provide advisory consulting services to the District in the amount of \$37,500, using his 12 years of experience assisting a dozen agencies in the study and/or implementation of budget-based water rates. Mr. Ash's primary tasks would include working with staff to plan and coordinate the development of water budgets, providing input for the financial study, recommending rate options for different customer classes, planning outreach activities with staff, and assisting with updates to the Board.

The second proposal is from Eagle Aerial Imaging to provide 6-inch, high-resolution, color, infrared aerial imagery, processed using proprietary software, to provide data on irrigated areas for District-served parcels. The total cost is \$53,720, less a \$4,500 fee for the pilot study that was already completed for 56 parcels, resulting in a net amount of \$49,220 to complete the imagery for the entire District. Staff proposes the use of 6-inch imagery instead of 1-foot imagery for better accuracy and to aid in discerning whether areas classified as "potentially irrigated" are irrigated or not.

At the Board meeting, staff will also provide an update on the District's Automated Meter Reading Implementation Project, which had been on hold due to the bankruptcy filing by the current vendor, stemming from manufacturing defects with their meter interface units. The project complements the transition to budget-based water rates because it facilitates monthly meter reading and billing, which is an important aspect of the effort. Staff will discuss the various solutions it is examining, which include maintaining operation of the current system, options for a seamless transition to alternate technology, and possibly contracting for meter reading services by a third party to transition to monthly billing more quickly.

RECOMMENDATION(S):

Approve the proposal from Tom Ash & Associates and authorize the General Manager to execute a professional services agreement to provide advisory consulting services in an amount not to exceed \$37,500 for transitioning to budget-based water rates; and approve the proposal from Eagle Aerial Imaging and authorize the General Manager to execute a professional services agreement for an amount not to exceed \$49,220, plus applicable sales tax, to provide aerial imagery and irrigated area data for District-served parcels.

FINANCIAL IMPACT:

Sufficient funds are available in the adopted Fiscal Year 2013-14 Budget for the initial expenses under the two contracts in the current fiscal year, estimated to be \$20,000. Funding for the remaining portion of the work will be proposed in the Fiscal Year 2014-15 Budget.

Prepared By: Carlos Reyes, Director of Resource Conservation and Public Outreach

ATTACHMENTS:

[Tom Ash & Associates Proposal](#)

[Eagle Aerial Imaging Proposal](#)

Tom Ash & Associates
434 Santa Ana Avenue
Newport Beach, CA 92663

March 31, 2014

To: Carlos Reyes
From: Tom Ash
Re: Scope of Work for Water Budget Rate Structure Process Coordination, Advisement & Participation

Introduction:

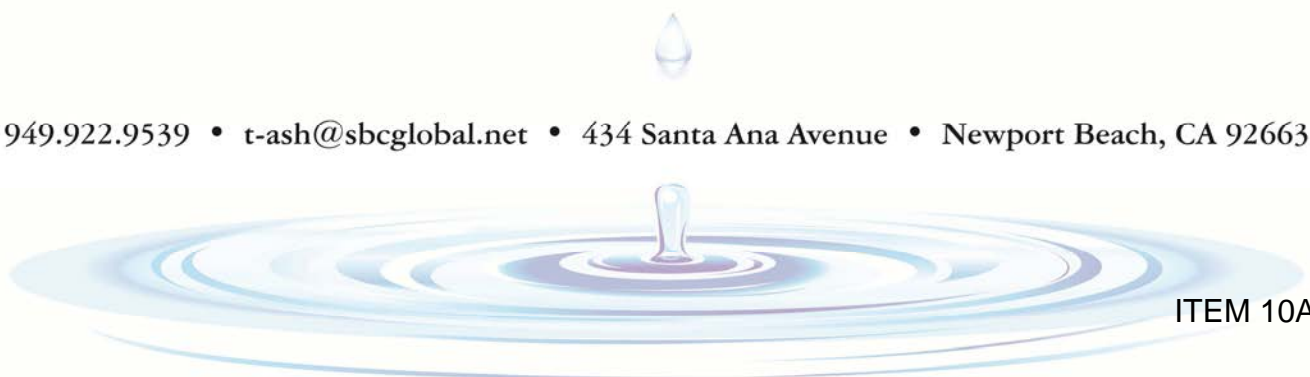
Las Virgenes MWD (LVMWD), like many water providers, experiences significant revenue volatility, customer complaints with the current 'fixed-tier' rate design, and revenue shortfalls directly associated with reduced water use (from conservation, drought restrictions and/or the economy). LVMWD has recognized that water resources are limited, water legislation requires water efficiency by customers (and the agency), that drought occurs consistently and that the customer-base is varied, with respect to weather, lot size, family size, business type, all with different water needs. LVMWD is therefore conducting a detailed study of water rate structures designed to address individual customer water needs, agency water efficiency requirements, and a more effective recovery of the costs for providing long-term reliable water supplies equitably across the customer base. This proposal is designed to assist the LVMWD with developing, analyzing, educating the board, staff and customers on the potential implementation of an individualized water budget rate structure by early 2016.

Proposal Goal:

A prospective change of rate structures is fully intended to benefit the customers of LVMWD with a fair allocation of limited water resources, enable the agency to accurately recover the costs of reliable water delivery, and enable to public agency to help end-users have water bills that reflect their actual needs while keeping water bills as low as possible. The process to study, analyze and consider a rate structure change requires specific steps, data and expertise.

At the request of the LVMWD, this proposed Scope of Work (SOW) outlines the sequential process for developing customer level data, conducting a financial analysis (by an independent financial consultant), and evaluation of water rate options. The SOW includes providing staff training at every step, developing an outreach program to customers, and documenting the process in order for the district board of directors to determine a direction for a prospective change from the current water rate structure and implement if so approved. With 12 years of

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ITEM 10A

Water Rates • Water & Landscape Efficiency Programs • Agency Advisement • Public & Staff Education • Public Relations Programs

experience working directly with water budget rates at the staff/agency/customer level, and assisting a dozen agencies in the study and/or implementation of water budget rates, this SOW seeks to provide a cost-effective, direct, successful process for LVMWD to analyze the potential for a water rate structure change.

As an advisor/consultant it is the intention to work closely with LVMWD staff to coordinate the tasks, present options to the board of directors and customers, so that the LVMWD Board of Directors can consider the best options for the agency and customers with regard to water rates. Those tasks include at least the following:

Phase 1 – Developing water rate recommendations for LVMWD Board consideration:

- kick-off staff meeting; sets the collective work agenda, how each department participates in the process, the project goals, tasks and schedule
- recommends the best options for data collection (customer site data, weather data, customer survey, other), tasks and timelines
- assist selection of financial consultant for cost of service study
- provide direction/parameters to the financial consultant
- provide recommendations for customer allocations and rate structure design
- recommend water budget rate options for different customer classes
- review/participate in water rate financial modeling derived from the cost of service study
- outline/review billing system requirements, including on-bill information/design, CIS abilities, rate structure measurement/tracking of customer impacts (for determining potential costs for programming)
- outline a community outreach program, schedule, roles, and estimated costs for board education
- assist development of staff recommendations and a board workshop on cost of service and rate modeling findings
- participate in board education on cost of service study, rate structure impact/options (this can be done in committee meetings and/or a single board workshop or both)

Advisor Consultant:

Estimated time: 140 hours (56% of total time estimate)

Estimated cost: \$21,000

Estimated expenses: \$1,500

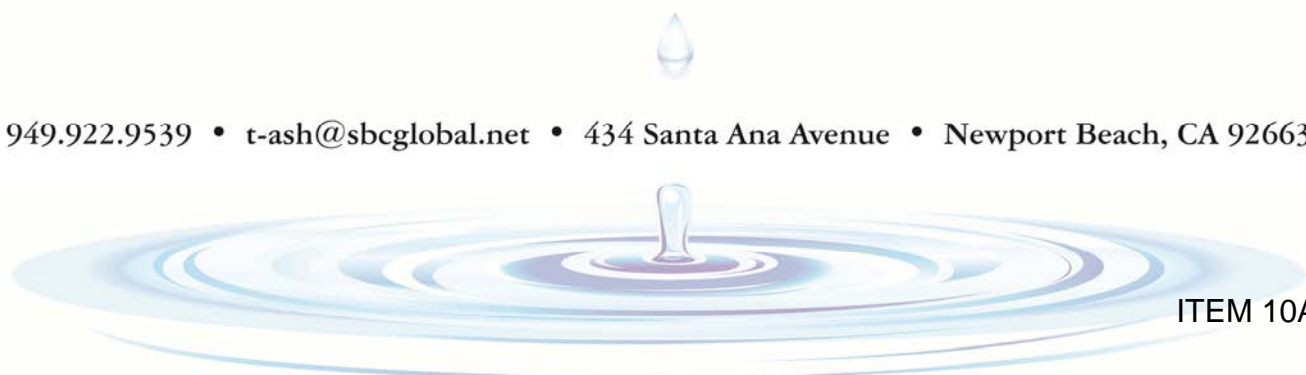
Estimated timeframe: Spring 2014 – Fall 2014

Phase 1 work by others:

- Irrigated area data
- Financial study
- ET data for LVMWD microzones

Phase 2 – Based on board direction (re: anticipated approval of water budget rates based on the cost of service study, water rate modeling and staff recommendations)

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Water Rates • Water & Landscape Efficiency Programs • Agency Advisement • Public & Staff Education • Public Relations Programs

- assist with organizing rate structure data and water budget rate descriptions to build an “administrative and community outreach record” (continue to build the “administrative record” throughout the process for legal standing, educating customers and to protect the agency with regard to potential/future challenges)
- develop customer ‘Adjustment’ (variance) program for board policy approval
- assist development of a public outreach program, including targeting of key stakeholders, website information, talking points for agency staff and officials, template power point and/or carrying boards for meetings with the public, handouts, etc.
- coordinate use of the ‘water budget calculator ‘ to address customer concerns about “their” specific use/bill impact (pre-emptive Prop 218 public hearing work)
- make recommendations for collecting and storing updated customer data (customer ‘Adjustments’, etc.)
- participate in public and stakeholder meetings as required by LVMWD
- assist/review Proposition 218 notice with staff/legal counsel
- assist with Proposition 218 public hearing, presentation options, board education, staff presentation and addressing public comments

Estimated time: 110 hours (44% of total time estimate)

Estimated cost: \$16,500

Estimated expenses: \$1,000

Estimated timeframe: January 2015 through Proposition 218 Process (late 2015)

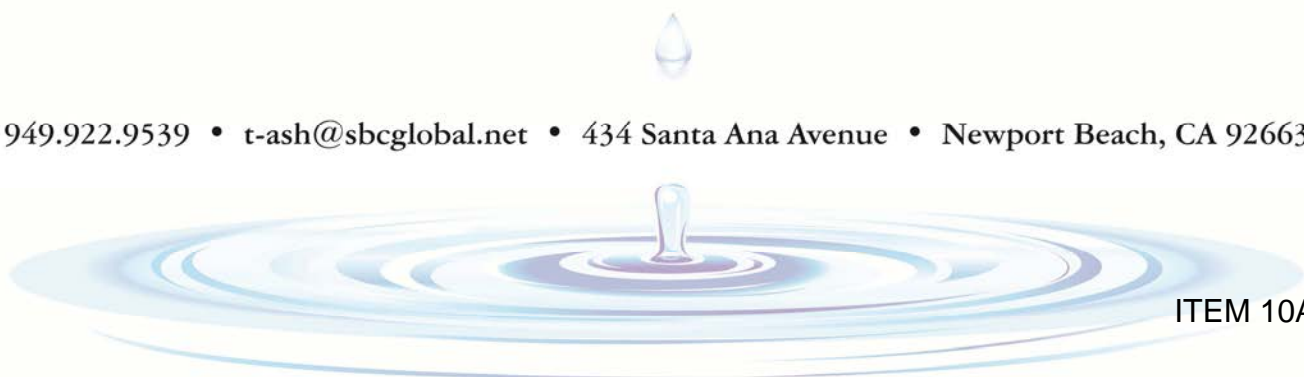
Phase 2 work by others:

- legal counsel services / Proposition 218 process
- promotional/outreach materials
- billing system upgrades/programming
- website upgrades/customer portal
- other

Summary:

It is the intent of this proposal to provide LVMWD with experienced guidance through the process of data collection, evaluation and initial water rate recommendations for board presentations (Phase 1). The intent of the advisement is to (1) insure a successful rate structure (stable revenue, increased conservation, customer equity) for the agency, and (2) seek to keep costs down by providing a direct path and details on the most successful methods used by other agencies (avoid re-inventing the wheel).

