



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 12, 2016

PLEDGE OF ALLEGIANCE

- 1 **CALL TO ORDER AND ROLL CALL**
- 2 **APPROVAL OF AGENDA**
- 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 12, 2016 (Pg. 6)**

Approve

B **Minutes: Regular Meeting of March 22, 2016 (Pg. 42)**

Approve

C **Directors' Per Diem: March 2016 (Pg. 50)**

Ratify

D **Pressure Regulator Request for Bids and Meter Parts and Fittings Contract Increase (Pg. 56)**

Approve a Request for Bids for pressure regulators and authorize the General Manager to increase annual contract amount, and subsequent renewal option, with Famcon Pipe and Supply, Inc. for the purchase of Ford meter parts and fittings to \$75,000.

E **18-Inch Recycled Water Pipeline Joint Bonding Repair Project: Call for Bids (Pg. 59)**

Authorize a Call for Bids for the 18-Inch Recycled Water Pipeline Joint Bonding Repair Project.

F **Annual Report: Records Review and Destruction (Pg. 64)**

Authorize the destruction of records except for those noted.

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

A **Owl House Presentation by Camp David Gonzales Students (Pg. 96)**

B **Legislative and Regulatory Updates**

C **Water Supply Conditions and Drought Response (Pg. 98)**

6 **TREASURER**

7 **BOARD OF DIRECTORS**

A **Water Budget "Rollover" Proposal: Review and Discuss (Pg. 107)**

Review and discuss the water budget "rollover" proposal by Mr. Joel Friedman.

B **Support for ACA 8 (Bloom): Local Government Financing (Pg. 116)**

Express support for ACA 8 (Bloom): Local Government Financing: water facilities and infrastructure: voter approval.

C **Long-Term Water Conservation and Management Policy: Resolution (Pg. 128)**

Pass, approve, and adopt Resolution No. 2491, regarding long-term water conservation and management policy in California.

RESOLUTION NO. 2491

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT REGARDING LONG-TERM WATER CONSERVATION AND MANAGEMENT POLICY IN CALIFORNIA

(Reference is hereby made to Resolution Nos. 2491 on file in the District's Resolution Book and by this reference the same is incorporated herein.)

8 FINANCE AND ADMINISTRATION

A Clean Water State Revolving Fund Application for AMR/AMI Project: Resolutions (Pg. 135)

Pass, approve and adopt the proposed resolutions required for a Clean Water State Revolving Fund application.

RESOLUTION NO. 2486

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AUTHORIZING APPLICATION FOR FUNDING FROM THE CLEAN WATER STATE REVOLVING LOAN FUND

RESOLUTION NO. 2487

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT PLEDGED REVENUES AND FUND(s) RESOLUTION

RESOLUTION NO. 2488

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT PLEDGING MATCH FINANCING

RESOLUTION NO. 2489

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AUTHORIZING REIMBURSEMENT TO THE CLEAN WATER STATE REVOLVING LOAN FUND

(Reference is hereby made to Resolution Nos. 2486, 2487, 2488 and 2489 on file in the District's Resolution Book and by this reference the same is incorporated herein.)

B Cellular Device Reimbursement Policy (Pg. 145)

Approve the proposed Cellular Device Reimbursement Policy.

9 LEGAL SERVICES

A Update to Purchasing Policy: Resolution (Pg. 152)

Pass, approve, and adopt Resolution No. 2490, modifying Las Virgenes Municipal Water District Code.

RESOLUTION NO. 2490

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT ADOPTING LAS VIRGENES MUNICIPAL WATER DISTRICT CODE TITLE 2, CHAPTER 6, ARTICLE 4 – PURCHASING AND REPEALING CONFLICTING SECTIONS OF RESOLUTION NO. 2468

(Reference is hereby made to Resolution Nos. 2490 on file in the District's Resolution Book and by this reference the same is incorporated herein.)

10 **INFORMATION ITEMS**

A **Sanitation Rate for Single-Family Residential Customers (Pg. 175)**

B **Corrosion Control Desktop Study (Pg. 177)**

11 **NON-ACTION ITEMS**

A **Organization Reports**

(1) MWD Representative Report/Agenda(s) **(Pg. 207)**

(2) Other

B **Director's Reports on Outside Meetings**

C **General Manager Reports**

(1) General Business

(2) Follow-Up Items

D **Director's Comments**

12 **FUTURE AGENDA ITEMS**

13 **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

14 **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 and Heal the Bay, Inc. v. Lisa P. Jackson (TMDL cases)
2. Las Virgenes - Triunfo Joint Powers Authority v. United States

Environmental Protection Agency (FOIA case)

3. San Diego County Water Authority v. Metropolitan Water District of Southern California, et al.

15 **OPEN SESSION AND ADJOURNMENT**

Pursuant to Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and applicable federal rules and regulations, 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 Executive Assistant/Clerk of the Board in advance of the meeting to ensure availability of the requested service or accommodation. Notices, agendas, and public documents related to the Board meetings can be made available in appropriate alternative format upon request.

LAS VIRGENES MUNICIPAL WATER DISTRICT

To: JAY LEWITT, TREASURER

Payments for Board Meeting of: April 12, 2016

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. 72357 through 72702 were issued in the total amount of \$ 831,619.47

Payments through wire transfers as follows:

3/30/2016 Metropolitan Water Dist. Payment for water deliveries in the month of January 2016 \$ 256,383.58

Total wires \$ 256,383.58

Total payments \$ 1,088,003.05

(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.)

**CHECK LISTING FOR BOARD MEETING
04/12/16**

Company Name	Company No.	Check No.	Check No.	Check No.	Check No.	Total
		72537 thru 72563 03/22/16	72564 thru 72604 03/29/16	72605 thru 72637 04/05/16	72638 thru 72702 04/12/16	
		Amount	Amount	Amount	Amount	
Potable Water Operations	101	4,054.64	22,599.33	27,654.99	69,719.03	124,027.99
Recycled Water Operations	102					0.00
Sanitation Operations	130	1,617.91	2,863.60	67,112.70	1,043.33	72,637.54
Potable Water Construction	201					0.00
Water Conservation Construction	203					0.00
Potable Water Replacement	301		6,534.88		98,254.20	104,789.08
Reclaimed Water Replace	302					0.00
Internal Service	701	22,702.16	62,734.08	23,656.63	73,136.39	182,229.26
JPA Operations	751	30,332.58	23,892.39	6,212.67	116,549.81	176,987.45
JPA Construction	752				41,281.97	41,281.97
JPA Replacement	754				130,868.28	130,868.28
Total Printed		58,707.29	118,624.28	124,636.99	530,853.01	832,821.57
Voided Checks / payment stopped:						
Ck#71221	101	(8.30)				(8.30)
Ck#71471	101	(105.02)				(105.02)
Ck#67617	101	(1,088.78)				(1,088.78)
Total Voids		(1,202.10)	0.00	0.00	0.00	(1,202.10)
Net Total		57,505.19	118,624.28	124,636.99	530,853.01	831,619.47



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 2016	Page No. 1 of 1
Mailed: 02/10/2016	Due Date: 03/30/2016
Invoice Number: 8595	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	559.2

SALES	Type	Volume (AF)	Rate (\$ /AF)	Total (\$)
Full Service	Tier 1 Supply Rate	620.3	\$156.00	\$96,766.80
	System Access Rate	620.3	\$259.00	\$160,657.70
	Water Stewardship Rate	620.3	\$41.00	\$25,432.30
	System Power Rate	620.3	\$138.00	\$85,601.40
	Treatment Surcharge	620.3	\$348.00	\$215,864.40
SUBTOTAL				\$584,322.60

OTHER CHARGES AND CREDITS	Rate (\$ /AF)	
Conservation Debit/Credit	(\$502,688.00)	
Readiness To Serve Charge(Payment Schedule: M)	\$132,874.81	
Capacity Charge(Payment Schedule: M)	\$41,874.17	
SUBTOTAL		(\$327,939.02)

ADDITIONAL INFORMATION	Volume (AF)	Tier1 %	Peak Day	Flow (CFS)
Purchase Order Commitment (Jan 2015 to Dec 2024)	162,386.7			
Purchase Order Firm Delivery To Date (Jan 2015 to Dec 2024)	20,089.3			
Tier 1 Annual Limit (For Current Calendar Year)	24,358.0			
Tier 1 YTD Deliveries (For Current Calendar Year)	620.3	2.5		
Tier 1 Current Month Deliveries	620.3			
Capacity Charge			5/30/2014	46.1

INVOICE TOTAL

Volume AF	Amount Now Due
620.3	\$256,383.58

Note: Amount Due is based on highlighted fields

PAID

WIRED @ 3/30/16
ACJ

Approved for Payment
David W. Pedersen 02/09/16
 David W. Pedersen, P.E.

Approved for Payment
David R. Lippman 2/2/16
 David R. Lippman

Batch Number - 243623

Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document . . .	Key Item Co	Amount	Invoice Number
72537	03/22/16	2869	AT&T	SRV 3/5--4/4/16	PV	144918	001 00101	20.12	0051/030516
				SRV 3/5--4/4/16	PV	144918	002 00101	270.45	0051/030516
				SRV 3/5--4/4/16	PV	144918	003 00101	104.20	0051/030516
				SRV 3/5--4/4/16	PV	144918	004 00101	117.04	0051/030516
				SRV 3/5--4/4/16	PV	144918	005 00101	1,074.11	0051/030516
				SRV 3/5--4/4/16	PV	144918	006 00101	5,593.27	0051/030516
				SRV 3/5--4/4/16	PV	144918	007 00101	1,264.99	0051/030516
				SRV 3/5--4/4/16	PV	144918	008 00101	101.63	0051/030516
				SRV 3/5--4/4/16	PV	144918	009 00101	83.54	0051/030516
				SRV 3/5--4/4/16	PV	144918	010 00101	6.78	0051/030516
				SRV 3/5--4/4/16	PV	144918	011 00101	490.98	0051/030516
				SRV 3/5--4/4/16	PV	144918	012 00101	1,295.48	0051/030516
				SRV 3/5--4/4/16	PV	144918	013 00101	46.97	0051/030516
				SRV 3/5--4/4/16	PV	144918	014 00101	101.63	0051/030516
				SRV 3/5--4/4/16	PV	144918	015 00101	101.63	0051/030516
				SRV 3/5--4/4/16	PV	144918	016 00101	101.63	0051/030516
				SRV 3/5--4/4/16	PV	144918	017 00101	101.63	0051/030516
				SRV 3/5--4/4/16	PV	144918	018 00101	101.63	0051/030516
				SRV 3/5--4/4/16	PV	144918	019 00101	101.63	0051/030516
				SRV 3/5--4/4/16	PV	144918	020 00101	101.63	0051/030516
				SRV 3/5--4/4/16	PV	144918	021 00101	101.63	0051/030516