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ITEM 10A

Water Rates • Water & Landscape Efficiency Programs • Agency Advisement • Public & Staff Education • Public Relations Programs

Phase 1 Estimated Rate Advisement:

\$21,000 (140 hours)

Expenses: \$1,500 (lodging, travel)

Phase 2 Estimated Rate Advisement:

\$16,500 (110 hours)

Expenses: \$1,000 (lodging, travel)

Total Estimated Rate Advisement Consulting:

\$37,500 (250 hours over 20 month period)

Expenses: \$2,500



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ITEM 10A

SCOPE OF WORK

For Las Virgenes Municipal Water District
By
Eagle Aerial Imaging

BACKGROUND

Las Virgenes Municipal Water District (“LVMWD”) desires to engage Eagle Aerial Imaging (“Eagle”) to determine certain on-the-ground conditions of individual parcels within LVMWD’s service area (the “Target Parcels”) (the “Project”), including parcels that have wildland interface and developed parcels as designated by LVMWD. The intention of the Project is to use Eagle’s data and remote sensing analysis expertise to calculate, to an acceptable degree of accuracy, on individual parcels within LVMWD’s service area, the following surface characteristics: 1) Impervious surfaces (concrete, asphalt, other pavement types); 2) Swimming pools; 3) Land that appears to be irrigated (lawn, flower beds, trees, surrounding lawns, etc.); and 4) Land that appears to be natural vegetation and not irrigated. This effort is part of establishing procedures that will be made available to LVMWD in their effort to understand water usage and other conservation goals. Eagle will use a GIS-based remote sensing analysis approach, combined with color infra red high resolution imagery to be produced for this project and Eagle’s proprietary techniques with software and expertise to provide the analytical data requested by LVMWD. The goal of the Project is to achieve an accuracy level of 90% or higher which will provide significant savings over other potential ways to determine the indicated surface conditions within the designated parcels.

SCOPE OF WORK

Four band Imagery (Red, Green, Blue, and Color Infrared) 6 inch pixel resolution imagery of the entire service area of LVMWD (per shape file sent to Eagle by LVMWD) (the “6 inch Aerial Imagery”) will be captured and processed for use in the Project. This imagery will be used to identify the pervious and impervious land cover. All four bands will be analyzed accurately based on the seven recognition elements of air photo interpretation, pixel values (tone or color), shape, size, pattern, shadow, texture, association, spectral signature and site. Accuracy level is targeted at 90% or above.

Materials: This is the data to be supplied to Eagle from LVMWD:

- Parcel shape files of the parcel data for the Target Parcels.
- Corresponding addresses will be used that are connected to the parcel. This will tie the customer to the parcel.

Deliverables: The deliverables that LVMWD will receive are as follows:

- Parcel polygons of geographic locations are identified for the Target Parcels. These polygons will be 100% compatible with ESRI software. When imported into the ESRI software, each of the Target Parcels will be identified by a parcel polygon 1) Impervious surfaces (concrete, asphalt, other pavement types); 2) Swimming pools; 3) Land that appears to be irrigated (lawn, flower beds, trees, surrounding lawns, etc.); and 4) Land that appears to be natural vegetation and not irrigated. Cost effectively distinguishing accurately between irrigated and natural vegetation on the parcels that have wildland interface will be part of the goal of this pilot project. Color identified and textual attribute data identified with square footage information for the individual conditions identified (vegetation, bare soil, pools, and impervious surfaces) will be provided.

- In addition, a corresponding Excel data file will be included, matching parcel number to geographic polygon parcel with the square footage of vegetation, bare soil, pools, and impervious surfaces in each parcel. The attributes in the above parcel polygon will be included in the Excel spreadsheet.
- Eagle will also deliver the 6 inch Aerial Imagery to LVMWD minimally compressed in ecw format, projected in State Plane (or in such other comparable format as may be requested by LVMWD). The 6 inch Aerial Imagery will be delivered to LVMWD upon completion of its ortho rectification processing of the approx. 731 digital images.

Meetings/coordination with LVMWD

Eagle Aerial will coordinate with LVMWD to obtain necessary data (such as parcels, addresses etc...) on an as-needed basis to maximize the accuracy of the Project.

Meetings will be held as necessary via phone or in person to maximize the results of the Project.

Scope of Project

The Project consists of designated developed parcels and wild lands parcels that will be provided to Eagle by LVMWD. The study will include all residential SFH parcels (including parcels bordering the wild lands). The price for the services provided by Eagle under this Scope of Work are limited to those specified herein. Any further services, which are not specifically described herein, but are subsequently identified, shall be negotiated between Eagle and LVMWD for additional time and compensation. The price includes the entire Project to be completed at one time.

PROJECT TIMELINE AND KEY TASKS

Schedule:

Project:

Estimated Time Frame: LVMWD will provide Eagle with a notice to proceed in order to authorize the commencement of the project. Eagle will finalize the production of the 6 inch Aerial Imagery within 60 days following capture, with capture to occur as soon as possible after native grasses die out (as communicated to Eagle by LVMWD). Once the imagery is processed and Eagle has received all the data required to be provided by LVMWD, it will take approximately 6 weeks for the Project deliverables to be provided to LVMWD.

Steps:

- A) Once a notice to proceed is given, the Project will commence.
- B) First, the 6 inch Aerial Imagery will be captured & produced as well as LVMWD will deliver all of the materials required above to Eagle.
- C) Then, remote sensing analysis by Eagle will be done, a small area. Then, the results will be given to LVMWD for review and feedback to make any changes as necessary. LVMWD will have one (1) week to provide the feedback to Eagle. Any time beyond the one week will result in possible delay of the Project.

- D) Eagle will make any corrections or modifications needed and will submit the area of study to LVMWD for final approval. LVMWD will have one (1) week to provide approval. Time beyond one week will result in possible delay of the Project.

BUDGET

Eagle Aerial will perform the Project for \$49,220 plus applicable sales tax (the "Project Fee"). The Project Fee consists of the full price of \$53,720 minus a credit to LVMWD of \$4,500, which is the price paid previously to Eagle for a pilot project, for which credit is being given to LVMWD pursuant to an existing agreement. This cost will not be exceeded without written authorization from LVMWD.

LVMWD will pay 30% of the Project Fee upon its approval of the Project. LVMWD will pay an additional 20% of the Project Fee upon completion and delivery to LVMWD of the 6 inch Aerial Imagery. The remainder of the Project Fee will be invoiced after the Project is completed and will be payable within 30 days.



April 8, 2014 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject: Financial Analysis and Rate Study: Approval of RFP

SUMMARY:

The final adopted rate increase from the 2012 Rate Study and Financial Analysis is scheduled to take effect on January 1, 2015. Considering the development of budget-based water rates and the resulting outreach and programming time needed to implement the new structure, it would be prudent to start a financial analysis and rate study now. This will also allow the work to be completed concurrently with additional studies needed for the new rate structure and consistent with the action plan and timeline approved by the Board on March 25, 2014. Staff prepared a Request for Proposals (RFP) to select a consultant to conduct the financial analysis and rate study. Based on a preliminary schedule, the recommendation for the Board award a contract can be anticipated in June 2014.

RECOMMENDATION(S):

Approve the Request for Proposals for a financial analysis and rate study.

DISCUSSION:

The District sets its fees and charges based on the results of a financial analysis and rate study. The last study was completed in 2012 and resulted in the adoption of rate adjustments on October 23, 2012. At that time, the Board adopted rate adjustments effective each January 1st, beginning in 2013 and through 2015.

The District has considered implementing a budget-based water rate structure, and on March 25, 2014, the Board approved an action plan and timeline for the effort. This RFP is consistent with the action plan and timeline. The work performed by the selected consultant will be coordinated with that of staff and other consultants working on various aspects of the action plan. Also, data from studies performed by other consultants will be utilized to calculate and finalize the recommended fees and charges.

The selected consultant will provide multiple detailed analyses as the rate recommendations are developed. The consultant will begin with a cost of services analysis to determine baseline cost to provide reliable services, considering inputs from the Infrastructure Investment Plan (IIP), known and projected wholesale water rates, staffing and other operations and maintenance costs. Emphasis will be placed on distinguishing fixed and variable costs. The cost of services analysis will enable the District and Board to ensure that the proposed rates accurately recover costs.

The second phase of the work will be the completion of a financial analysis, including a review of current and projected reserves to ensure that the proposed rates and charges are sufficient to meet the District's needs. These analyses will result in a proposed rate structure that will include options to recover the cost of services. As the selected consultant develops rate options for the water enterprises, an analysis will be completed to ensure compliance with Proposition 218.

An analysis of the District's current financial capacity and reserve levels in its three enterprises will also be completed. The financial review will support recommendations related to appropriate financial reserve levels for each enterprise, which will be considered in the recommended fees and charges.

ITEM 10B

A final, optional, scope of work includes assisting District staff with outreach and education efforts through the development of an on-line tool to compare current and proposed rates for customers based on their individual information. This service will be awarded if the District determines that the additional assistance is needed and dependent on the consultant's approach to accomplish the objective.

Prepared By: Donald Patterson, Director of Finance & Administration

ATTACHMENTS:

Rate Study RFP

Attachment A

Attachmnet B

LAS VIRGENES MUNICIPAL WATER DISTRICT

4232 Las Virgenes Road, Calabasas, California 91302



REQUEST FOR PROPOSALS

For

FINANCIAL ANALYSIS & RATE STUDY

Proposal Issue Date

April 9, 2014

Proposal Submittal Due Date

5:00 p.m. on May 8, 2014

Documents available online at:

www.lvmwd.com

LAS VIRGENES MUNICIPAL WATER DISTRICT

REQUEST FOR PROPOSALS

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I. INTRODUCTION

A. General Information

The Las Virgenes Municipal Water District (District) serves the western edge of Los Angeles County including the cities of Agoura Hills, Calabasas, Hidden Hills and Westlake Village. The district occupies 122 square miles and services a population of approximately 70,000. The District provides potable water, recycled water, and sanitation (wastewater) services to its customers through three separate enterprise funds. The sanitation and recycled water services are provided through a Joint Powers Authority with the Triunfo Sanitation District.

Las Virgenes Municipal Water District is organized under the Municipal Water District Act of 1911 (California Water Code 7100). A five-member board of directors, each elected by geographic divisions, provides governance. Directors serve overlapping four-year terms, and every two years - concurrent with installation of the newly elected board – they select board officers. The board also selects a local representative from LVMWD to serve on the Board of Directors of the Metropolitan Water District of Southern California.

The District is requesting proposals from qualified firms to provide a cost of services analysis, a review of each enterprise's financial and reserve status and projected needs, and the development of proposed rates for potable water, recycled water and sanitation (wastewater). The Board has authorized the analysis and development of water budget based rates for the water supply that would be implemented as part of this study.

To be considered, five copies of a proposal must be received by **5:00 p.m. on May 8, 2014** addressed to:

Donald Patterson
Director of Finance & Administration
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

Proposals received after the above date and time will not be considered.

B. Background

The District's Board last approved rate adjustments on October 23, 2012. That action implemented three years of rate changes each January 1 through 2015. That rate adjustment was the result of a rate study completed in 2012. The action the Board took included drawing down reserve funds for operations and maintenance of the potable water system, thereby reducing the amount of the reserves over the three-year period.

On March 13, 2014, the Board held a special meeting to discuss water budget based rates. At that meeting, the Board gave direction to staff to pursue development of water budget based rates and to bring to the Board an implementation schedule at the following meeting. Video of the meeting is available at <http://lasvirgenesmwd.swagit.com/play/03192014-533>.

On March 25, 2014, the Board approved an action plan and timeline for budget-based water rates that is included herein for reference as Attachment A. The work to be performed in response to this RFP will be an integral component of the overall action plan.

The District, through this RFP, seeks to develop proposed water budget based rates whose development is transparent to customers, assists the District in meeting mandatory water reductions, and enables the District to continue to deliver reliable service in a fiscally responsible manner.

C. Term of Engagement

It is anticipated that the engagement will be completed within 18 months. The following are proposed milestones. Your proposal must include a detailed schedule of milestones that allows new rates to be implemented in 2016, including time to make necessary modifications to the billing system and an extensive outreach effort.

Proposal Due Date	May 8, 2014
Presentation (if needed)	May 20, 2014
Award of Contract	June 10, 2014
Contract Completed	June 20, 2014
Kick Off Meeting	June 23, 2014
Cost of Service and financial reviews completed	December 2014
Draft Rate Options Developed	March 2015
Board Workshop	April 2, 2015
Finalize Rates	April 2015
Community Workshop(s)	May 2015
Board Approval of Prop 218 Process	June 10, 2015
Board Approval of Rates	August 12, 2015

The selected consultant will prepare monthly updates that may be presented verbally or in writing.

II. SCOPE OF SERVICES

A. General

The District is seeking proposals from qualified firms to perform a detailed cost of services, financial, and rate analysis. The selected firm will be required to thoroughly understand District finances, financial status, and the base cost to deliver reliable service. The recommended rates will be developed to ensure a fiscally sound District that is able to deliver reliable water and sanitation services in a financially responsible manner to its customers. This includes development of recommended water budget based rates. Additionally, the selected consultant may be required to assist the District in an education/outreach effort related to budget-based potable water rates.

B. Cost of Services

The cost of services analysis will determine the cost characteristics for providing reliable services. An analysis will be completed for each of the three District enterprises – potable water, recycled water, and sanitation. The cost of services analysis will be used to ensure that cost are equitably distributed to ratepayers in compliance with Proposition 218 and to ensure that established rates adequately cover costs to provide reliable service. Calculations used in the cost of services analysis will include administrative overhead, operations, maintenance, and enhancements or new projects to comply with new or revised regulations and to ensure system reliability identified in the Districts Infrastructure Improvement Plan (IIP). Emphasis will be placed on clearly distinguishing between fixed and variable costs.

C. Financial Analysis

The financial analysis will build from the cost of services analysis and analyze the existing financial status of each separate enterprise (potable water, recycled water, and sanitation), including current reserve levels and recent use of reserves, to determine appropriate reserve levels and funding mechanisms to ensure the ability of the District to complete projects required to ensure system reliability.

D. Proposed Rates

During this phase, the selected consultant will develop proposed rates for the potable water, recycled water and sanitation enterprises that are in compliance with Proposition 218 (California Constitution Articles XIII C & D). The selected consultant will also update and make recommendations related to other miscellaneous fees and charges imposed by the District.

For each of the three enterprises, the selected consultant will be expected to provide options and analysis for recovery of cost of services considering that the sales of potable and recycled water can fluctuate significantly from year-to-year. Also, the analysis will include consideration of the need to recover fixed costs as the district implements conservation measures to comply with the Water Conservation Act of 2009 (20 x 2020).

For the potable water system, the proposed rates will be based on a water budget model for all customers. For residential customers, it is anticipated that under this fee structure Tier 1 will reflect an indoor water allotment based on number of people within the household; Tier 2 will reflect an outdoor water allotment; Additional tiers will reflect a structure to encourage conservation.

For the recycled water system, the proposed rates are also expected to be water budget based. The selected consultant will be required to provide rate options that ensure cost recovery as well as ensuring the financial capacity to increase the reliability of the recycled water system. Currently, the recycled water system discharges excess water to Malibu Creek during normal winter conditions and is supplemented by potable water during normal summer conditions.

For the sanitation enterprise, the selected consultant will be expected to provide analysis and options on calculation of rates including but not limited to, how to address calculation of rates during dry winters and thresholds to determine whether a dry winter exists. The sanitation rates must be developed to ensure that they accurately reflect the proportion of water used by customers that is entering the wastewater system.

A final analysis will compare proposed rates for each enterprise with that of neighboring and comparable cities.

The District's current fees and charges can be found in Attachment B and online at <http://www.lvmwd.com/for-customers/rates-and-fees>.

E. Customer Education and Outreach

A final component of this engagement may be assisting District staff with customer education and outreach specifically targeted to customers that are anticipated to transition to a water budget based rate structure. Components of this phase may include, but is not limited to, development and/or review of educational material; development and/or implementation of an online tool where customers will either be able to insert usage or view information from current or prior bills and see the effect of the proposed water budget based rates on their individual property. The tool should be user friendly and cost effective for the District. All proposers are required to propose a solution and cost for this phase. Following review of the proposals and evaluation of District resources, the District may select to execute an Agreement only for the work listed in Scopes A-D.

F. Meeting Attendance

The selected consultant should anticipate attending and presenting at up to three (3) Board meetings, at least once at the conclusion of each Scope of Services section B-D above. Additionally, the selected consultant may be expected to participate in public meetings if Section E is awarded. This is in addition to meetings with staff to review and present work in progress. Proposed budget for attendance at required meetings may either be included in the Not to Exceed amount for each step above or proposed separately.

III. PROPOSAL REQUIREMENTS

A. General Requirements

1. Inquiries

Inquiries concerning the request for proposals **must be received in writing by 5:00 p.m. on Friday, April 18** to dpatterson@lvmwd.com or

Donald Patterson
Director of Finance and Administration
Las Virgenes Municipal Water District
4232 Las Virgenes Road, Calabasas, CA 91302
Fax (818) 251-2179

Answers to questions received will be posted online no later than April, 24 2014 at <http://www.lvmwd.com/i-want-to-/do-business-with-lvmwd/non-public-works-formal-bids>. It is the proposer's responsibility to ensure that they access and review any questions and answers posted. The District is not responsible to notify individual potential bidders of the availability of questions and answers beyond this notice.

CONTACT WITH PERSONNEL OF THE DISTRICT OTHER THAN ABOVE REGARDING THIS REQUEST FOR PROPOSALS MAY BE GROUNDS FOR ELIMINATION FROM THE SELECTION PROCESS.

2. Addendums – The District may post Addendums to the RFP online at the District's website (www.lvmwd.com). It is the potential proposer's responsibility to access any addendums and ensure that stated requirements are met.

B Submission of Proposals

The following material is required to be received by 5 p.m., May 8, 2014 for a proposing firm to be considered:

Five (5) copies of the Proposal to include the following:

1. Title Page

Title page showing the request for proposals' subject; the firm's name; the name, address and telephone number of a contact person; and the date of the proposal.

2. Table of Contents

3. Transmittal Letter

A signed letter of transmittal briefly stating the proposer's understanding of the work to be done, the commitment to perform the work within the time period, a statement why the firm believes itself to be best qualified to perform the engagement and a statement that the proposal is a firm and irrevocable offer for 90 days.

4. Key Personnel

Describe the staffing model your firm will use to fulfill the Scope of Work. Provide resumes of all key personnel who will be assigned to the District. Any changes to the key personnel must be approved by the District prior to award.

5. References

List a minimum of three (3) references for whom comparable services were provided. Provide names and contact information as well as a summary of key results achieved.

6. Qualifications and Experience

Describe your firm's qualifications to complete this Scope of Work. Explain why your firm is the best to deliver this Scope of Work and provide examples of your firm's work.

7. Detailed proposal

The detailed proposal should follow the order in Section II – Scope of Services and should provide sufficient detail to understand how the scope will be accomplished.

8. Costs

Costs proposals must include a "Not to Exceed" amount for each item in Section II – Scope of Services as well as a breakdown of hourly rates by position that will be assigned to the District. Any cost not explicitly proposed will be ineligible for payment.

V. EVALUATION PROCEDURES

A. Review of Proposals

Proposals submitted will be evaluated by key District personnel. The District reserves the right to retain all proposals submitted and use any idea in a proposal regardless of whether that proposal is selected.

B. Evaluation Criteria

Proposals will be evaluated using three sets of criteria. Firms meeting the mandatory criteria will have their proposal evaluated for both technical qualifications and price. The following represent the principal selection criteria which will be considered during the evaluation process.

1. Mandatory Elements

- a) The firm is licensed to practice in California.
- b) The firm has no conflict of interest with regard to any other work performed by the firm for the District.
- c) The firm adheres to the instructions in this Request for Proposals on preparing and submitting the proposal.

2. Technical Qualifications

- a) The firm's past experience and performance on comparable engagements.
- b) The quality of the firm's professional personnel to be assigned to the engagement and the quality of the firm's management support personnel to be available for technical consultation.
- c) Quality of the plan and approach to complete the Scope of Services.
- d) Demonstrated results of projects with similar Scopes of Service.

3. Costs:

Cost of completing the required Scope of Services. The District will select the firm with the highest overall ranking after considering both technical qualifications and price. For this RFP, Technical Qualifications will have a higher weight than Price.

C. Oral Presentation

During the evaluation process, the District may, at its sole discretion, request any one, all, or no firms to make oral presentations. Such presentations will provide firms with an opportunity to answer any questions the District may have on a firm's proposal. Not all firms may be asked to make such oral presentations.

D. Final Selection

The District will recommend a contract to the Board based upon the recommendation of District staff reviewing the proposals.