Batch Number - 243623

Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document . . .	Key lim Co	Amount	Invoice Number
	3/5-4/4/16				PV	144918	022 00101	101.63	0051/030516
	SRV								
	3/5-4/4/16				PV	144918	023 00101	101.63	0051/030516
	SRV								
	3/5-4/4/16				PV	144918	024 00101	101.63	0051/030516
	SRV								
	3/5-4/4/16				PV	144918	025 00101	101.63	0051/030516
	SRV								
	3/5-4/4/16				PV	144918	026 00101	101.63	0051/030516
	SRV								
	3/5-4/4/16				PV	144918	027 00101	101.63	0051/030516
	SRV								
	3/5-4/4/16				PV	144918	028 00101	101.63	0051/030516
	SRV								
	3/5-4/4/16				PV	144918	029 00101	101.63	0051/030516
	SRV								
	3/5-4/4/16				PV	144918	030 00101	101.63	0051/030516
	SRV								
	3/5-4/4/16				PV	144918	031 00101	101.63	0051/030516
	SRV								
	3/5-4/4/16				PV	144918	032 00101	50.82	0051/030516
	SRV								
	3/5-4/4/16				PV	144918	033 00101	50.81	0051/030516
	SRV								
	3/5-4/4/16				PV	144921	001 00701	117.71	7720/030716
	SRV								
	3/7-4/6/16				PV	144922	001 00701	117.71	7719/030716
	SRV								
	3/7-4/6/16				PV	144923	001 00701	85.81	7721/030716
	SRV								
	3/7-4/6/16				PV	144924	001 00101	202.38	2045/030716
	SRV								
	3/7-4/6/16				PV	144925	001 00101	408.83	2043/030716
	SRV								
	3/7-4/6/16				PV	144926	001 00130	101.19	2220/030716
	SRV								
	3/7-4/6/16				PV	144927	001 00101	67.60	0123/030716
	SRV								
	3/7-4/6/16				PV	144928	001 00101	109.88	9054/030516
	SRV								
	3/5-4/4/16								

Batch Number - 243623

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key ltm	Key Co	Amount	Invoice Number
				SRV	PV	144929	001	00701	543.62	9065/030516
				3/5--4/4/16						
				SRV	PV	144930	001	00701	544.21	9268/030516
				3/5--4/4/16						
				SRV	PV	144976	001	00101	33.29	0124/030716
				3/7--4/6/16						
				PaymentAmount				14,732.76		
72538	03/22/16	9631	AT&T LONG DISTANCE	LONG DIST	PV	144920	001	00701	505.21	806368136/030416
				2/1--3/2/16						
				LONG DIST	PV	144920	002	00701	2.88	806368136/030416
				2/1--3/2/16						
				LONG DIST	PV	144920	003	00701	19.66	806368136/030416
				2/1--3/2/16						
				LONG DIST	PV	144920	004	00701	.09	806368136/030416
				2/1--3/2/16						
				LONG DIST	PV	144920	005	00701	17.02	806368136/030416
				2/1--3/2/16						
				LONG DIST	PV	144920	006	00701	17.12	806368136/030416
				2/1--3/2/16						
				PaymentAmount				561.98		
72539	03/22/16	16253	AT&T MOBILITY	SRV	PV	144919	001	00701	131.03	992789332X03112016
				2/4--3/3/16						
				SRV	PV	144919	002	00701	41.50	992789332X03112016
				2/4--3/3/16						
				SRV	PV	144919	003	00701	18.42	992789332X03112016
				2/4--3/3/16						
				SRV	PV	144919	004	00701	452.87	992789332X03112016
				2/4--3/3/16						
				SRV	PV	144919	005	00701	30.99	992789332X03112016
				2/4--3/3/16						
				SRV	PV	144919	006	00701	49.41	992789332X03112016
				2/4--3/3/16						
				SRV	PV	144919	007	00701	60.17	992789332X03112016
				2/4--3/3/16						
				SRV	PV	144919	008	00701	18.42	992789332X03112016
				2/4--3/3/16						
				SRV	PV	144919	009	00701	12.89	992789332X03112016
				2/4--3/3/16						
				SRV	PV	144919	010	00701	5.53	992789332X03112016
				2/4--3/3/16						
				SRV	PV	144919	011	00701	239.14	992789332X03112016
				2/4--3/3/16						

Batch Number - 243623
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Item	Co	Amount	Invoice Number
				2/4-3/3/16							12016
				SRV	PV	144919	012	00701		219.02	992789332X031
				2/4-3/3/16							12016
				SRV	PV	144919	013	00701		30.99	992789332X031
				2/4-3/3/16							12016
				SRV	PV	144919	014	00701		236.35	992789332X031
				2/4-3/3/16							12016
				SRV	PV	144919	015	00701		18.62	992789332X031
				2/4-3/3/16							12016
				SRV	PV	144919	016	00701		65.69	992789332X031
				2/4-3/3/16							12016
				SRV	PV	144919	017	00701		49.41	992789332X031
				2/4-3/3/16							12016
				SRV	PV	144919	018	00701		61.98	992789332X031
				2/4-3/3/16							12016
				SRV	PV	144919	019	00701		109.98	992789332X031
				2/4-3/3/16							12016
				SRV	PV	144919	020	00701		18.42	992789332X031
				2/4-3/3/16							12016
				SRV	PV	144919	021	00701		65.69	992789332X031
				2/4-3/3/16							12016
				SRV	PV	144919	022	00701		91.52	992789332X031
				2/4-3/3/16							12016
				SRV	PV	144919	023	00701		160.80	992789332X031
				2/4-3/3/16							12016
				Payment Amount						2,188.84	
72540	03/22/16	18854	AT&T	CONF	PV	144911	001	00101		123.55	603-015589
			TELECONFERENC	CALL@2/16/16							
			E SERVICES								
				Payment Amount						123.55	
72541	03/22/16	18860	CHEMTREAT,	MAR'16 WTR	PV	144947	001	00701		562.71	2057204
			INC.	TRMT							
				Payment Amount						562.71	
72542	03/22/16	2547	COUNTY	FEB'16	PV	144946	001	00701		655.43	48892/022916
			SANITATION	RAGS/GRIT							
			DISTRICTS OF	HAULING							
			LA COUNTY								
				Payment Amount						655.43	
72543	03/22/16	3498	DEPT. OF	CHTSWRTH RSV	PV	144913	001	00101		525.00	GA78494
			WATER & POWER	4/1/16-3/31/1							
			-CITY OF LA								

Batch Number - 243623

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
72544	03/22/16	15256	ENVIRONMENTAL OUTSOURCE, INC	Payment Amount FORKFLT TRNG 3/28&3/3/16	PV	144944	001	00701	1,990.00	9302
72545	03/22/16	8173	EXCEL PRINT RESOURCES	Payment Amount 2,000 COMPST SHPPG DOCS	PV	144950	001	00751	675.28	2427
72546	03/22/16	2658	FEDERAL EXPRESS CORP	Payment Amount 1 PKG DEL 3/3/16	PV	144917	001	00701	68.27	5-347-84926
72547	03/22/16	15816	GEOTECH ENVIRONMENTAL EQUIPMENT, INC.	Payment Amount 50 GRNDWTR FILTERS	PV	144967	001	00701	940.63	482301
72548	03/22/16	2752	KAMAN INDUSTRIAL TECHNOLOGIES	FREIGHT Payment Amount 208L PARTS WASHER	PV	144967	002	00701	22.76	482301
72549	03/22/16	3038	LARRY WALKER & ASSOC	Payment Amount P/E 2/29/16 NPDES PRMT RNWL	PV	144949	001	00701	925.86	Z355065
72550	03/22/16	19396	JAY LEWITT	Payment Amount MILEAGE RE WTRWSE MTG 2/18/16	PV	144948	001	00701	925.86	Z355065
72551	03/22/16	17295	MAILFINANCE	Payment Amount EXP-ACWA DC CONF 2/23-2/25/16	PV	144974	001	00701	5,631.25	00532.01-4
72552	03/22/16	2842	NAPA AUTO PARTS	Payment Amount 3/9-4/8/16 PSTG MCHN Payment Amount 8 OXYGEN SENSORS	PV	144975	001	00701	9.50	021816
						144945	001	00701	30.32	022516
						144971	001	00701	221.98	N5822835
						144971	001	00701	430.77	803823

Batch Number - 243623

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
72553	03/22/16	16754	NATURAL SURROUNDINGS	VEH#801 HALOGEN CAPSLS Payment Amount	PV	144972	001 00701	001 00701	20.25	802385
				MAR'16 FLORAL MAINT Payment Amount	PV	144977	001 00701	001 00701	235.00	6482
72554	03/22/16	2302	OFFICE DEPOT	MISC OFFICE SUPPLIES Payment Amount	PV	144931	001 00701	001 00701	643.21	827123012001
				SHREDDER Payment Amount	PV	144932	001 00701	001 00701	188.34	827122896001
				FILE POCKETS Payment Amount	PV	144933	001 00701	001 00701	84.40	827123014001
				2PORT DUAL Payment Amount	PV	144934	001 00701	001 00701	21.91	827123013001
				TBLT CAR Payment Amount	PV	144935	001 00701	001 00701	35.70	827215823001
				CHRGR Payment Amount	PV	144936	001 00701	001 00701	81.15	827217175001
				MISC OFFICE SUPPLIES Payment Amount	PV	144937	001 00701	001 00701	135.15	827857787001
				LEDGER PAPER Payment Amount	PV	144938	001 00701	001 00701	13.94	827857787002
				POST-IT NOTES Payment Amount	PV	144939	001 00701	001 00701	43.69	827857994001
				FOLDRS&PHONE Payment Amount	PV	144940	001 00701	001 00701	32.14	822068534002
				WIPES Payment Amount	PV	144941	001 00701	001 00701	6.91	021816
72555	03/22/16	18821	LEONARD POLAN	MILEAGE RE Payment Amount	PV	144962	001 00701	001 00701	1,279.63	
				WTRWISE MTG Payment Amount	PV	144980	001 00701	001 00701	1,482.39	022416
				EXP-CASA DC Payment Amount	PV	144943	001 00701	001 00701	289.84	030916
				CONF 2/21-24 Payment Amount	PV	144943	001 00701	001 00701	289.84	
72556	03/22/16	10643	JEFF REINHARDT	REIMB Payment Amount	PV	144943	001 00701	001 00701	289.84	
				EXP-ACWA LEG Payment Amount	PV	144964	001 00701	001 00701	1,209.82	021916
				SYMP 3/8-9 Payment Amount	PV	144964	001 00701	001 00701	1,209.82	
72557	03/22/16	20315	ANTHONY SLIGER	EXP-OCMR GRD Payment Amount	PV	144979	001 00751	001 00751	16,708.68	9133440-00-02
				3 TST RVW Payment Amount	PV	144979	001 00751	001 00751	16,708.68	5
				2/16-19 Payment Amount	PV	144979	001 00751	001 00751	16,708.68	
72558	03/22/16	19093	SOLARCITY - AU SOLAR 1 (GS1)	RW P/S Payment Amount	PV	144979	001 00751	001 00751	16,708.68	
				2/1-2/29/16 Payment Amount	PV	144979	001 00751	001 00751	16,708.68	

Batch Number - 243623

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Lim	Co	Amount	Invoice Number
72559	03/22/16	2958	SOUTHERN CALIFORNIA GAS CO	RLV 2/8--3/9/16	PV	144914	001	00751		400.80	4200/031116
				CORNELL 2/8--3/9/16	PV	144915	001	00101		14.79	0400/031116
				JBR P/S 2/4--3/7/16	PV	144916	001	00101		15.78	1200/030916
				TAPIA 2/8--3/9/16	PV	144942	001	00751		886.78	4000/031416
				CORNELL-CORR 12/21--2/24/16	PV	144965	001	00101		3.36	8400/031616
				HQ&OPS 2/8--3/9/16	PV	144966	001	00701		1,159.42	3600/031516
				Payment Amount					2,480.93		
72560	03/22/16	16271	SPOK, INC.	PAGR SRV 3/10--4/10/16	PV	144941	001	00701		283.02	Z0143084C
				PAGR SRV 3/10--4/10/16	PV	144941	002	00701		70.02	Z0143084C
				PAGR SRV 3/10--4/10/16	PV	144941	003	00701		42.02	Z0143084C
				Payment Amount					395.06		
72561	03/22/16	20312	MARK URIBE	EXP-CSMFO CONF 3/1-6	PV	144912	001	00701		122.79	030616
				Payment Amount					122.79		
72562	03/22/16	3034	VORTEX INDUSTRIES	CURE DOOR@RLV-BLDG #1	PV	144969	001	00701		2,265.16	01-1007483-1
				BLD#8 BK ENT&OFFC DOORS	PV	144970	001	00701		399.00	01-1008458-1
				Payment Amount					2,664.16		
72563	03/22/16	3037	WAITE BROS. PLUMBING	2" GATE VLV SRV@TAPIA OPS	PV	144973	001	00701		570.00	38903
				BSMT							
				Payment Amount					570.00		
				Total Amount of Payments Written					58,707.29		
				Total Number of Payments Written					27		

Batch Number - 243690

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key	Key	Amount	Invoice Number
							Item	Co		
72584	03/29/16	3077	AIRGAS USA, LLC	3/16 CYLNDR RENT	PV	145039	001	00701	748.43	9934220395
All Payee AIRGAS USA, LLC 6658 AIRGAS USA, LLC P. O. BOX 7423 PASADENA CA 91109-7423										
72585	03/29/16	5625	ASSOC. OF WATER AGENCIES OF VENTURA CO	WTRWISE BRKFST MTG 2/18 (6)	PV	145026	001	00701	150.00	06-8730
Payment Amount 748.43										
72586	03/29/16	2869	AT&T	CCWUC LNCHN 2/24 (2) 2015 WTR SYMP SPNSRSHIP	PV	145027	001	00701	70.00	06-8746
Payment Amount 1,220.00										
72587	03/29/16	8782	AW DIRECT INC.	SRV 3/14-4/13/16	PV	144996	001	00701	101.63	4639/031416
Payment Amount 203.26										
72588	03/29/16	7965	B&B PALLET CO.	SFTY LIGHT BARS	PV	145034	001	00701	1,744.91	SI02318051
Payment Amount 1,744.91										
72589	03/29/16	2425	BANK OF AMERICA	55 YDS WOOD CHIPS	PV	144951	001	00701	638.00	114835
Payment Amount 3,828.00										
72590	03/29/16	2425	BANK OF AMERICA	55 YDS WOOD CHIPS	PV	144952	001	00701	638.00	114836
72591	03/29/16	2425	BANK OF AMERICA	55 YDS WOOD CHIPS	PV	144953	001	00701	638.00	114837
72592	03/29/16	2425	BANK OF AMERICA	55 YDS WOOD CHIPS	PV	144954	001	00701	638.00	114838
72593	03/29/16	2425	BANK OF AMERICA	55 YDS WOOD CHIPS	PV	144955	001	00701	638.00	114839
72594	03/29/16	2425	BANK OF AMERICA	55 YDS WOOD CHIPS	PV	144956	001	00701	638.00	114840
72595	03/29/16	2425	BANK OF AMERICA	VISA CHG-F&A-FEB'16	PV	145002	001	00701	2,086.62	3071/030716
72596	03/29/16	2425	BANK OF AMERICA	VISA CHG-F&A	PV	145003	001	00701	643.41	1129/030716

Batch Number - 243690
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	TY	Document Number	Item	Co	Key	Amount	Invoice Number
				N2-FEB'16							
				VISA CHG-R	PV	145004	001	00751		247.34	3954/030716
				CNSRV							
				N1-FEB'16							
				VISA CHG-R	PV	145004	002	00751		5.36	3954/030716
				CNSRV							
				N1-FEB'16							
				VISA CHG-R	PV	145004	003	00751		14.80	3954/030716
				CNSRV							
				N1-FEB'16							
				VISA CHG-R	PV	145004	004	00751		25.17	3954/030716
				CNSRV							
				N1-FEB'16							
				VISA CHG-R	PV	145004	005	00751		125.00	3954/030716
				CNSRV							
				N1-FEB'16							
				VISA CHG-R	PV	145004	006	00751		246.00	3954/030716
				CNSRV							
				N1-FEB'16							
				VISA	PV	145005	001	00101		174.39	1302/030716
				CHG-MAINT-FEB							
				'16							
				VISA	PV	145005	002	00101		70.84	1302/030716
				CHG-MAINT-FEB							
				'16							
				VISA	PV	145005	003	00101		71.90	1302/030716
				CHG-MAINT-FEB							
				'16							
				VISA	PV	145005	004	00101		132.79	1302/030716
				CHG-MAINT-FEB							
				'16							
				VISA	PV	145005	005	00101		67.22	1302/030716
				CHG-MAINT-FEB							
				'16							
				VISA	PV	145005	006	00101		90.00	1302/030716
				CHG-MAINT-FEB							
				'16							
				VISA	PV	145006	001	00701		134.00	7366/030716
				CHG-OPS-FEB'1							
				6							
				VISA	PV	145006	002	00701		98.00	7366/030716

Batch Number - 243690

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Co	Amount	Invoice Number
				CHG-OPS-FEB1						
6				VISA	PV	145006	003	00701	110.00	7366/030716
				CHG-OPS-FEB1						
6				VISA	PV	145006	004	00701	110.00	7366/030716
				CHG-OPS-FEB1						
6				VISA	PV	145007	001	00701	741.02	6218/030716
				CHG-ENG-FEB1						
6				VISA	PV	145008	001	00701	299.45	4031/030716
				CHG-FIGUEROA-FEB16						
				VISA-GUZMAN-FEB16	PV	145009	001	00701	807.48	7941/030716
				VISA	PV	145010	001	00701	1,636.59	1175/030716
				CHG-LEWITT-FEB16						
				VISA	PV	145011	001	00701	870.80	2372/030716
				CHG-LIPPMAN-FEB16						
				VISA	PV	145012	001	00701	2,444.39	1162/030716
				CHG-PEDERSEN-FEB16						
				VISA	PV	145013	001	00701	64.49	3044/030716
				CHG-REYES-FEB16						
				VISA	PV	145014	001	00701	955.04	4176/030716
				CHG-PANIAGUA-FEB16						
				VISA	PV	145015	001	00701	2,142.65	8518/030716
				CHG-PETERSON-FEB16						
				VISA	PV	145016	001	00701	84.85	2698/030716
				CHG-TAPIA-FEB16						
				VISA	PV	145016	002	00701	298.90	2698/030716
				CHG-TAPIA-FEB16						
				VISA	PV	145016	003	00701	420.00	2698/030716

Batch Number - 243690

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
				CHG-TAPIA-FEB						
				'16						
				VISA	PV	145016	004	00701	58.91	2698/030716
				CHG-TAPIA-FEB						
				'16						
				VISA	PV	145016	005	00701	226.91	2698/030716
				CHG-TAPIA-FEB						
				'16						
				VISA CHG-WTR	PV	145017	001	00701	392.87	3713/030716
				DIST						
				N1-FEB'16						
				VISA CHG-WTR	PV	145017	002	00701	360.00	3713/030716
				DIST						
				N1-FEB'16						
				VISA CHG-WTR	PV	145017	003	00701	240.80	3713/030716
				DIST						
				N1-FEB'16						
				VISA CHG-WTR	PV	145018	001	00701	280.00	8102/030716
				DIST						
				N2-FEB'16						
				VISA CHG-WTR	PV	145018	002	00701	120.40	8102/030716
				DIST						
				N2-FEB'16						
				VISA	PV	145019	001	00101	39.23	7431/030716
				CHG-WSTLK-FEB						
				'16						
				VISA	PV	145019	002	00101	14.16	7431/030716
				CHG-WSTLK-FEB						
				'16						
				VISA	PV	145019	003	00101	27.95	7431/030716
				CHG-WSTLK-FEB						
				'16						
				VISA	PV	145019	004	00101	41.93	7431/030716
				CHG-WSTLK-FEB						
				'16						
				VISA	PV	145019	005	00101	231.48	7431/030716
				CHG-WSTLK-FEB						
				'16						
				VISA CHG-R	PV	145049	001	00701	285.00	1722/030716
				CNSRV-FEB'16						
				VISA CHG-R	PV	145049	002	00701	229.29	1722/030716