VI. CONDITIONS GOVERNING THE REQUEST FOR PROPOSALS

A. Right to Reject Proposals

Submission of a proposal indicates acceptance by the firm of the conditions contained in this Request for Proposals unless clearly and specifically noted in the proposal submitted and confirmed in the contract between the District and the firm selected.

The District reserves the right without prejudice to reject any or all proposals.

B. Receiving Time / Late Proposals

It is the responsibility of proposer to see that their proposal is submitted with sufficient time to be received by the District prior to the proposal closing time. Late proposals will be returned unopened to the sender. Postmarks are not accepted, all responses must be received by the District by the deadline.

C. Acceptance of Conditions Governing this RFP

Submission of a proposal constitutes acceptance of the Evaluation Factors contained in this RFP.

D. Incurring Cost

Any cost incurred by the proposer in preparation, transmittal, presentation of any proposal or material submitted in response to this RFP shall be borne solely by the proposer. Any cost incurred by the proposer for set up and demonstration or for interviews shall be borne solely by the proposer.

E. Proposer's Rights to Withdraw Proposal

Proposers will be allowed to withdraw their proposals at any time prior to the deadline for receipt of proposals. Any request must be submitted in writing.

F. Sub-consultants

Use of sub-consultants must be clearly explained in the proposal and identified by name. Prime consultants shall be wholly responsible for the entire performance whether or not sub-consultants are used. Substitution of sub-consultants must be approved in writing by the District.

G. Best and Final Offer

The District reserves the right to request Best and Final Offers from any or all proposers. This will be the only opportunity to amend or modify proposals based on feedback from the District. Information from competing proposals will not be disclosed to other proposers prior to submission of a Best and Final Offer.

H. Disclosure of Proposal Contents

All proposals are subject to the provisions of the California Public Records Act, California Government Code section 6250 et seq., and any information submitted with a response is a public record subject to disclosure, unless a specific exemption applies.

I. Manner of Payment

Progress payments will be made on the basis of hours of work completed during the course of the engagement and out-of-pocket expenses incurred in accordance with the firm's cost proposal. Interim billings shall cover a period of not less than a calendar month.

J. Insurance

Proposer shall maintain such insurance as will protect it from claims under Workers' Compensation laws, and such liability insurance as will protect against claims for damages for bodily injury, including death, and damages to property in accordance with the terms of the Agreement. Coverage of which is to be no less than \$1,000,000/\$2,000,000 per occurrence/aggregate, with the District named as an additional insured.

The proposing firm must be willing and able to obtain an errors and omissions insurance policy for coverage of no less than \$1,000,000 per occurrence for the willful or negligent acts of the firm and its officers, employees and agents. Proposer shall maintain evidence of coverage in an updated form during the term of the Agreement.



March 25, 2014 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Resource Conservation & Public Outreach

Subject: Budget-Based Water Rates: Proposed Action Plan and Timeline

SUMMARY:

On March 13, 2014, staff and Tom Ash of Tom Ash & Associates presented the Board and attendees with greater detail on the rationale, science and process for a proposed plan to transition the District to budget-based water rates. Mr. Ash shared his insights and experiences assisting other agencies, including the Irvine Ranch Water District and Western Municipal Water District, in similar transitions to budget-based water rates.

Based on feedback from the Board, staff revised its proposed Action Plan and Timeline for Budget-Based Water Rates, which were originally presented to the Board on November 26, 2013, to incorporate the comments received. Additionally, staff estimated the cost to transition to budget-based water rates and prepared a preliminary timeline for public outreach efforts associated with the transition. At this time, staff recommends approval of the proposed Action Plan and Timeline for Budget-Based Water Rates.

RECOMMENDATION(S):

Approve the proposed Action Plan and Timeline for Budget-Based Water Rates.

FINANCIAL IMPACT:

The estimated initial or one-time cost to perform the transition to a budget-based water rate structure is \$413,500. Also, depending on the Board-approved approach for implementation, there may be additional costs on a temporary basis to provide monthly meter reading services, currently estimated to be \$138,000 per year, until full deployment of the District's Automated Meter Reading/Information (AMR/AMI) System is completed. Finally, there would be an on-going cost to purchase private-sector evapotranspiration data, estimated to be \$0.14 per day per microzone. Once implemented, the budget-based water rate structure is expected to support an overall reduction in on-going operating costs by allowing the District to target its conservation activities on over-budget water consumers and by providing a cost-of-service based rate structure that reduces the complexity of future rate studies.

DISCUSSION:

Background and Process:

Staff originally presented a proposed plan for the District to transition to a budget-based water rate system at the November 26, 2013 Board meeting. The plan was proposed as one component of a three-pronged approach for the District to comply with the conservation requirements of the Water Conservation Act of 2009, commonly referred to as 20x2020. The other two components of the approach involve enhancing water conservation incentive programs and converting additional potable water demands to the recycled water system.

Due to the complex nature of budget-based water rates, staff was requested to conduct a special Board workshop to discuss the topic in more detail. The first Board workshop was held on January 30, 2014. **ITEM 10B**

due to the need for additional time, a second Board workshop was held on March 13, 2014. Staff received feedback from the Board, which has been incorporated in the attachments described in more detail below.

Board Feedback:

The Board requested that staff add an activity to the proposed action plan and timeline for setting a policy on the indoor and outdoor allowances that will be used for the purpose of establishing water budgets under the new rate structure. Determination of the indoor water allowance will require a study using a representative sample of volunteer customers who will be sub-metered for two weeks and answer a questionnaire to allow calculation of their per capita indoor usage. Additionally, the Board requested that staff provide information on the estimated cost to transition to a budget-based rate structure.

Description/Summary of Attachments:

Attachment A, *Proposed Action Plan for Budget-Based Water Rates*, consists of the goals, strategies and actions for the effort, reflecting input from the Board.

Attachment B, *Proposed Action Plan Timeline*, provides a draft schedule of the activities leading to completion of the transition with a rollout date of May 31, 2016. Shown in the timeline is CIP Job No. 10514 for Automatic Meter Reading (AMR) Implementation, which has been on hold due to the equipment vendor bankruptcy. On April 8, 2014, staff will update the Board on a proposed direction to move forward with the project. The District currently has 13,800 manual read meters that remain in the planned deployment to be phased over four years, out of a total of approximately 21,800 service connections.

Attachment C provides a tabulation of the estimated costs for the implementation effort. In the absence of a full AMR/AMI System deployment to generate meter readings for monthly customer billings, the District can consider contracting meter reading services for the additional meter readings required, while Field Customer Service staff continues with its current bi-monthly reading schedule. The contract services would be phased out as the AMR/AMI System deployment progresses.

Attachment D, *Draft Public Outreach Timeline for Budget-Based Water Rates*, provides details of a comprehensive outreach effort required for the effort.

Prepared By: Carlos Reyes, Director of Resource Conservation and Public Outreach

ATTACHMENTS:

Proposed Action Plan

Proposed Timeline

Estimated Cost

Draft Public Outreach

Proposed Action Plan for Budget-Based Water Rates

Objectives

1. Develop budget-based water rates that:
 - a. Facilitate compliance with the Water Conservation Act of 2009 (SBX 7-7) with a goal to achieve a 20% reduction in urban use per capita by December 31, 2020.
 - b. Promote a sustainable, efficient water use
 - c. Provide customer equity
 - d. Manage drought response fairly across customer classes
 - e. Insure revenue stability as water use decreases
2. Evaluate and implement recycled water and sanitation rates that complement budget-based water rates
3. Use a strong price signal to reduce urban runoff and excess irrigation
4. Create a separate funding source for water efficiency efforts funded only by those who waste
5. Implement new rate structure by May 2016

Strategies

1. Solicit Board support and approval for the transition to budget-based water rates
2. Communicate program rationale, concepts and status to the public in a timely, simple, clear and concise manner using the appropriate communication media and forums
3. Address issues identified by customers and staff during the last water allocation
4. Provide a clear distinction between budget-based water rates and the allocation program implemented during the last drought
5. Create a mechanism for customers to provide feedback and suggestions during program development and implementation
6. Meet and solicit comments from representatives of all customer classes
7. Involve customer service, information systems and conservation staff in the development and testing of the program
8. Use a planned, timely outreach program and the Proposition 218 process to inform and educate customers on program merits

Actions

1. Solicit Board policy decisions (i.e. indoor and outdoor water allowance) and provide regular updates as needed
2. Retain an advisor with experience in budget-based water rates to assist in program planning, development and implementation

3. Contract for a financial rate consultant to analyze current rates, perform a financial analysis, test and validate the proposed rate structure
4. Identify irrigated areas using an aerial imagery consultant
5. Conduct a study to determine average indoor water use
6. Develop a final rate structure that integrates the financial analysis with the irrigated areas
7. Verify the accuracy of each property's irrigated area and solicit specific customer information, like number of people in the household and any special needs, using a District-wide questionnaire
8. Implement monthly meter reading using AMR/AMI and/or contracted meter reading services
9. Re-program and test the customer information and billing system for the new rate structure and monthly billing
10. Train staff to respond to customer questions and concerns during the transition
11. Engage in a comprehensive community outreach effort that includes customer workshops, printed materials, District website, speaker's bureau and Board meetings

Cost for conversion to budget-based rates:

Item	Description	Estimated Cost
1. Rate advisor	Retain Tom Ash & Associates as a rate advisor (estimated 250 hours over 2 years @ \$150/hr).	\$40,000
2. Aerial imagery	Contract with Eagle Aerial to provide 6"-resolution imagery.	\$55,500
3. Customer data development	Hire temporary support staff to assist with verification of irrigated areas.	\$16,000
4. Financial Study	Retain a consultant to conduct a cost of service analysis and design water, recycled water and sanitation rates in a water budget framework.	\$135,000
5. Billing software re-program	Modify the billing software for water budgets and monthly billing.	\$52,500 - \$70,000
6. Indoor Use Study	Retain a consultant to analyze billing data, prepare a questionnaire, conduct a two-week monitoring of indoor use for approximately 100 volunteer customers and prepare a report.	\$97,000
Total		\$396,000 – \$413,500

Cost during program implementation:

Item	Description	Estimated Cost
1. Monthly meter reading	Hire a contractor to provide meter reading services and phase out as the AMR deployment progresses.	\$138,000/year
2. Private sector-provided evapotranspiration (ET)	Hire a service provider to provide daily ET data.	\$9,500 initial setup \$0.14/day/microzone

Draft Public Outreach Timeline for Budget-Based Water Rates

March – August 2014 “Introduce the Concept”

- Build public awareness through speaker’s bureau, Current Flow, Website
- Develop brochure
- Develop FAQ for website
- Schedule presentations for HOAs and service clubs into 2015

September – November 2014 “Group Outreach”

- Handouts at fall schedule of community outreach events
- Speaker’s Bureau presentations
- Presentations to City Councils

December 2014 – February 2015 “Individualized Outreach”

- Schedule Public Workshops throughout service area
- Develop pre-mailer and mailer for Customer Data Development

March - April 2015 “Board Commitment”

- Continue speaker’s bureau outreach to HOAs, service clubs
- Issue news releases on significant board actions related to conversion
- Integrate messaging with water supply situation (continued drought?)

May - July 2015 “Building Momentum”

- Spring booth event outreach
- HOA presentations
- City Council presentations

August - September 2015 “Public Workshops”

- Public workshops in each District division, use appropriate examples for each event
- Conduct Focus Groups (if necessary)
- Commence Prop 218 preparation process

October 2015 – January 2016 “Public Notification”

- Mail Prop 218 notice
- Continue emphasis on response to Customer Data Development
- Schedule and conduct a Saturday “Open House”
- Prepare information on Monthly Billing

April – May 2016 “Rollout”

- Announce Board actions on rate adoption (conclusion of 218 process)
- Advertise / promote new billing system
- Consider scheduling a Saturday “customer assistance event” at HQ prior to rollout

Potable Water Service

Readiness to Serve Charge

Meter Size	<i>Current Rates</i> <i>(effective January 1, 2014)</i>
¾" (standard household service)	\$30.21
¾" x 1"	\$30.21
1"	\$44.49
1 ½"	\$80.17
2"	\$123.48
3"	\$237.04
4"	\$366.03
6"	\$722.14
8"	\$1,151.01
10"	\$1,650.45

Commodity Charges

Potable Water	Tier 1	Tier 2	Tier 3	Tier 4
Charge per unit Effective January 1, 2014	\$2.19	\$2.60	\$3.56	\$5.02

Tier Break Points

Single-Family Residence	Multi-Family Residence
First 16 units	First 12 units
Next 51 units	Next 2 units
Next 133 units	Next 10
Over 200 units	Over 24 units

Commercial / Irrigation

Meter Sizes

3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	10"
First 16	First 27	First 53	First 85	First 171	First 267	First 533	First 853	First 1,227
Next 51	Next 87	Next 168	Next 270	Next 546	Next 852	Next 1,698	Next 2,718	Next 3,912
Next 133	Next 226	Next 439	Next 705	Next 1,423	Next 2,221	Next 4,429	Next 7,089	Next 10,201
Over 200	Over 340	Over 660	Over 1,060	Over 2,140	Over 3,340	Over 6,660	Over 10,660	Over 15,340

Elevation Charges

Current Rates
(effective January 1, 2014)

Zone 1 Elevation Charge per unit	\$0.00
Zone 2 Elevation Charge per unit	\$0.40
Zone 3 Elevation Charge per unit	\$0.70
Zone 4 Elevation Charge per unit	\$1.21
Zone 5 Elevation Charge per unit	\$2.42

Zone 1, includes all domestic water customers receiving water that does not require pumping above a hydraulic gradient of 1235 feet.

Zone 2, includes all domestic water customers receiving water that requires pumping to elevations between 1235 and 1700 feet.

Zone 3, includes all domestic water customers receiving water that requires pumping to elevations between 1700 and 2200 feet.

Zone 4, includes all domestic water customers receiving water that requires pumping to elevations greater than 2200 feet.

Zone 5, includes all domestic water customers who are served water purchased by the District from sources other than the Metropolitan Water District of Southern California.

Recycled Water Service

Commodity Charge (bi-monthly)

Recycled Water - effective January 1, 2013	Tier 1	Tier 2	Tier 3	Tier 4
Las Virgenes Valley Zone Commodity Charge	\$1.07	\$1.40	\$2.23	\$3.46
Western / Calabasas Zone Commodity Charge	\$1.31	\$1.64	\$2.47	\$3.70

Tier Break Points

Recycled								
Meter Sizes								
3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	10"
First 16	First 27	First 53	First 85	First 171	First 267	First 533	First 853	First 1,227
Next 51	Next 87	Next 168	Next 270	Next 546	Next 852	Next 1,698	Next 2,718	Next 3,912
Next 133	Next 226	Next 439	Next 705	Next 1,423	Next 2,221	Next 4,429	Next 7,089	Next 10,201
Over 200	Over 340	Over 660	Over 1,060	Over 2,140	Over 3,340	Over 6,660	Over 10,660	Over 15,340

Sanitation Service

Effective January 1, 2013

Residential	Bi-monthly Sewer Service Charge
Single-Family	Winter Water Use (hcf)
	10 or less \$74.31
	11 \$80.02
	12 \$85.73
	13 \$91.44
	14 \$97.15
	15 \$102.86
	16 \$108.56
Multi-Family per dwelling unit	\$68.59 flat rate
Commercial Accounts	818-251-2200
Call Customer Service for more information	

Temporary Service

Readiness to Serve Charge (monthly)

Meter Size	Current Rates (effective January 1, 2014)
1"	\$33.37
2 1/2 - 3"	\$177.79
4"	\$274.53
6"	\$541.62
8"	\$863.26
10"	\$1,237.84

ITEM 10B

Commodity Charge

Temporary Water	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
Potable					
Charge per unit Effective January 1, 2014	\$7.53	\$8.13	\$8.58	\$9.35	\$11.16
Recycled	LV Valley		Calabasas		
Charge per unit	\$5.19		\$5.55		

Fire Suppression Systems**Detector Check Meters**

These Special services are provided to District Customers for use with their private fire protection systems. The service charge is \$15.00 per billing period and the water through these types of services is allowed for fire fighting or testing of the fire system only.

When meter readings indicate usage occurred during the billing cycle and the District was not notified of testing, a fine of \$75.00 is imposed.

Miscellaneous Fees

Description	Fee
Late Fee	2% will be added to current balance
Returned Checks	\$20.00 within 24 hours, shut-off after 72 hours
Disconnect/Reconnect	\$10.00 Notice delivery, \$50.00 off/on trip fee
Deposit Requirement	Only if service has been disconnected for non-payment. \$50.00 or the greater of twice the normal maximum bill for the property.



April 8, 2014 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject: Backbone Improvement Program 5-Million-Gallon Tank Project: Questions about Blasting and Dam Safety

DISCUSSION:

As construction of the 5-Million-Gallon Tank Project proceeds, questions have been asked related to the blasting activity and dam safety. Many of these questions were addressed by the June 2011 "Evaluation of Blasting Excavation - Proposed 5 MG Tank at Las Virgenes Reservoir.[\[1\]](#)" This report was presented to the Board on June 28, 2011 and at the public workshop conducted on July 30, 2011.

Most recently the Division of Safety of Dams (DSOD) met with residents to hear their concerns and attached are copies of two memorandums and an e-mail from DSOD with their responses. At the March 26, 2014 Westlake Village City Council meeting, the District's blasting expert and engineering geologist made a presentation and responded to questions from the Council related to blasting and dam safety.

Lastly, a public workshop on the topic is planned for April 10, 2014, from 6:30 pm to 8:00 pm at the First Neighborhood Community Center. The purpose of the workshop is to provide residents with information about the blasting activities, dam safety and what can be expected as this work proceeds.

Following are answers to "Frequently Asked Questions" on the topic.

Frequently Asked Questions:

Did the 1986 City of Westlake Village Blasting permit for Three Springs restrict blasting within 1,000 feet of the Las Virgenes Reservoir dams? No, the 1986 blasting permit from the City of Westlake Village for the Three Spring community did not restrict blasting to within 1,000 feet of the dams. Rather, based on recommendations from a series of experts including the Division of Safety of Dams (DSOD), the peak particle velocity (PPV) or intensity of the blasting was restricted to 2 inches per second at the dams, the same PPV that is required for construction of the tank. Limiting the PPV dictates the size of the blast based on distance; for the same distance, the larger the charge, the higher the PPV. The 1986 blasting permit is included as an appendix to the June 2011 Blasting Evaluation Report.

In 1988, the site for the filtration plant was excavated by blasting with the PPV limited to 2 inch per second. In this case, the filtration plant building was located approximately 130 feet from the northern abutment of the Saddle Dam and 100 feet from west abutment of the Main Dam. Blasting took place much closer to the dams to prepare the site for construction of underground utilities. The dams were not damaged from this blasting. For the tank site, excavation the nearest blast to the south Saddle Dam abutment will be 20 feet for a pipeline trench. However, the majority of the blasting for the tank itself is 160 feet away from the abutment.

Did the intensity of the blasting double during design? No, during the design of the tank, DSOD determined that a 2 inch per second PPV would be required; the same limit applied in 1988. The U.S. Bureau of Reclamation allows a PPV of 4 inches per second for similar work, and DSOD has allowed a PPV

of up to 5 inches per second for blasting near dams such as for the San Vicente Dam Expansion in San Diego. Limiting the PPV to 2 inches per second at the tank site may result in vibrations at the nearest homes of 0.28 to 0.3 inches per second for a period of less than two seconds, slightly higher than the 0.2 inches per second indicated in the Mitigated Negative Declaration, but well below 0.5 inches per second called for to prevent cosmetic damage in plaster or drywall in a typical wood frame home.

How long will the blasting go on and what was the original estimate? The 2009 Mitigated Negative Declaration estimated the blasting would take four weeks with blasts occurring twice a day. Based on the final design, DSOD requirements and the contractor's schedule, the blasting may take up to six weeks at the tank site with blasts occurring twice a day.

Has the DSOD approved the blasting plan? Not as of April 1, 2014, and no blasting will take place until the plan has been approved. DSOD did specify various requirements that were to be included in the blasting plan; these same requirements are included in the contract for the project. There are also many other regulations included in the contract such as Alcohol, Tobacco, Firearms and Explosives (ATF) requirements for the safe handling of the blasting materials. The contractor has prepared a detailed blast plan based on these requirements for review and approval by DSOD and District. The plan will also be provided to the City of Westlake Village for review. In addition to the detailed blast plan, individual "shot" plans will be prepared and approved 48 hours prior to the work. The results of the shot, including vibration readings and a video recording, will then be reviewed before the contractor is allowed to proceed with the next shot. Many other DSOD requirements were included in the contract, such as the review and acceptance of the blasting plan and individual shot plans, DSOD access to all work at the site and contract documents, review and approval of construction materials and methods related to dam safety and review and approval of any changes.

Are the dams safe from the blasting? Yes, in 1986 and in 2011, it was concluded in separate reports that blasting near the dams is safe. The 1986 report by Goffman & McCormick concluded that "K at 2 inches per second, the dam is capable of accommodating at least 75 times more vibratory ground motion displacement by virtue of specific design and construction details." The 2011 report by AECOM concluded that "considering the much less severe vibration effects of blasting than major earthquake shaking, a concern of reduced embankment stability associated with blasting is negligible."

How close will the blasting be to the dam? The majority of excavation will take place 160 feet away from the dam abutment. The tank is located on cut and fill with the cut 160 feet south of the Saddle Dam abutment. The depths of the excavation requiring blasting increase from zero to 25.5 feet moving south with the average excavation depth being approximately 7.5 feet. A pipe trench will be excavated to within 20 feet of the north and south abutments. The trench will be approximately 15 feet wide and varies in depth to approximately 10 feet deep.

What can residents expect during blasting? Most residents will not experience anything; however, residents closer to the project site may experience slight vibrations or air waves. Surprisingly, normal household activities like slamming a door can produce higher vibrations than the nearby blasting. However, humans can detect extremely low levels of motion, so some residents may feel vibrations and hear some noise. The blast noise limit is restricted to be no greater than 133 decibels. For comparison purposes, a 20 mile per hour wind can result in noise levels of 130 decibels. Residents may also hear a warning horn five minutes and one minute prior to the blast and an "all clear" signal after the blast. These warnings are intended for the job site and worker safety within the immediate area of the work. Attached for reference is a document with additional information on modern blasting methods.