Batch Number - 243690
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	TY	Document Number	Key Item	Co	Amount	Invoice Number
				CNSRV-FEB'16	PV	145049	003	00701	146.80	1722/030716
				VISA CHG-R						
				CNSRV-FEB'16	PV	145049	004	00701	124.00	1722/030716
				VISA CHG-R						
				CNSRV-FEB'16	PV	145049	005	00701	695.00	1722/030716
				VISA CHG-R						
				CNSRV-FEB'16	PV	145050	001	00701	1,154.61	0271/030716
				VISA						
				CHG-PATTERSON						
				-FEB'16						
				VISA	PV	145061	001	00751	1,582.11	8721/030716
				CHG-RLV-FEB'16						
				6						
				VISA CHG-OPS	PV	145062	001	00101	51.65	1498/030716
				ADMIN-FEB'16						
				VISA CHG-OPS	PV	145062	002	00101	1,129.88	1498/030716
				ADMIN-FEB'16						
				VISA CHG-OPS	PV	145062	003	00101	167.56	1498/030716
				ADMIN-FEB'16						
				VISA CHG-OPS	PV	145062	004	00101	113.37	1498/030716
				ADMIN-FEB'16						
				VISA CHG-OPS	PV	145062	005	00101	107.91	1498/030716
				ADMIN-FEB'16						
				VISA CHG-OPS	PV	145062	006	00101	120.96	1498/030716
				ADMIN-FEB'16						
				Payment Amount						
72570	03/29/16	2513	CAPCO ANALYTICAL SERVICES	JAN'16 DGSTR	PV	145037	001	00701	585.00	160121
				TSTG						
				MAR'16 DGSTR	PV	145038	001	00701	585.00	160534R
				TSTG						
				Payment Amount						
72571	03/29/16	18992	CDW GOVERNMENT	VEHICLE	PV	144959	001	00701	812.05	C.JN0953
				MOUNT-CP						
				VEHICLE MOUNT	PV	144960	001	00701	812.05	C.JN0951
				Alt Payee						
			19010	CDW GOVERNMENT						
				75 REMITTANCE DR., SUITE 1515						
				CHICAGO IL 60675-1515						
				Payment Amount						
72572	03/29/16	4586	CONSOLIDATED	SCANPORT/DPI	PV	144988	001	00701	383.45	9009-730056
				Payment Amount						
				1,624.10						

Batch Number - 243690
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Key Itm Co	Amount	Invoice Number	
ELECTRICAL									
DISTRIBUTORS									
72573	03/29/16	8313	COUNTY OF LOS ANGELES-AGRIC COMMRWTS	Payment Amount PESTICIDE TRNG 2/17/16	PV	145035 001 00701	383.45 327.48	1376M	
72574	03/29/16	8173	EXCEL PRINT RESOURCES	Payment Amount 5,000 #10 REG ENVS	PV	144990 001 00701	277.95	2429	
72575	03/29/16	2654	FAMCON PIPE	Payment Amount AIR VACS,VLVS,CMP S,BARS&PRBS AIR VAC ENCLS FORD MTR BOX PRTS&FTTGS	PV	144992 001 00701	8,981.60	178171	
72576	03/29/16	6770	G.I. INDUSTRIES	Payment Amount 2/24-3/15/16 SHOP DISP 2/24-3/15/16 RAGS/GRIT DISP 2/24-3/15/16 RAGS/GRIT DISP 2/24-3/15/16 RLV DISP	PV	145053 001 00701 145054 001 00701 145054 002 00701 145055 001 00701	18,922.03 534.12 474.75 363.60 249.90	2766521-0283-7 2525928-0283-6 2525928-0283-6 2766525-0283-8	
Alt Payee 6771 G.I. INDUSTRIES P. O. BOX 541065 LOS ANGELES CA 90054-1065									
72577	03/29/16	2701	GRAINGER, INC.	Payment Amount NO SMOKING SIGNS TOOL HOLDERS 96- 2" PAINT BRUSHES	PV	144769 001 00101 144770 001 00701 144771 001 00701	1,622.37 95.69 61.34 73.25	9032555022 9036748474 9031780829	
Alt Payee 5453 GRAINGER, INC. DEPT 805178142 PALATINE IL 60038-0001									
							Payment Amount	230.28	

Batch Number - 243690

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
72578	03/29/16	2705	HACH COMPANY	24 AMMONIA	PV	144957	001	00701	2,772.96	9829535
			TNT LR							
			FREIGHT		PV	144957	002	00701	79.47	9829535
			2 ORP PROBES		PV	145036	001	00701	2,282.46	9833891
			FREIGHT		PV	145036	002	00701	130.76	9833891
			Alt Payee 6442 HACH COMPANY 2207 COLLECTIONS CENTER DR CHICAGO IL 60693							
			Payment Amount						5,265.65	
72579	03/29/16	3083	JCI JONES CHEMICALS, INC	4,300 GAL	PV	144987	001	00701	5,719.00	683654
			BISULFITE INC							
			Alt Payee 13647 JCI JONES CHEMICALS, INC P.O. BOX 636877 CINCINNATI OH 45263-6877							
			Payment Amount						5,719.00	
72580	03/29/16	5230	KENNEDY/JENKS CONSULTANTS	PIE 2/26/16	PV	144988	001	00701	5,056.65	99683
			2015 UWMP							
			Payment Amount						5,056.65	
72581	03/29/16	17447	KONECRANES INC.	QTYL CRANE	PV	145032	001	00701	1,116.76	NLA01095901
			SVC/INSPCT		PV	145032	003	00701	1,116.74	NLA01095901
			SVC/INSPCT		PV	145033	001	00701	787.42	NLA01097206
			RPLC CABLE ON AUTOCRN							
			Payment Amount						3,020.92	
72582	03/29/16	2611	LA DWP	RECTIFIER	PV	144985	001	00101	40.97	017698/031616
			2/16--3/15/16							
			RECTIFIER		PV	144986	001	00101	36.42	503850/031716
			2/17--3/16/16							
			1/14--3/15/16		PV	145059	001	00101	11,382.01	875698/032116
			TWN LKS P/S							
			Payment Amount						11,459.40	
72583	03/29/16	20317	LEE JENNINGS TARGET EXPRESS, INC.	TRUCKG SVC-1	PV	145040	001	00101	60.89	058157
			PALLET@2/23							
			Payment Amount						60.89	
72584	03/29/16	3483	DAVID LIPPMAN	EXP-CASA DC CONF	PV	145051	001	00701	151.11	022616
			2/21--2/26/16							

Batch Number - 243690

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
72585	03/29/16	2846	NATIONAL PLANT SERVICES INC	CELL PHN EXP 2/4--3/3/16 Payment Amount	PV	145052	001	00701	95.38	7898/030316
				SWR	PV	145068	001	00701	246.49	12506
				CLNG@17&2/4/					2,500.00	
				16						
				SWR	PV	145068	002	00701	2,500.00	12506
				CLNG@17&2/4/						
				16						
				Payment Amount					5,000.00	
72586	03/29/16	2871	PACIFIC COAST BOLT	BRKOFF	PV	144988	001	00701	529.20	2014468
				BOLTS&NUTS						
				FREIGHT	PV	144988	004	00701	67.26	2014468
				Payment Amount					596.46	
72587	03/29/16	18891	DAVID W. PEDERSEN	EXP-CASA DC CONF	PV	144995	001	00701	40.40	030116
				2/21--25/16						
				Payment Amount					40.40	
72588	03/29/16	2585	PURETEC	3/2/16 TANK SVC@TAPIA	PV	145048	001	00701	198.00	1469560
				Payment Amount					198.00	
72589	03/29/16	17174	ROTH STAFFING COMPANIES, LP	2/29--3/4/16 E.M.AGUILAR	PV	144989	001	00701	799.20	13251499
				Payment Amount					799.20	
72590	03/29/16	15800	SAFE AND BEAUTIFUL TREE CO., INC.	TREE RMVL@WSTLK	PV	145056	001	00701	800.00	030916
				Payment Amount					800.00	
72591	03/29/16	6940	SECTRAN SECURITY, INC.	MAR'16 COURIER SVC	PV	145058	001	00701	293.55	16030626
				Payment Amount					800.00	
72592	03/29/16	2949	SNAP ON TOOLS	DIGTL TIRE INFLTR W/SS HOSE	PV	144982	001	00701	146.01	02171618628
				Payment Amount					293.55	
72593	03/29/16	13676	TEK-COLLECT INCORPORATED	ANLN COMP MAINT FEE	PV	145041	001	00701	75.00	326480
				Payment Amount					146.01	
72594	03/29/16	17645	TORO	PIE 2/29/16	PV	144999	001	00701	5,405.00	9813
				Payment Amount					75.00	

Batch Number - 243680

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key lfm	Co	Amount	Invoice Number
			ENTERPRISES INC.	6" TEMP LN@SADDLTR						
				Payment Amount				5,405.00		
72595	03/29/16	3008	UNISOURCE WORLDWIDE INC.	JANITORIAL SUPPLIES	PV	145023	001	00701	3,072.67	731-48425431
				PAPER TOWELS	PV	145024	001	00701	131.45	731-48426681
			8334 UNISOURCE WORLDWIDE, INC							
			FILE 57006							
			LOS ANGELES CA 90074-7006							
				Payment Amount				3,204.12		
72596	03/29/16	8764	UNITED IMAGING	TONER CARTRIDGES	PV	145025	001	00701	5,227.15	979012
				PIPE	PV	145046	001	00701	4,468.85	896372
72597	03/29/16	13653	USABLUBOOK	LOCATR&TRNSMT TRS						
				Payment Amount				4,468.85		
72598	03/29/16	2780	VALLEY NEWS GROUP	DISPLAY ADS	PV	144981	001	00101	250.00	3-10
				3/10/16	PV	144981	002	00101	220.00	3-10
				3/10/16	PV	144981	003	00101	120.00	3-10
				3/10/16	PV	145029	001	00101	560.00	3-17
				GARDEN ADS						
				3/17/16						
				Payment Amount				1,150.00		
72599	03/29/16	18604	VENTURA PEST CONTROL	MAR'16 PEST CNTL	PV	145045	001	00701	110.00	510270
				MAR'16 PEST CNTL	PV	145045	003	00701	380.00	510270
				MAR'16 PEST CNTL	PV	145045	008	00701	195.00	510270
				Payment Amount				685.00		
72600	03/29/16	2729	VULCAN MATERIALS CO.	26.31 TN SE-30 FILL	PV	144998	001	00701	578.88	71063524
				Payment Amount				578.88		

Batch Number - 243690

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Item	Key Co	Amount	Invoice Number
72601	03/29/16	3035	VWR SCIENTIFIC	SFTY	PV	145000	001	00701	174.78	8044169048
			BULB&ISOPROPY							
			LALC							
			FREIGHT&HAZ		PV	145000	003	00701	53.66	8044169048
			CHGS							
			PHOS BUJFR		PV	145001	001	00701	131.50	8044312859
			DILUTN							
			FREIGHT		PV	145001	002	00701	16.51	8044312859
			2 LAB CHAIRS		PV	145044	001	00701	838.56	8044146684
			FREIGHT		PV	145044	002	00701	143.75	8044146684
			All Payee							
			3216 VWR INTERNATIONAL, INC							
			P. O. BOX 640169							
			PITTSBURGH PA 15264-0169							
			Payment Amount						1,358.76	
72602	03/29/16	3047	WESCO DISTRIBUTION, INC.	6 ELE BALLASTS	PV	145060	001	00701	124.13	528884
			All Payee							
			6443 WESCO DISTRIBUTION, INC							
			PO BOX 31001-0465							
			PASADENA CA 91110-0465							
			Payment Amount						124.13	
72603	03/29/16	19211	WEST COAST ELECTRIC MOTORS	HOFFMN BLWR MTR SHAFT	PV	145020	001	00701	1,500.00	W114
			Payment Amount						1,500.00	
72604	03/29/16	3884	WURTH USA INC.	WIPR BLADES&PIPE CLMPS ERASER WHEELS	PV	144983	001	00701	317.31	95287935
			Payment Amount						317.31	
			Total Amount of Payments Written						681.23	
			Total Amount of Payments Written						118,624.28	
			Total Number of Payments Written						41	

Batch Number - 243909

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
72605	04/05/16	19269	ACC BUSINESS	2/11-3/10/16 INTERNET	PV	145136	001	00701	960.56	160728599
				2/11-3/10/16 SCADAMPLS LINES	PV	145144	001	00130	480.82	160740607
				2/11-3/10/16 SCADAMPLS LINES	PV	145144	002	00130	515.94	160740607
				2/11-3/10/16 SCADAMPLS LINES	PV	145144	003	00130	480.67	160740607
				2/11-3/10/16 SCADAMPLS LINES	PV	145144	004	00130	515.95	160740607
				2/11-3/10/16 SCADAMPLS LINES	PV	145144	005	00130	480.83	160740607
72606	04/05/16	2397	AQUATIC BIOASSAY & CONSULTING	Payment Amount FEB'16 CHRNC NPDES-FTHD LARVAE	PV	145075	001	00701	3,434.77 1,150.00	LVS0316.0205
72607	04/05/16	2869	AT&T	Payment Amount SRV 3/22-4/21/16 SRV 3/20-4/19/16 SRV 3/25-4/24/16 SRV 3/23-4/22/16 SRV 3/23-4/22/16 SRV 3/23-4/22/16 SRV 3/23-4/22/16	PV	145137	001	00701	516.79 101.63 99.75 102.04 101.63 105.52 180.30 110.11	0119/032216 2150/032016 0192/032516 7426/032316 5388/032316 2430/032316 0210/032316 1984/032316
72608	04/05/16	7770	AUTOMATIONDIR ECT.COM	Payment Amount TERM BLKS,RLYS&PLT	PV	145083	001	00701	1,317.77 502.50	6826558

Batch Number - 243909

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
72609	04/05/16	19893	STEVEN BAIRD	Payment Amount MILEAGE-AWWA MATH RWV 3/1-2	PV	145063	001	00701	502.50 100.62	030216
72610	04/05/16	5405	CALOLYMPIC SAFETY	Payment Amount RESPS&MASKS	PV	145080	001	00701	1,908.70	349370
72611	04/05/16	15145	MARY CAPPS	RESPS&ADAPTRS Payment Amount MILEAGE-CLRK TECH TRNG 3/15-18	PV	145081	001	00701	1,030.51 2,939.21 97.30	348881-1 031816
72612	04/05/16	19122	CENTER-LINE CONCRETE CUTTING COMPANY	Payment Amount CONCRT CORING@JBR P/S	PV	145139	001	00101	97.30 585.00	6054
72613	04/05/16	2536	CITY OF LOS ANGELES	Payment Amount SWG CHG 15/16 O&M-5TH INSTLMT SWG CHG 15/16 CPTL-5TH INSTLMT	PV	145201	001	00130	585.00 26,039.00 39,408.00	74WP160000023 /5 74WP160000024 /5
72614	04/05/16	2539	CITY OF SIMI VALLEY	Payment Amount PURCH WTR 1/14-3/16/16 PURCH WTR 1/14-3/16/16	PV	145204	001	00101	65,447.00 434.42 5,800.97	0092326445 0092326451
72615	04/05/16	20327	CLIMATEC, LLC	Payment Amount BLDG#8 HVAC SVC&INSPCTNS	PV	145141	001	00701	6,235.39 975.00	LV34162
72616	04/05/16	19270	COMMUNICATION S RELAY, LLC	Payment Amount 4/16 SITE RNTL	PV	145064	001	00701	900.00	55974
72617	04/05/16	2638	ENVIRONMENTAL RESOURCE ASSOC	Payment Amount PERF EVAL STND-INORG	PV	145076	001	00701	900.00 126.00	786589

Batch Number - 243909

Bank Account - 00146607 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
72618	04/05/16	19383	IN N OUT BURGER	RFND BAL - CLOSED A/C	PV	135847	001	00101	1,088.78	9998192
				Payment Amount					1,088.78	
72619	04/05/16	3406	JACK JONES TRUCKING, INC.	RTN VLV-CS AMSCO	PV	145140	001	00751	67.36	C94628
				Payment Amount					67.36	
72620	04/05/16	2611	LA DWP	RECTIFIER 2/25-3/25/16	PV	145198	001	00101	36.42	851260/032816
				RECTIFIER 2/24-3/25/16	PV	145199	001	00101	40.97	557160/032516
				Payment Amount					77.39	
72621	04/05/16	3352	LAS VIRGENES MUNICIPAL WATER DISTRICT	L/S#2 2/4-3/8/16	PV	145118	001	00130	29.47	0570/031616
				L/S#1 2/4-3/8/16	PV	145119	001	00130	29.47	1775/031616
				JED SMITH P/S 2/3-3/7/16	PV	145120	001	00101	29.47	0254/031616
				RLV FARM 2/8-3/9/16	PV	145121	001	00751	90.89	2080/031616
				TAPIA 2/8-3/9/16	PV	145122	001	00751	220.19	1760/031616
				RLV 2/8-3/9/16	PV	145123	001	00751	458.64	2090/031616
				BLDG#1 2/8-3/9/16	PV	145124	001	00101	223.69	2620/031616
				BLDG#8 2/8-3/9/16	PV	145125	001	00701	228.45	2647/031616
				BLDG#8 FIRE PRT 2/8-3/9/16	PV	145126	001	00701	7.50	2650/031616
				BLDG#7 FIRE PRT 2/8-3/9/16	PV	145127	001	00701	7.50	2654/031616
				BLDG#7 2/8-3/9/16	PV	145128	001	00701	486.10	2656/031616
				BLDG#2 2/8-3/9/16	PV	145129	001	00701	267.99	2658/031616
				Payment Amount					2,079.36	

Batch Number - 243909

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
72622	04/05/16	2789	LIEBERT CASSIDY WHITMORE	PROF SRV P/E 2/29/16	PV	145142	001	00701	678.40	1418263
72623	04/05/16	2610	LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS	Payment Amount 2/8/16:L20150 4416 MUREAU INSPC	PV	145073	001	00101	221.18	RE-PW-1603080 9453
72624	04/05/16	2814	MCMaster-CARR SUPPLY CO	2/8/16:L20160 0522 4043 LATIGO	PV	145074	001	00701	914.00	RE-PW-1603080 9716
72625	04/05/16	16687	NEWBURY PARK TREE SERVICE, INC.	Payment Amount TREE TRIMMG@HQ&TAP IA	PV	145070	001	00701	4,140.00	10706
72626	04/05/16	13635	O. K. RADIATOR SHOP	Payment Amount VEH#710 EMGY RADTR RPR	PV	145065	001	00701	1,012.11	24143
72627	04/05/16	16372	OLIN CORPORATION - CHLORALKALI	Payment Amount 4,940 GAL HYPOCHLORITE	PV	145082	001	00701	2,693.36	2139931
72628	04/05/16	15824	OUTBACK FOOTWEAR	Payment Amount PRTCTV FTWR-JCOFFMA N	PV	145132	001	00701	225.00	27212

Batch Number - 243909

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	Item Co		Number
72629	04/05/16	17334	QAIR CALIFORNIA	PRCTV FTWR-JUCEDA Payment Amount	PV	145133	001 00701	225.00	27289
				ANLN SVC-RES AERTN	PV	145066	001 00701	774.85	46282
				COMPRSSR					
				Payment Amount				774.85	
72630	04/05/16	2907	RED WING SHOE STORE	PRCTV FTWR-3 EMPLOYEES	PV	145134	001 00701	547.99	416000001215
				PRCTV FTWR-2 EMPLOYEES	PV	145135	001 00701	407.13	416000001380
				Payment Amount				955.12	
72631	04/05/16	17174	ROTH STAFFING COMPANIES, LP	3/7-3/11/16 E.M.AGUILAR	PV	145071	001 00701	779.22	13254440
				3/14-3/18/16 E.M.AGUILAR	PV	145072	001 00701	759.24	13257361
				Payment Amount				1,538.46	
72632	04/05/16	8212	STANSBERRY'S WELDING	ALUM PMP COUPLG GUARD RPR	PV	145143	001 00701	610.00	2137
				Payment Amount				610.00	
72633	04/05/16	3003	U.S. POSTAL SERVICE (HASLER)	PRE-PD PSTG#239843	PV	145200	001 00701	5,000.00	239843/040516
				Payment Amount				5,000.00	
72634	04/05/16	19038	VALVE AUTOMATION & CONTROLS	MULTI SVC PACKG MATL	PV	145067	001 00701	669.26	1682982
				Payment Amount				5,000.00	
72635	04/05/16	2436	VINCE BARNES AUTOMOTIVE	FREIGHT Payment Amount VEH#896 BRK&OIL SVC VEH#874 BRK&OIL SVC VEH#901 ENGN OIL&FLTRS	PV	145067	002 00701	10.47	1682982
				Payment Amount				679.73	
				VEH#896 BRK&OIL SVC VEH#874 BRK&OIL SVC VEH#901 ENGN OIL&FLTRS	PV	145077	001 00701	371.04	021398
				VEH#874 BRK&OIL SVC VEH#901 ENGN OIL&FLTRS	PV	145078	001 00701	351.72	021417
				VEH#901 ENGN OIL&FLTRS	PV	145079	001 00701	72.65	021416
				Payment Amount				795.41	
72636	04/05/16	3025	WATER & SANITATION SRV./VENTURA COUNTY	PURCH WTR 2/16-3/15/16	PV	145203	001 00101	16,145.11	1239889

Batch Number - 243909

Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Itm	Co	Amount	Invoice Number
72637	04/05/16	8510	WORK BOOT WAREHOUSE		PV	145130	001	00701	225.00	2-22351
									16,145.11	
				Payment Amount						
				PRCTV						
				FTWR-D.JOHNSO						
				N						
				PRCTV						
				FTWR-D.BOCKEL						
				MAN						
				PRCTV						
				FTWR-D.BOCKEL						
				MAN						
				Payment Amount					450.00	
				Total Amount of Payments Written					124,636.99	
				Total Number of Payments Written					33	