[1] The report can be found at <http://www.lvmwd.com/home/showdocument?id=1418>

ATTACHMENTS:

[DSOD Memo No. 1 - March 20th](#)

[DSOD Memo No. 2 - March 21st](#)

[Email from David Gutierrez, Chief, DSOD](#)

[Information on Modern Blasting Methods](#)

State of California

California Natural Resources Agency

Memorandum

Date: March 20, 2014

To: Files

From: William F. Vogler, Area 5 Engineer
 Division of Safety of Dams
 Department of Water Resources

W. Vogler 3/25/2014

Subject: Westlake Reservoir Dam, No. 1073
 Los Angeles County
 Westlake Village Residents' Construction Concerns

This memo documents my March 11, 2014 and March 14, 2014 meetings with residents living in close proximity to the Saddle Dam with regards to the ongoing 1235-foot Backbone Improvement Project that is currently underway at the dam site. This work is being done under an alteration application filed on February 21, 2013 and approved on December 5, 2013. The jurisdictional components of the project consist of constructing two pipelines along the upstream slope of the Saddle Dam, which will connect a proposed 5 million gallon circular water storage tank to an existing treatment plant, and a diversion wall to protect the dam from the tank. The storage tank is to be constructed on the left abutment of the Saddle Dam and the treatment plant is located outside of the right abutment (both of these are non-jurisdictional structures with regards to dam safety); the new tank does not fall under Division of Safety of Dam's (DSOD) jurisdiction as it is circular (Division 3, Section 6004 (a) of the Water Code).

Mr. [REDACTED] contacted the Division on March 10, 2014 in regards to the ongoing construction project at Westlake Reservoir Dam, and I arranged to meet with Mr. [REDACTED] at approximately 5:00 pm on March 11, 2014 at his residence located at [REDACTED], Westlake Village, CA 91361. I attended another informal meeting at approximately 12:30 pm on March 14, 2014, again at Mr. [REDACTED] residence. At the second meeting, the Las Virgenes Municipal Water District was represented by Resident Engineer John Coffman of AECOM, and local residents [REDACTED] and [REDACTED] were in attendance.

The chief concerns of the residents discussed during these two meetings were as follows:

1. Mr. [REDACTED] had questions regarding locating the 5 MG tank on the left abutment, next to the dam. Because of the added weight of the tank, he was concerned that there may be interactions between the heavy tank and the dam during a seismic event. He asked if this interaction was considered during DSOD's review and if we confirmed the analysis by the Owner's structural engineer. He requested a copy of the structural calculations. I informed Mr. [REDACTED], that while the tank was

Memorandum To Files
Westlake Reservoir Dam, No. 1073
March 20, 2014
Page 2 of 3

- not under our jurisdiction for dam safety, it was founded on competent bedrock that required blasting. Therefore, the Division does not consider the interaction between the tank and the dam as an item of concern.
2. Mr. [REDACTED] had concerns that an uncontrolled release resulting from the severing of the pipe onto the upstream slope of the dam could cause a dam failure. I informed Mr. Bonvino that the design of the pipes located on the Saddle Dam was robust and was independently reviewed by our engineers. Redundant measures in the design to protect the dam include emergency shutoff valves located at both the left and right abutments to isolate the pipes, reinforced concrete pipe supports that were determined to be structurally adequate to withstand the design seismic event, and doubly cased pipes for their entire length across the dam. Also there is a reinforced concrete wall to divert water flows away from the dam in an event of a pipe breakage outside the dam footprint or a tank failure. Although a catastrophic pipe failure is very unlikely with the redundant measures in the design, I told Mr. [REDACTED] that the Saddle Dam's upstream slope is also lined with riprap that would protect the slope from erosive forces.
 3. Mr. [REDACTED] expressed concern of potential damage to the dam with the close proximity of the blasting. I told him our Division will be reviewing and approving the blast plan. I stated that the Saddle Dam at Westlake Reservoir is a zoned earthfill embankment dam that is conservatively designed and can safely withstand the small ground vibrations that the approved specifications allow. I also mentioned the maximum allowed Peak Particle Velocity (PPV) of 2 in/sec allowed is judged to be very conservative based on experience with blasting at other dam projects. I briefly explained that in addition to estimated PPV, there are numerous other parameters that DSOD will consider in reviewing the blasting plan to ensure compliance with the specifications.
 4. The residents' opinion was expressed that a geotechnical investigation should be performed to better understand the interaction of the dam with regards to the blasting and more seismographs were needed, particularly within the embankment of the Saddle Dam. I responded that the zoned construction of the dam is well documented and understood and there were no indications, or conditions, that warranted any additional geotechnical investigation. I also stated that based on our experience, the instruments are placed at locations where the highest velocities will occur, and there was no need to place additional instrumentation within the dam embankment.
 5. Questions were raised by the residents concerning the discrepancy between a blasting project that occurred in 1988 for the KLK Company's Development of Tract 42801 and the blasting plan for the 5 MG Tank Project. They believed that blasting was not allowed within 1000-ft of the dam during the 1988 project and

Memorandum To Files
Westlake Reservoir Dam, No. 1073
March 20, 2014
Page 3 of 3

asked why the Division is now allowing blasting in near proximity of the abutment of the Saddle Dam. Mr. [REDACTED] provided me a collection of correspondence and specifications related to the 1988 blasting project. I found three references to the 1000-ft criteria in the documents, and I interpret each reference to mean that blasting will be more than 1000-ft away, rather than a requirement or specification. Also, upon reviewing our files, I could not find reference to the restriction of blasting within 1000-ft of the dam. I found an owner's July 25, 1986 letter approving PPV up to 2 in./sec. at the dam, and a hand written note with our concurrence. There is also a December 22, 1987 memo to files, by a Division Engineer Donald L Jackson, stating no objections to blasting near the dam for a new treatment plant as long as maximum PPVs do not exceed 2 in./sec.

6. Mr. [REDACTED] discussed the saturated soil conditions against his retaining wall that is a result of the flow from the Saddle Dam's seepage weir not being properly channeled into the storm drain. The retaining wall is short, approximately 2-ft in height, and is located approximately 200-ft downstream of the toe of the Saddle Dam. This is not a dam safety concern, and according to LVMWD Sr. Water Operator Steve Jackson, the District is aware of this condition.
7. Mr. [REDACTED] expressed concern that the concrete drainage tunnel, located at Three Springs Park and that passes under Three Springs Drive, has not been recently inspected and asked if this structure was in our jurisdiction. I told him it is not and he would need to contact the City of Westlake Village regarding this issue.
8. Mr. [REDACTED] asked if I knew of any civil engineers that he can employ to review the project. On March 21, 2014, I emailed him a list of consulting engineers the Division has worked with dam expertise.

During the second meeting, Mr. Coffman, the owner's representative, encouraged the residents to work with him as concerns arise.

The email correspondence from Mr. [REDACTED] is attached for reference. I did not respond to this email because I addressed the concerns during the onsite meetings. Also attached for reference are the two pieces of correspondence in the Division files related to the blasting in the 1980s.

Vogler, William@DWR

From: [REDACTED]
Sent: Tuesday, March 11, 2014 10:03 AM
To: Vogler, William@DWR
Subject: thank you Bill

Hello Bill,

Thank you again for stopping by my home late yesterday afternoon to discuss the LVMWD dam and storage tank. I really appreciate your offer to help me understand what is currently planned for the project, and whether it is safe for me, my family and the neighborhood. Just being able to see the plans I think will go a long way into understanding what's happening.

I am hoping you can either send me information, or if not, if you could direct me to where I can find more information on the four main things that we spoke about.

First, the weight of the tank/5M gal water is concerning. The big question: is it safe to place a 50+ M lb tank on a location adjacent to an earthen dam? Do you know if your engineering dept. confirmed the structural analysis of the dam from a third party (Fugro Engineering)? If so, how do I get a copy?

Second, who completed a safety analysis of the inlet/outlet pipes (~30" dia.) that will feed the 5M gal tank and then feed the backbone system. (i.e. if a massive earthquake or act of sabotage/terrorism or catastrophic failure occurred?) What is the plan if all fails at once? (I'm hoping for a better answer than me building Noah's Arc)

Third, the blasting plan. I've tried to find information on this, but as we talked about last night -- the blasting plan hasn't yet been approved. Do you know who performed the analysis of the blasting plan? Specifically, I think we're both concerned about the integrity of the adjacent dam. As I

mentioned last night, I'm concerned that without soil samples taken to significant depth, how can anyone make assumptions on the distribution of energy/force(ma) over distance and time = KE . I was taught never to make assumptions on calc's.....the density of the rock is the controlling factor to measure ppv.....the high freq/short L of the waves are not in phase using blasting; with an earthquake the low freq waves are in phase.....but more displacement occurs....both are bad news for the dam.....and me, my family and the entire neighborhood.

Fourth, we talked about the concrete drainage tunnel at the end of the spillway, that runs under Three Springs Drive. Is the inspection of that structure under your dept? I ask because I've been unable to get an answer from the City of Westlake Village about who is responsible for its maintenance and inspection. From what I can tell, I believe no one has looked at it since ~ 1988.

One last question. I think it might be appropriate for me to hire an expert - and it be a lot quicker for me to come up to speed if it's someone well qualified that you may know. I do realize that a fee may be involved. Do you have a friend or associate that's a soils or civil engineer that I could talk to about confirming the calculations, and reviewing the issues with?

Any help you can provide to allow us to sleep soundly here at the base of the LVMWD saddle dam, would be appreciated. Let me know when you are in the area again, so, at a minimum, I can pick up your favorite brew!

Safe travels!

[REDACTED]
[REDACTED]
Westlake Village, CA 91361
[REDACTED]

107

State of California

Memorandum

Date : December 22, 1987

To : Files

From : Donald L. Jackson
Department of Water Resources

Subject: Westlake Dam; No. 1073
Los Angeles County
Telephone Call

Mr. Jack Walker, of Los Virgenes Municipal Water District, called this morning to report that work on the new filtration plant near the left abutment of the main dam would begin in mid-January. Shallow blasting will be required.

The District will employ the same contractor, who is performing work on the tract downstream from the dam, under permit from the County of Los Angeles. Blasting will be done under the existing permit with the same two inches per second particle velocity limitation now permitted in the tract construction.

DLJackson:dm
12/22/87

SURNAME

Jackson 12/23

DIRECTORS:

- A. MACNEIL STELLE
DIVISION 1
- TAD (TED) MATTOCK
DIVISION 2
- HAROLD V. (HAL) HELSLEY
DIVISION 3
- GEO. R. LONG
DIVISION 4
- ANN DORGELO
DIVISION 6



4232 LAS VIRGENES ROAD,
CALABASAS, CALIFORNIA 91302-1994
PHONE (818) 880-4110

OFFICERS:

- A. MACNEIL STELLE
PRESIDENT
- ANN DORGELO
VICE-PRESIDENT
- GEO. R. LONG
SECRETARY
- HAROLD V. (HAL) HELSLEY
TREASURER
- WAYNE K. LEMIEUX
ATTORNEY
- RICHARD B. BAIRD
GENERAL MANAGER

H. W. Stokes
#1073
RA
SA

July 25, 1986

Mr. R. Dennis Delzeit, City Engineer
City of Westlake Village
31844 West Village Center Road
Westlake Village, California 91361

257
Los Angeles County

Subject: Proposed Use of Blasting Near Westlake Dam For
KLK Company's Development of Tract 42801

Dear Mr. Delzeit:

We have no objections to the use of blasting for development of the property near the toe of Westlake Dam as long as the earth vibrations are limited to the following maximum particle velocities:

2.0 inches per second in the foundation adjacent to any part of the dam embankment;

0.5 inches per second in the foundation adjacent to the pump station at the toe of the dam.

If permission is granted for this program we would like to receive information on any conditions required.

Discussed and concurred in with Jack Walker of LVMWD on 7/24/86
SSM

Very truly yours,

LAS VIRGENES
MUNICIPAL WATER DISTRICT

for *H. W. Stokes*
H. W. Stokes
Chief Engineer

HWS:slc

cc: Bill Krim, KLK Development Company
John McCormick, Goffman & McCormick, Inc.
R. Stephenson, Division of Safety of Dams ✓
Boyle Engineering Corporation, Inc.

Memorandum**FILE**

Date: March 21, 2014

To: Files

From: Andrew J. Mangney, Central Regional Engineer
 Division of Safety of Dams
 Department of Water Resources

AJM
3/26/14

Subject: Westlake Reservoir Dam, No. 1073
 Los Angeles County
 Teleconference with John Knipe, City Engineer for the City of Westlake Village
 Alteration Application Filed February 21, 2013 and Approved December 5, 2013

On March 21, 2014, Field Engineering Branch Chief Michael Waggoner, Area 5 Engineer Bill Vogler, and I had a telephone discussion with Mr. John Knipe, the City Engineer for the City of Westlake Village. We discussed the concerns raised by residents living near Westlake Reservoir Dam involving the 1235-foot Backbone Improvement Project underway near and at the dam's saddle embankment. These concerns include misconceptions and concerns with the blasting, as well as cost; construction noise, dust, and traffic; the aesthetics of having a tank visible in their backyard; etc. A description of the project and its jurisdictional components are not repeated since this information is covered in past reports and memorandums in our files. Prior to the discussion, Mr. Knipe emailed 12 questions he hoped a Division representative could address at an upcoming City Council Meeting on March 26.

Mr. Waggoner explained the Division's role for this project which he said focused solely on dam safety and our statutory authority. He pointed out that the saddle dam is a modern robust zoned earthfill embankment with a chimney and blanket drain of moderate height (50-feet), which is instrumented and has performed well since construction. He emphasized that the Division currently has no dam safety concerns or issues with the approved project, including with the upcoming blasting. As such, Mr. Waggoner noted that the Division did not plan on attending the upcoming council meeting.

In order to assist Mr. Knipe in preparing for the meeting, Mr. Waggoner offered to provide a memorandum by Mr. Vogler, which summarizes two recent informal meetings near the dam with concerned citizens on March 11 and 14, and to answer Mr. Knipe's questions over the telephone. Mr. Knipe said he preferred we attend the meeting, but he understood if we could not, and he appreciated our willingness to provide this information. He also stated that he was not aware of Mr. Vogler's recent meetings with the residents.

Mr. Waggoner noted that although the Division regularly reviews blasting plans and specifies very conservative criteria for them, specific blasting questions will be better directed to Mr. Gordon Revey, the owner's blasting consultant and engineer. He

Memorandum To Files
Westlake Reservoir Dam, No. 1073
March 21, 2014
Page 2 of 3

mentioned that although the Division's engineers have knowledge of blasting and experience on how dams perform when blasting occurs, they are more versed on dam safety matters. He suggested that Mr. Gordon Revey, the owner's blasting consultant and engineer, attend the upcoming council meeting since he has many years of blasting-related experience and can probably better answer many of the questions. Mr. Knipe stated Mr. Revey will be in attendance.

Mr. Waggoner gave Mr. Knipe an overview of the Division's three branches; Design Engineering (DEB), Field Engineering (FEB), and Geology, and how our Division works throughout the application review and approval process, and then during construction. He explained that project management shifts from the DEB to FEB once an application is approved, but there is interaction between branches and multiple reviews by engineers and geologist in the branches throughout all phases of the process. Mr. Waggoner stated that this project is being handled no differently than any other project.

Mr. Knipe asked if the Division's Chief has any concerns with the blasting plan. Mr. Waggoner explained the Division has just received the blasting plan from the owner's resident engineer, and we are following our normal review process and protocols. It is currently being reviewed by our FEB and DEB engineers. Once their review is complete, and all comments have been satisfactorily addressed by the owner, the Division Chief will be briefed, and a letter will be sent formally approving the plan.

The following is a list of questions Mr. Knipe emailed that we collectively answered at the end of the discussion; our responses are italicized.

1. Size of Blasting Charge to be used on this project; *Mr. Revey can answer this question at the council meeting, and the Division will be reviewing this information when we review the blast plan.*
2. Type of Blasting Material; *Same answer as Question No. 1.*
3. Depth of charge; *Same answer as Question No. 1.*
4. Has the type of blasting material changed since the last blasting in 1987 and 1988 at this dam; *Mr. Revey might be able answer this question at the council meeting; the Division has no information on the blasting done in 1987 and 1988 other than peak particle velocities (PPV) were required to be less than 2 inches per second at the dam.*
5. Is there a cumulative effect on the dam from either the blasting done in the 1980's and/or the blasting to be done now- which is to be done twice per day for 6 weeks; *To our knowledge, there are no cumulative effects to dams due to repetitive controlled blasting whenever the very conservative/strict peak particle velocity criteria is applied. We mentioned the Division has been involved in other projects where they have blasted for months at dams, and there were no known cumulative effects. We stated the purpose of the visual inspections and closely monitoring instrumentation prior to and after each blast is to ensure the safety of the dam is not*

Memorandum To Files
 Westlake Reservoir Dam, No. 1073
 March 21, 2014
 Page 3 of 3

- being impacted by the work. We also noted that there were no reported impacts to the dam during or following the 1988 blasting operations.*
6. Explain the DSOD review and approval process; *This question was answered in our discussion prior to the questions.*
 7. What is the final permit issued to the Contractor- a letter with conditions?; *A letter signed by the Division Chief will be sent to the dam owner approving the blasting plan. Conditions will be in the letter if necessary, but generally all conditions are addressed in the final blasting plan that is approved.*
 8. Are there concerns about this proposed blasting that the blasting plan is in the Chief's Office?; *This question was answered in our discussion before the questions.*
 9. Are the permit requirements set at the beginning of work only or do they change as the blasting progresses based on results of field conditions and measurements; *Only general blasting requirements are in the approved specifications, such as PPV must be less than 2 inches per second, because the owner and Division cannot dictate how the contractor does their work. The owner's resident engineer and blasting consultant, and the Division will review and approve the blasting plan and test blast (60% production blast charge) shot plans to ensure they both meet the specifications and there are no issues related to dam safety. Data from the seismographs will be reviewed after each test blast and production blast to ensure PPVs remain less than 2 inches per second. If this PPV is exceeded, the Division will stop blasting immediately until the issue is satisfactorily addressed and any necessary adjustments are made to ensure PPVs are lowered to acceptable limits.*
 10. When reviewing a blasting permit, does DSOD perform their own analysis or do they just accept what information the applicant provides in their application; *The Division performs independent reviews and calculations, and we do not rely on the consultants' work. This review is done by multiple engineers within the branches of the Division.*
 11. Does DSOD have any data on how many charges, location and size that were used in the previous blasting around this dam? *See answer to Question No. 5 above.*
 12. Does DSOD ever run into or have a contact person that could provide the City information on Valley Fever? *The Division has no information on Valley Fever. Usually, the owner employs a health and safety expert that has knowledge of any work hazards associated with a project, and the Division is informed.*

Throughout the conversation Mr. Knipe was very appreciative for us calling him to answer his questions and thanked us for our time. In the middle of the phone call, Mr. Ray Taylor, the City Manager, joined the call briefly and repeated these feelings. Mr. Taylor explained that it was their responsibility to their constituents to invite us to the council meeting, and if we could not attend, he understood.

We committed to emailing Mr. Vogler's memorandum to Mr. Knipe by early next week so he has it for the council meeting. This memorandum will also be emailed to Mr. Knipe.

Lippman, David

From: Gutierrez, Dave@DWR <Dave.Gutierrez@water.ca.gov>
Sent: Friday, March 28, 2014 2:04 PM
To: Gutierrez, Dave@DWR
Cc: Lippman, David; Pedersen, David; John Coffman, AECOM resident Egr; John Knipe, City Engineer; Raymond Taylor, City Mgr
Subject: Westlake Reservoir

All,

I recently received many inquiries from the surrounding community regarding a proposed project at Westlake Dam. The owner of Westlake Dam, Las Virgenes Municipal Water District (LVMWD), has proposed to construct a water tank on the left abutment of the existing saddle dam and two pipelines along both abutments and the upstream face of the dam.

The concerns transmitted to me revolve around blasting, which the owner proposes in order to construct the tank and the pipelines in the abutments, and the effects this could have on the safety of the dam. Although there appears to be many misconceptions regarding the proposed blasting effects to the safety of the dam, I certainly understand and appreciate your concerns.

The Division of Safety of Dams has the responsibility to oversee the supervision of all non-federal dams in the State of California. The dam is not owned or operated by the Division; instead, we are responsible for regulating the safety of the dam as an independent authority. As such, we are responsible for reviewing and approving any modifications to Westlake Dam under an alteration application. The project was initiated by LVMWD and our Division has authority only related to the safety of the dam. Therefore, I will restrict my response to the dam safety issues.

Blasting around dams for the purpose of excavations is not uncommon. Therefore, our Division does have extensive knowledge on blasting in and around dams. Each project, each dam, and each blasting program is unique and therefore requires a specific review by our office. We review the blasting plans submitted by the contractor in advance of the actual blasts taking place. We conduct an independent review and perform independent calculations to ensure any blasts will not affect the safety of the dam. We also require test blasts with lighter charges at first to ensure the calculations are accurate and fully supported. The test blasts will be supported by required instrumentation in and around the dam to ensure the calculated theoretical loads are not being surpassed. In addition, throughout the period of blasting, the dam will be thoroughly inspected and existing instrumentation at the dam will be monitored prior to and after each blast. Westlake Dam is a well compacted zoned embankment on firm unyielding foundation and therefore is not susceptible to degradation by indirect blasting similar to what is being proposed. Even though the embankment would not be expected to be damaged by an indirect blast, we will still require extremely light loads to be sure there is no affect to the dam.

As a result of your inquiry, I have asked my staff to give me a detailed briefing on the proposed blasting plan once they have completed their review. You can be assured we will perform due diligence to ensure there is absolutely no harm to the embankment and its abutments.

We will continue to closely monitor the project to ensure the safety of the dam is not impaired in any way. If you have any questions outside of dam safety, I encourage you to work directly with the owner. If you want to understand any further details about the mission of our Division, please visit our website at <http://www.water.ca.gov/damsafety>.