Batch Number - 243915

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Item	Co	Amount	Invoice Number
72638	04/12/16	2317	ACORN NEWSPAPER	LEGALAD-2014 SIG NONCPLINC	PV	145112	001	00701	96.00	M-0576
72639	04/12/16	8680	ADS, LLC	LEGALAD-INT TO AMND CNFLCT Payment Amount MAR'16 FLW	PV	145218	001	00701	673.15	22085.22-0316
72640	04/12/16	19993	ALEXANDER'S CONTRACT SERVICES, INC.	MNTRG MAR'16 FLW MNTRG Payment Amount MTR READING 3/1-3/25/16	PV	145218	002	00701	2,019.45	22085.22-0316
72641	04/12/16	2387	AMERRAY HYDRAULICS CORP	Payment Amount BUSHGS&NPPLS	PV	145165	001	00701	380.04	43597
72642	04/12/16	2397	AQUATIC BIOASSAY & CONSULTING	Payment Amount SPR 2015 BIOASSMT RPT	PV	145096	001	00701	42,501.00	LVS0216.0141
72643	04/12/16	5625	ASSOC. OF WATER AGENCIES OF VENTURA CO	Payment Amount WTRWS BRKFST MTG@3/17	PV	145176	001	00701	100.00	06-8846
72644	04/12/16	7965	B&B PALLET CO.	Payment Amount 55 YDS WOOD CHIPS 55 YDS WOOD CHIPS 55 YDS WOOD CHIPS 55 YDS WOOD CHIPS 55 YDS WOOD CHIPS 55 YDS WOOD CHIPS	PV	145101	001	00701	638.00	114890
					PV	145102	001	00701	638.00	114891
					PV	145103	001	00701	638.00	114892
					PV	145104	001	00701	638.00	114893
					PV	145145	001	00701	638.00	114894
					PV	145146	001	00701	638.00	114895

Batch Number - 243915

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Tr	Document Number	Key	Amount	Invoice Number
						Number	Item Co		
				55 YDS WOOD CHIPS	PV	145147	001 00701	638.00	114896
				55 YDS WOOD CHIPS	PV	145148	001 00701	638.00	114897
				55 YDS WOOD CHIPS	PV	145149	001 00701	638.00	114908
				55 YDS WOOD CHIPS	PV	145225	001 00701	638.00	114907
				55 YDS WOOD CHIPS	PV	145226	001 00701	638.00	114909
				55 YDS WOOD CHIPS	PV	145227	001 00701	638.00	114910
				55 YDS WOOD CHIPS	PV	145228	001 00701	638.00	114911
72645	04/12/16	18971	BDP INDUSTRIES INC.	Payment Amount RLV/AGITATOR FRAME	PV	145100	001 00701	38,700.00	7906
							8,294.00		
72646	04/12/16	18071	BLUE DIAMOND MATERIALS	Payment Amount 2.98 TN PAVG MATL	PV	145234	001 00701	266.37	668956
				3.89 TN PAVG MATL	PV	145235	001 00701	342.48	670414
				2.99 TN PAVG MATL	PV	145236	001 00701	267.26	670901
72647	04/12/16	3385	C.A.RASMUSSEN INC.	Payment Amount RFND BAL - CLOSED A/C	PV	145084	001 00101	644.42	9998442
				Payment Amount RESPS,MASKS&C ARTGS	PV	145166	001 00701	1,428.78	349370-1
				Payment Amount RFND BAL - CLOSED A/C	PV	145085	001 00101	198.58	09998627
72648	04/12/16	5405	CALOLYMPIC SAFETY	Payment Amount 7/8-12/16/15 ENCR PRMTS	PV	145107	001 00101	3,486.00	201603150594
				7/8-12/16/15 ENCR PRMTS	PV	145107	002 00101	498.00	201603150594
				7/8-12/16/15 ENCR PRMTS	PV	145107	003 00101	322.00	201603150594

Batch Number - 243915
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Key	Amount	Invoice Number
							Item	Co		
72651	04/12/16	18933	DAVIS WHOLESALE ELECTRIC, INC.	ENCR PRMTS Payment Amount SCADA SOFTWARE	PV	145097	001	00701	4,306.00 3,812.28	1021-420679
72652	04/12/16	17281	DOCTOR DIESEL	SCADA SOFTWARE Payment Amount QTRLY MNT EMG FUEL STG QTRLY MNT EMG FUEL STG QTRLY MNT EMG FUEL STG QTRLY MNT EMG FUEL STG	PV	145097	002	00701	3,812.28 7,624.56 370.17 370.18 1,110.54 740.36	1021-420679 16-046 16-046 16-046 16-046
72653	04/12/16	20319	JAMES FOX	Payment Amount RFND BAL - CLOSED A/C	PV	145088	001	00101	2,591.25 92.52	063827
72654	04/12/16	19088	FRITTS FORD	Payment Amount VEH#916 F250-9605 VEH#914 F250-9609 VEH#915 F250-9607	PV	145153	001	00701	31,929.40 31,929.40 32,910.40	61386 61397 61415
72655	04/12/16	2691	GIERLICH-MITC HELL, INC.	Payment Amount DRV SHFT&SEAL KIT TRQ LMTR&SPKT FREIGHT	PV	145161	001	00701	96,769.20 2,476.87 11,314.85 144.98	GC 14608 GC 14608 GC 14608
72656	04/12/16	2701	GRAINGER, INC.	Alt Payee 8003 GIERLICH-MITCHELL, INC. 10533 PROGRESS WAY, SUITE A CYPRESS CA 90630 Payment Amount AEROSOL&MRKG PAINT CRD CAPS,SS TBG&BLDS	PV	145105	001	00701	13,936.70 440.67 383.58	9055930268 9048665377

Batch Number - 243915

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
			Alt Payee							
		5453	GRAINGER, INC. DEPT 805178142 PALATINE IL 60038-0001							
72657	04/12/16	18594	HAROLD BECK & SONS, INC	JOB BOX 1.5 HP MOTOR ADPTRS,COUPLG S,TEES,CAPS PSSR REGS&CLAMPS	PV	145108	001 00701	001 00701	685.48	9051690395
				Payment Amount					2,783.50	
				11-369 MODL ACTUATR 11-209 MODL ACTUATR	PV	145151	001 00701	001 00701	6,123.62	305814
72658	04/12/16	20314	GEORGE S. HOFFMAN	TURF RMVL REBATE	PV	145115	001 00701	001 00701	336.00	480412
				Payment Amount					12,076.11	
72659	04/12/16	16809	ICTUS CONSULTING, LLC	FEB'16 RCDS MGMT	PV	145163	001 00701	001 00701	3,185.00	LVMWD-201602
				Payment Amount					336.00	
72660	04/12/16	3083	JCI JONES CHEMICALS, INC	4,229 GAL BISULFITE	PV	145219	001 00701	001 00701	5,624.57	684932
				Payment Amount					3,185.00	
			Alt Payee							
			JCI JONES CHEMICALS, INC P.O. BOX 636877 CINCINNATI OH 45263-6877							
72661	04/12/16	20320	THOMAS JOHNS	RFND BAL - CLOSED A/C	PV	145089	001 00101	001 00101	33.75	061930
				Payment Amount					5,624.57	
72662	04/12/16	20321	RUTH KURZWEIL	RFND BAL - CLOSED A/C	PV	145090	001 00101	001 00101	49.32	029680
				Payment Amount					33.75	
72663	04/12/16	19054	L. NEWMAN DESIGN GROUP, INC.	5 MG TNK LANDSCP SRV	PV	145243	001 00701	001 00701	885.00	127203
				Payment Amount					49.32	
72664	04/12/16	3352	LAS VIRGENES	2/24-3/22/16	PV	145181	001 00101	001 00101	47.47	0896/033016
				Payment Amount					885.00	

Batch Number - 243915

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	TY	Document Number	Key Item	Co	Amount	Invoice Number
			MUNICIPAL WATER DISTRICT	EQUESTRN TNK						
				2/25-3/25/16 WLK FLT	PV	145182	001	00101	307.13	0907/033016
				2/25-3/25/16 WLK FLT	PV	145183	001	00101	234.86	0909/033016
				Payment Amount				589.46		
72665	04/12/16	3164	LEMIEUX & O'NEILL	RETAINER-MAR'16	PV	145213	001	00701	7,000.00	140-999M/0316
				PROF	PV	145214	001	00701	1,516.19	140M/0316
				SRV-MAR'16	PV	145214	002	00701	8,241.28	140M/0316
				PROF	PV	145214	003	00701	952.20	140M/0316
				SRV-MAR'16				17,809.67		
72666	04/12/16	2793	LISTER RENTS, INC.	MLC-18 MATL LIFT	PV	145098	001	00701	2,435.06	95801.1.4
				MLC-18 MATL LIFT	PV	145098	002	00701	80.00	95801.1.4
				Payment Amount				2,515.06		
72667	04/12/16	2610	LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS	SRV CUT PRMTS(2)-FEB'16	PV	145215	001	00701	984.00	IN160000939
				Payment Amount				984.00		
72668	04/12/16	19528	LOS ANGELES ENGINEERING, INC.	RFND BAL - CLOSED A/C	PV	145087	001	00101	909.08	9998517
				Payment Amount				909.08		
72669	04/12/16	19026	MNS ENGINEERS, INC.	FEB'16 CHNNL MXNG IMPRVMTS	PV	145233	001	00701	815.00	66677
				Payment Amount				815.00		
72670	04/12/16	20330	MOULTON NIGUEL WATER DISTRICT	CA DATA COLLB AGR PH 1	PV	145216	001	00701	25,000.00	661226
				Payment Amount				25,000.00		
72671	04/12/16	18940	MP PRINTING & MAILING	100,000 #10 BILLG ENVLPS	PV	145171	001	00701	3,570.84	60586
				Payment Amount				3,570.84		