ITEM 11A

Thank you for your comments and concerns,

Sincerely

David Gutierrez, Chief

Division of Safety of Dams

INFORMATION ABOUT MODERN BLASTING METHODS AND CONTROLS

WHAT YOU SHOULD KNOW ABOUT MODERN BLASTING WORK

When blasting operations are planned in a new area it is natural for residents and property owners to have concerns and questions about the safety and potential impacts of this work. Due to special-effects scenes in movies showing wild and violent explosions, people usually have many false perceptions about commercial rock blasting operations. Unlike the wild blasts shown in movies, commercial blasts are very controlled and carefully regulated.

Modern blasters are well-trained and use state-of-the-art equipment and techniques to ensure precise and safe blasting with minimum disruption to surrounding property. Blasting practices and blast-effects, like vibration and noise, are also controlled by stringent Federal and State Regulations, and further restricted by project-specific regulations. Regulated levels of blast vibration and noise are typically more than three times lower than levels known to cause cosmetic damage in the form of hairline cracks in plaster and drywall. More importantly, vibration occurring below regulated levels will not cause any structural damage.

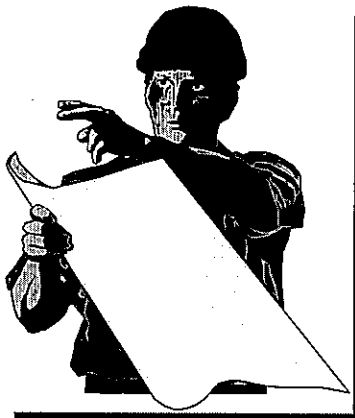
From a practical standpoint, there are a number of things you can do to get your questions answered and ease your fears concerning nearby blasting operations.

First, learn all you can about blasting by reading publications like this one and talking directly to people involved in the blasting work.

Second, learn the time periods of the day in which blasting might occur. Often, the unpleasantness of being startled by unexpected vibration or noise can make the effects of the blast seem worse than they actually are.

Third, vibration or air waves from a blast may slightly rattle dishes and disturb pictures, in much the same way as a sonic boom or thunderclap would. To prevent problems, fragile china, collectibles or knickknacks should be positioned well away from the edge of your shelves. Also ensure that pictures are hung securely and fragile dishes are stored flat.

By being cautious, alert and well-informed, you can help minimize your fears and concerns about the effects of blasting.



BLAST WARNING HORN SIGNALS

FIVE MINUTE WARNING:

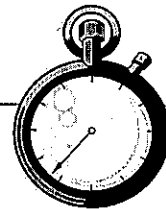
A series of long horn blasts.

ONE MINUTE WARNING:

Short horn blasts, separated by short pauses.

ALL CLEAR SIGNAL:

A prolonged horn blast following inspection of the blast



Monitoring to Protect Nearby Property

Seismographs are used to measure actual blasting effects near adjacent property. These sophisticated instruments measure ground vibration and blast-noise or airwaves.

Ground vibration is measured in inches per second, while noise is measured in decibels or pounds-per-square-inch (psi). After each blast, seismograph readings are examined to ensure blast-induced vibration and noise are within regulatory limits.

Blasters modify blast designs as needed to ensure that the levels of vibration and noise stay within proper limits. Seismographs capture very specific graphic signatures of blast vibration and air-noise that are printed out and kept in files.

Questions and Answers About Blasting

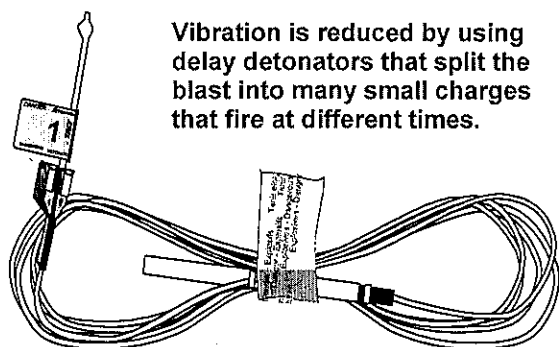
Q. Why is blasting necessary?

A. When excavating hard rock for mining or construction work, blasting is the only practical way to break the rock so it can be excavated. Blasting makes it possible for all of us to build and improve roads, transportation systems, utilities, and mined products that are crucial to our Country's water, sewer, communications, energy and material-production needs. Blasting allows for residential development to provide housing and supports commercial development that provides jobs. Blasting also results in more affordable consumer prices for energy produced from mined-coal and virtually all consumer products ranging from cosmetics to computers, which are invariably made materials refined from rocks and minerals.

Page 2 WHAT YOU SHOULD KNOW ABOUT BLASTING

Q. What prevents a Blaster from using too much explosives?

A. Blasters and supporting professionals strive to design blasts that produce vibration at levels well below the government's mandated or project-specified limits. We also attempt to notify nearby occupants about blasting times and schedule blasting so it does not startle people during quiet times of the day or evening. To ensure our continuing success in the blasting business we must be committed to safety, regulatory compliance and strong community relations.



Q. How much vibration will I feel if my house or business is near the blast site?

A. Surprisingly, normal household or office activity like heavy footsteps or a slamming door will generally produce higher vibration readings on a seismograph than a nearby blasting operation will. You should be aware, however; that the human body does detect extremely low levels of motion. You may feel vibration from blasts and hear some noise. Sometimes, minor vibration is caused by airwaves, which may rattle doors and windows. These forms of vibration and noise are normally as harmless as comparable vibration generated by routine activity occurring in your home or office. It is also important to understand that thunderclaps, wind-gusts, and normal environmental conditions like temperature and humidity changes create stresses in building materials that are typically much greater than those caused by blast-effects.

Q. Who's to say that the seismograph used to measure the vibration levels is accurate?

A. The accuracy of seismographic instruments is extremely important. Having accurate and complete records protects everyone's interests. Reliable data provides proof that blasting is being done legally and responsibly. Seismographs are thoroughly tested by the supplier before they are approved for use in the field and each year they are returned to the manufacturer for re-calibration and certification. In addition, each time seismographs are used they perform an automatic self-test that verifies the instrument is working properly.

Q. Does a blaster really have control over how much vibration and noise is generated by the explosives?

A. Certain factors are outside the blaster's control, including the weather, the slope of the land, and certain geological conditions. These can affect noise and vibration levels so blasters and engineers are trained to anticipate their effects and adjust the blasting controls accordingly. The primary factors affecting vibration and noise are within the blaster's control. These factors include the size of the explosive charges, their confinement in the rock, and the timing sequence used to delay them.

NOISE LEVEL COMPARISONS

Decibels	Noise Source
30	Soft Whisper
40	Refrigerator
50	Light traffic
60	Air Conditioning
70	Vacuum Cleaner
80	Average City Traffic
90	Lawn Mower
100	Garbage Truck
130	20 Mile per Hour Wind
133	Blast Noise Limit
140	Jet Plane or Thunderclap
180	Rocket Launch

If you have any more questions concerning blasting at _____ please contact _____ Phone: _____ E-mail: _____

4. **Opportunity for members of the public to address the Board on matters within the Board's jurisdiction. (As required by Gov. Code § 54954.3(a))**

5. **OTHER MATTERS**

- A. Approval of the Minutes of the Meeting for March 11, 2014. (A copy has been mailed to each Director) Any additions, corrections, or omissions
- B. Report on Directors' events attended at Metropolitan expense for month of March
- C. Presentation of five-year service pin to Vice Chair Gloria Gray, representing West Basin Municipal Water District
- D. Approve committee assignments
- E. Chairman's Monthly Activity Report

6. **DEPARTMENT HEADS' REPORTS**

- A. General Manager's summary of Metropolitan's activities for the month of March
- B. General Counsel's summary of Legal Department activities for the month of March
- C. General Auditor's summary of activities for the month of March
- D. Ethics Officer's summary of activities for the month of March

7. **CONSENT CALENDAR ITEMS — ACTION**

- 7-1 Appropriate \$1.8 million; and authorize final design of a drought response project to enhance water supply reliability for the Henry J. Mills Water

Treatment Plant (Approps. 15480 and 15488). (E&O)

[7-1 Board Letter and Attachments](#)

- 7-2 Authorize a long-term ground lease to Rio Rancho Towne Center II, LLC for parking and access in the city of Pomona. (RP&AM)

[7-2 Board Letter and Attachments](#)

8. OTHER BOARD ITEMS — ACTION

- 8-1 Approve proposed biennial budget for fiscal years 2014/15 and 2015/16, proposed ten-year forecast, proposed revenue requirements for fiscal years 2014/2015 and 2015/2016, and recommended water rates and charges to be effective on January 1, 2015 and January 1, 2016; adopt resolutions fixing and adopting water rates and charges for 2015 and 2016; and transmit the General Manager's Business Plan Strategic Priorities for FY 2014/15 and FY 2015/16. (F&I)

[8-1 Board Letter and Attachments](#)

- 8-2 Authorize agreements with Kennedy-Jenks Consultants, Richard Brady & Associates, Inc., Lee & Ro, Inc., and MARRS Services to provide engineering support for board-authorized Capital Investment Plan projects. (E&O)

[8-2 Board Letter](#)

- 8-3 Report on In Re Tronox Incorporated, et al., Chapter 11, United States Bankruptcy Court, Southern District of New York, Case No. 09-10156 (ALG); and authorize increase in maximum amount payable under contract with GeoPentech, Inc. for consulting services by \$100,000 to a maximum of \$200,000. (L&C) [Conference with legal counsel-existing litigation; to be heard in closed session pursuant to Gov. Code Section 54956.9(d)(1)]
- 8-4 Adopt Water Use Efficiency Policy Principles. (C&L) (To be mailed separately)
- 8-5 Express support, if amended, for AB 2282 (Gatto, D-Los Angeles) - Building Standards: Recycled Water Infrastructure. (C&L) (To be mailed separately)

- 8-6 Express support, if amended, for SB 1036 (Pavley, D-Agoura Hills) - Urban Water Management Plans. (C&L) (To be mailed separately)
- 8-7 Express support, if amended, for SB 1420 (Wolk, D-Davis) - Urban Water Management Plans. (C&L) (To be mailed separately)
- 8-8 Express support for AB 2067 (Weber, D-San Diego) - Urban Water Management Plans. (C&L) (To be mailed separately)
- 8-9 Adopt positions on storage legislation. (C&L) (To be mailed separately)

9. BOARD INFORMATION ITEMS

- 9-1 State Water Project Contract Extension Tentative Agreement in Principle. (WP&S)

[9-1 Board Letter](#)

10. FUTURE AGENDA ITEMS

11. ADJOURNMENT

NOTE: At the discretion of the Board, all items appearing on this agenda and all committee agendas, whether or not expressly listed for action, may be deliberated and may be subject to action by the Board.

Each agenda item with a committee designation will be considered and a recommendation may be made by one or more committees prior to consideration and final action by the full Board of Directors. The committee designation appears in parentheses at the end of the description of the agenda item e.g. (E&O, F&I). Committee agendas may be obtained from the Board Executive Secretary.

Writings relating to open session agenda items distributed to Directors less than 72 hours prior to a regular meeting are available for public inspection at Metropolitan's Headquarters Building and on Metropolitan's Web site <http://www.mwdh2o.com>.

Requests for a disability related modification or accommodation, including auxiliary aids

or services, in order to attend or participate in a meeting should be made to the Board Executive Secretary in advance of the meeting to ensure availability of the requested service or accommodation.