Las Virgenes Municipal Water
 A/P Auto Payment Register

Batch Number - 243915
 Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	TY	Document Number	Key Item	Key Co	Amount	Invoice Number
				1,000 NOTECRDS/ENVL	PV	145172	001	00701	727.64	60591
				PS						
				PSTG-EDDM	PV	145241	001	00701	7,358.98	60770
				RES/BUSNS						
				SATRTN						
				SORTG&DELVRY-	PV	145242	001	00701	1,556.39	60795
				EDDM LIST						
				Payment Amount				13,213.85		
72672	04/12/16	8065	MWHAMERICAS, INC	RW STRG	PV	145156	001	00701	61,186.00	1708759
				STD-DSN 2/16						
				RWENCINO RSV	PV	145157	001	00701	10,788.00	1708759.1
				STY 2/16						
				Payment Amount				71,974.00		
72673	04/12/16	20322	OCTOBER SKY LLC	RFND BAL -	PV	145091	001	00101	283.35	071583
				CLOSED A/C						
				Payment Amount				283.35		
72674	04/12/16	17229	OMEGA ENGINEERING, INC.	2 STRAIN	PV	145167	001	00701	872.00	A94736
				GAUGE METERS						
				FREIGHT	PV	145167	002	00701	10.00	A94736
				Payment Amount				882.00		
72675	04/12/16	20328	JAMES D. PASSANTINO	TURF RMVL	PV	145180	001	00101	4,396.00	1080856
				REBATE						
				Payment Amount				4,396.00		
72676	04/12/16	8418	PERMACOLOR, INC.	POWDR COAT 48	PV	145159	001	00701	1,668.00	2766881
				FLAT BARS						
				Payment Amount				1,668.00		
72677	04/12/16	19140	POTABLE DIVERS INC.	ANNL RW TKN	PV	145220	001	00701	7,100.00	032216
				INSPCTN						
				ANNL TKN	PV	145221	001	00701	6,800.00	032216-1
				INSPCTN						
				Payment Amount				13,900.00		
72678	04/12/16	8484	PRAXAIR DISTRIBUTION, INC	MAR'16 CYLNDR	PV	145170	001	00701	129.46	54974361
				RNTL						
				Alt Payee						
				8898 PRAXAIR DISTRIBUTION INC.						
				DEPT. LA 21511						
				PASADENA CA 91185-1511						
				Payment Amount				129.46		

Batch Number - 243915

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
72679	04/12/16	13645	PSOMAS	FEB'16 STNDBY CHG&DEF PRGRM	PV	145160	001	00701	600.00	116410
72680	04/12/16	2907	RED WING SHOE STORE	Payment Amount PRTCTV FTWR-J.MARTIN EZ	PV	145164	001	00701	225.00	1310000016541
72681	04/12/16	16859	RMC WATER AND ENVIRONMENT	Payment Amount 1/30--2/26/16 WDLND HLLS RW	PV	145168	001	00701	41,281.97	21593
72682	04/12/16	20325	HERBERT ROSENKRANTZ	Payment Amount 1/30--2/26/16 SEAS STRG TURF RMVL REBATE	PV	145169	001	00701	5,442.58	21591
72683	04/12/16	2926	SCAP	Payment Amount MEMBERSHIP FY16-17	PV	145178	001	00701	5,200.00	200375
72684	04/12/16	20323	CATHY SCHNEIDER	Payment Amount RFND BAL - CLOSED A/C	PV	145092	001	00101	7,585.00	16/17-53
72685	04/12/16	20329	SHARLEEN CHWARTZ	Payment Amount TURF RMVL REBATE	PV	145179	001	00101	89.72	017329
72686	04/12/16	16120	SOIL CONTROL LAB	Payment Amount FINISHED COMPOST PKG	PV	145175	001	00751	3,484.00	850082
72687	04/12/16	20324	ARLENE SPIEGELMAN	Payment Amount RFND BAL - CLOSED A/C	PV	145093	001	00101	349.00	6030111
72688	04/12/16	2959	STATE WATER RESOURCES CONTROL BOARD	Payment Amount WLK-WELL#2 EXTRCT'15	PV	145230	001	00751	52.14	066784
72689	04/12/16	14479	STEPHEN'S VIDEO PRODUCTIONS	Payment Amount MAR'16 LV BRD MTG VID RCRD MAR'16 JPA BRD MTG VID	PV	145094	001	00701	50.00	G193442/15
					PV	145231	001	00751	50.00	G193441/15
					PV	145095	001	00751	1,090.00	3-23-16
					PV	145095	001	00751	1,090.00	3-22-16

Batch Number - 243915

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
72680	04/12/16	4595	THE COPY DEPARTMENT	RCRD Payment Amount COPY-1235'	PV	145237	001	00701	2,180.00 117.97	1486517
72691	04/12/16	17325	THEODORE PAYNE FOUNDATION	Payment Amount "PERFCT PARTNRS" CLASS@3/18/16	PV	145177	001	00101	500.00	031616
72692	04/12/16	20326	ERIC TOEG	Payment Amount TURF RMVL REBATE	PV	145117	001	00101	500.00 6,000.00	160190
72693	04/12/16	17645	TORO ENTERPRISES INC.	Payment Amount RPR BROOKS DR-MAIN BRK	PV	145224	001	00701	6,000.00 15,705.00	9843
72694	04/12/16	18608	MARK TRAMO	Payment Amount RFND BAL - CLOSED A/C	PV	145086	001	00101	15,705.00 106.66	070250
72695	04/12/16	3011	UNITED SPECIALTIES	Payment Amount 4 CS CITRUS SOLVENT	PV	145174	001	00701	106.66 915.38	83158
72696	04/12/16	13326	VILLA ESPERANZA SERVICES	Payment Amount MAR'16 LANDSCAPE SRV	PV	145217	001	00701	915.38 1,293.71	LVMWD 2016-4
72697	04/12/16	3034	VORTEX INDUSTRIES	MAR'16 LANDSCAPE SRV MAR'16 LANDSCAPE SRV Payment Amount RPR ROLLG DOOR#8@RLV	PV	145217	002	00701	3,592.51 5,550.00 3,124.00	LVMWD 2016-4 LVMWD 2016-4 01-1003902-1
72698	04/12/16	19665	W. LITTEN INC.	Payment Amount 3/6--3/12/16 SRV@RLV 3/13--3/19/16 SRV@RLV	PV	145184	001	00701	3,124.00 3,456.90 3,461.00	11065 11067
72699	04/12/16	18914	WECK LABORATORIES, INC.	Payment Amount LAB SRV@RLV CROP FIELD	PV	145187	001	00701	6,917.90 124.00	W6C0869-LV



Batch Number - 243915
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Lim	Co	Key	Amount	Invoice Number
				LAB SRV@FAST	PV	145188	001	00701		542.00	W6C0887-LV
				WTR CT							
				LAB SRV@RLV	PV	145189	001	00701		546.00	W6C0687-LV
				GRNDWTR QTLY							
				LAB SRV@TAPIA	PV	145190	001	00701		640.00	W6C0582-LV
				INFLNT							
				LAB SRV@TAPIA	PV	145191	001	00701		97.50	W6C1242-LV
				PRCSS CTL							
				LAB SRV@RLV	PV	145192	001	00701		150.00	W6C1345-LV
				CROP							
				LAB SRV@RLV	PV	145193	001	00701		150.00	W6C1344-LV
				CROP							
				LAB SRV@WSTLK	PV	145194	001	00701		39.00	W6C1476-LV
				LAB SRV@TAPIA	PV	145195	001	00701		290.00	W6C1477-LV
				LAB	PV	145196	001	00701		25.00	W6C1637-LV
				SRV@DIONIZD							
				WTR							
				LAB SRV@TAPIA	PV	145197	001	00701		7.00	W6C1829-LV
				GRNDWTR							
				Payment Amount						2,610.50	
72700	04/12/16	20316	ALICIA WEINTRAUB	TURF RMVL	PV	145114	001	00101		4,604.00	250769
				REBATE							
				Payment Amount						4,604.00	
72701	04/12/16	3047	WESCO DISTRIBUTION, INC.	CABLE TIES	PV	145238	001	00701		377.66	533915
				CABLE TIES							
				CABLE TIE	PV	145239	001	00701		27.52	535130
				MOUNTS	PV	145240	001	00701		190.88	535601
				Payment Amount						596.06	
				A/C PM	PV	145222	001	00701		395.00	S73267
72702	04/12/16	3048	WEST COAST AIR CONDITIONING	SRV@BLDG#7&8							
				BLDG#7 WTR	PV	145223	001	00701		1,375.00	S73008
				COOLR CONDNSR SRV							
				Payment Amount						1,770.00	

Batch Number - 243915

Bank Account - 00146807 Cash-General

Las Virgenes Municipal Water
A/P Auto Payment Register

Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document . . .	Key Item	Co	Amount	Invoice Number
Total Amount of Payments Written										530,853.01
Total Number of Payments Written										65



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

MINUTES
REGULAR MEETING

5:00 PM

March 22, 2016

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by David Lippman.

1. CALL TO ORDER AND ROLL CALL

The meeting was called to order at **5:00 p.m.** by Board President Peterson in the Board Room at Las Virgenes Municipal Water District headquarters at 4232 Las Virgenes Road, Calabasas CA 91302. Josie Guzman, Clerk of the Board, conducted the roll call.

Present: Directors Charles Caspary, Leonard Polan, Lee Renger, and Glen Peterson

Absent: Jay Lewitt

Staff Present: David Lippman, Director of Facilities and Operations
Donald Patterson, Director of Finance and Administration
Carlos Reyes, Director of Resource Conservation and Public Outreach
Josie Guzman, Clerk of the Board
Keith Lemieux, District Counsel

2. APPROVAL OF AGENDA

Director of Facilities and Operations David Lippman stated there was no update for Closed Session Item 13A, and he recommended that it be removed from the agenda.

Director Renger moved to approve the agenda as amended. Motion seconded by Director Polan. Motion carried by the following vote:

AYES: Caspary, Peterson, Polan, Renger
NOES: None
ABSENT: Lewitt

3. PUBLIC COMMENTS

None.

4. CONSENT CALENDAR

A List of Demands: March 22, 2016 - Approve

B Minutes: Regular Meeting of March 8, 2016 - Approve

C Cash and Investment Report for February 2016

Receive and file the Cash and Investment Report for February 2016

D Annual Supply and Delivery of Ammonium Hydroxide: Request for Bids

Authorize the General Manager to issue a change order to Argo Chemical, Inc., in the amount of \$10,200, for two additional deliveries of ammonium hydroxide and approve the issuance of a Request for Bids for the annual supply and delivery of ammonium hydroxide.

E Bioassessment Monitoring Report: Approval of Purchase Order

Authorize the General Manager to approve a purchase order to Aquatic Bioassay Consulting Laboratories, Inc., in the amount of \$42,501, for the 2015 bioassessment monitoring report.

Director Caspary moved to approve the Consent Calendar as presented. Motion seconded by Director Renger. Motion carried by the following vote:

AYES: Caspary, Peterson, Polan, Renger
NOES: None
ABSENT: Lewitt

5. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A Legislative and Regulatory Updates

Public Affairs and Communications Manager Jeff Reinhardt reported that the District received a request from Metropolitan Water District (MWD) to join in a letter of support for AB 2488, which would allow reconstruction of the Foothill Feeder without violating the Endangered Species Act. He noted that the deadline to submit the letter is March 23, 2016. Board President Peterson stated that MWD is planning on making repairs to

the Foothill Feeder, and the bill would protect endangered fish species during dewatering activities. He directed staff to proceed with joining the letter of support.

Board President Peterson expressed concern with a proposed trailer bill related to making the State Water Resources Control Board's powers permanent. He noted the ACWA State Legislative Committee was also concerned regarding this trailer bill, and he asked staff to bring back additional information.

B Water Supply Conditions and Drought Response

Director of Facilities and Operations David Lippman reported there has been much rain and snow in Northern California, snow pack levels were at or slightly above normal, and the Department of Water Resources is considering releasing some water from the Oroville Reservoir in order to make room for flood control. He also reported that last week the State Water Project allocation was increased from 30 percent to 45 percent, and the Central Valley Project received a 30 percent allocation. He noted that Southern California has not received as much rain as predicted, and El Niño conditions were weakening, which could transition in the spring or summer to La Niña conditions.

C Fiscal Years 2016-18 Key Budget Plan Drivers and Assumptions

Finance Manager Mark Uribe provided a PowerPoint presentation and responded to questions related to the funding ratio for Other Post-Employment Benefits (OPEB) for retirees. He noted that the Preliminary Budget presentation is scheduled for April 18, 2016, and the Fiscal Year 2016-17 Budget adoption is scheduled for May 24, 2016.

D Automatic Meter Reading/Advanced Metering Infrastructure (AMR/AMI) Update

Director of Finance and Administration Donald Patterson provided a PowerPoint presentation. He noted that the 2015 Potable Water Cost of Service Analysis and Rate Study for the AMR/AMI Project estimated project funding in the amount of \$4,875,000; however, the 2016/17 Infrastructure Investment Plan (IIP) estimated project funding in the amount of \$9,404,855. He reviewed the various financing options, including State Revolving Fund, bank loans, multi-year implementation, and a bond issuance. He recommended the Board pursue the State Revolving Fund as a financing option due to the lower interest rate and the potential for \$2.5 million in principal forgiveness. He stated that if the District were to pay \$1.2 million annually over eight years, the total amount of interest would be \$746,673, and the \$2.5 million principal forgiveness would exceed the amount of interest paid, resulting in approximately \$1.7 million in savings. He reviewed the project schedule, which includes completing the State Revolving Fund process, releasing a Request for Proposals in December 2016, awarding the project in 2017, and beginning the nine-month project deployment.

Director Caspary inquired regarding the potable water customer penetration rate. Director of Facilities and Operations David Lippman responded that the District would be close to 100 percent penetration rate with only a few areas that would remain as drive-by meter reading. He noted that the previous IIP schedule may have assumed that the

existing meter system would stay in place and could be salvaged; however, this was no longer the case. Director Caspary inquired whether the District could build in a high cost recovery for the water meters that might have more than scrap value. Director of Finance and Administration Donald Patterson responded that staff could look into selling functional meters to other agencies.

Director Renger inquired regarding potential annual cost savings with the elimination of manual meter reading. Director of Finance and Administration responded there would be cost savings for the District's contracted meter reading service, which is currently \$200,000 annually.

Board President Peterson inquired regarding the availability of Proposition 1 funds. Director of Finance and Administration Donald Patterson responded that this type of funding source had not yet been identified; however, staff would look into this and other grant programs. He noted that he and General Manager David Pedersen had spoken with staff from the State Board regarding the possibility of principal forgiveness and a positive response was received; however, it is not guaranteed.

Director Polan inquired whether there was a mean time between failures for the meters. Director of Finance and Administration Patterson responded that the AMR would have an expected life of 15 to 20 years. Director of Facilities and Operations added that the meters would have at least a ten-year life expectancy. Director Polan inquired whether this needed to be factored into the budget. Director of Finance and Administration Donald Patterson responded that phasing in of replacement meters would be included in future IIPs.

The Board was supportive of staff pursuing a loan from the State Revolving Fund for the AMR/AMI Project.

6. TREASURER

No Treasurer's report was given.

7. FACILITIES AND OPERATIONS

A Backbone Improvements Program Westlake Filtration Plant Expansion and Pump Station Upgrade Project: Award of Testing, Reporting and Permitting Services

Accept the proposal from HDR Engineering, Inc.; and authorize the General Manager to execute a Professional Services Agreement, in the amount of \$35,900, and increase the base contract amount by up to \$10,000, if the State Water Resources Control Board, Division of Drinking Water requires additional testing beyond that included in the scope of work.

Director of Facilities and Operations David Lippman presented the report.

Director Caspary moved to approve Item 7A as presented. Motion seconded by Director Renger.

Director of Facilities and Operations David Lippman responded to a question related to frequency of testing by stating that a tracer study had not been done since the 1990's; however, a tracer study is required when a new plant is built or when significant modifications are made. He also noted that regular testing is done at the reservoir.

Motion carried by the following vote:

AYES: Caspary, Peterson, Polan, Renger

NOES: None

ABSENT: Lewitt

8. FINANCE AND ADMINISTRATION

A Telecommunications Network Upgrade: Headquarters, Tapia, Rancho, and Westlake

Accept the quote from ACC Business and authorize the General Manager to execute a two-year multi-service agreement, in the amount of \$93,000, to upgrade the telecommunication links between Headquarters, Tapia, Rancho, and Westlake facilities.

Director of Facilities and Operations David Lippman presented the report.

Director Caspary moved to approve Item 8A as presented. Motion seconded by Director Renger.

Director of Finance and Administration Donald Patterson responded to a question regarding other telecommunication carriers who provide this type service by stating that other carriers have fiber optic technology; however, they do not have infrastructure to connect the District's facilities.

Motion carried by the following vote:

AYES: Caspary, Peterson, Polan, Renger

NOES: None

ABSENT: Lewitt

9. INFORMATION ITEMS

A MWD Shutdown for Urgent Repairs to Sepulveda Feeder

Board President Peterson noted that emergency repairs were needed in the pre-stressed concrete cylinder pipe (PCCP) at the Van Nuys Airport, and several shutdowns are expected in order to make repairs to the Sepulveda Feeder.

10. NON-ACTION ITEMS

A Organization Reports

(1) MWD Representative Report

Board President Peterson reported that he attended a meeting at MWD earlier in the day where there was discussion regarding treated water surcharges. He noted that Las Virgenes Municipal Water District could potentially see a savings of up to \$1.5 million. He also noted the MWD Board expects to adopt the final budget in April.

(2) Other

B Director's Reports on Outside Meetings

Director Polan reported he attended the Association of Water Agencies of Ventura County WaterWise Breakfast meeting on March 17, 2016, where a presentation was made regarding Calleguas Municipal Water District's Salinity Management Pipeline.

C General Manager Reports

(1) General Business

Director of Facilities and Operations David Lippman wished everyone a Happy World Water Day, which was established by the United Nations. He also noted that today the White House held its first Water Summit, which was attended by academics, politicians, and water experts to discuss solutions for water issues. He reported that staff attended the Los Angeles Regional Water Quality Control Board's (Regional Board) CEQA scoping meeting on March 17, 2016, for the 2003 and 2013 TMDL Implementation Plan for the Malibu Creek Watershed. He noted that Regional Board staff acknowledged Las Virgenes' proposed five-year plan for implementing summer-time limits based on the 2013 TMDL, and the 15-year horizon for implementing winter-time compliance with either Scenario 4 or 5 from the Recycled Water Seasonal Storage Plan of Action. He stated that the Regional Board would prepare an economic analysis and conduct another public meeting in a few months. He reminded the Board that a Special Board meeting is scheduled for April 18, 2016, from 9:00 a.m. to 3:00 p.m., for the budget presentation and strategic plan update. He noted that copies of the press release and the advertisement regarding additional water conservation measures during the MWD shutdown in April were provided to the Board.

Director Caspary referred to the CEQA scoping meeting and noted that he had forwarded an article regarding the Rocky Intertidal Surf Zone and how the lack of nutrients in some areas was causing the food chain to be adversely impacted. He inquired whether staff had the opportunity to raise any issues at the scoping meeting. Director of Facilities and Operations David Lippman stated that the scoping meeting only dealt with potential environmental impacts for the TMDL and the implementation plan.

Director Polan inquired whether there would be impacts to the NPDES permit issuance schedule. Director of Facilities and Operations David Lippman responded that there would be delays to the schedule until the implementation plan is completed; however, the existing NPDES permit would stay in force.

(2) Follow-Up Items

D Directors' Comments

Director Polan noted that he read the book The Big Thirst, which included reference to a water shortage in Tumberumba, Australia, their efforts to implement a program to convert wastewater into potable water without the public's knowledge, and the lack of water security. He stated it was an eye-opener for him, and he suggested the Board be aware of water security.

11. FUTURE AGENDA ITEMS

Director Caspary mentioned that he attended a Ventura County Planning Commission Meeting where they discussed the possibility of establishing joint powers authorities with groundwater management agencies in Ventura County. He suggested the Board take this into consideration as a solution for the City of Thousand Oaks' interest in groundwater. Board President Peterson suggested discussing this matter at a Las Virgenes – Triunfo Joint Powers Authority meeting.

12. PUBLIC COMMENTS

None.

13. CLOSED SESSION (This item was removed from the agenda.)

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 and Heal the Bay, Inc. v. Lisa P. Jackson (TMDL cases)
2. Las Virgenes – Triunfo Joint Powers Authority v. United States Environmental Protection Agency (FOIA case)

14. OPEN SESSION AND ADJOURNMENT

Seeing no further business to come before the Board, the meeting was duly adjourned at **5:57 p.m.**

GLEN PETERSON, President
Board of Directors
Las Virgenes Municipal Water District

ATTEST:

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

(SEAL)

April 1, 2016

To: Payroll

From: David W. Pedersen
General Manager

RE: Per Diem Request – March 2016

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	5	\$200.00	\$1,000.00
Jay Lewitt	4	\$200.00	\$800.00
Glen Peterson LVMWD* – 5 MWD** – 4	9	\$200.00	\$1,800.00
Leonard Polan	5	\$200.00	\$1,000.00
Lee Renger	4	\$200.00	\$800.00

*LVMWD Code Section 2-2.106(a): “not exceeding a total of ten (10) days in any calendar month”

**LVMWD Code Section 2-2.106(b): MWD director “not exceeding a total of (10) days in any calendar month.”

LAS VIRGENES MUNICIPAL WATER DISTRICT - PER DIEM REPORT



Date(s)	# of Days Claimed	Reimbursible Expenses ²		Check One		Event Title
		Travel 1	Total	MWD	LVMWD	
3/7/2016	1		1			JPA BOARD MEETING
3/8/2016	1		1		X	LVMWD BOARD MEETING
3/15/2016	1		1		X	SEASONAL STORAGE WORKSHOP
3/22/2016	1		1		X	LVMWD BOARD MEETING
TOTAL			4			

To: Dave Pedersen
 Director's Name:
 Month of March, 2016
 Division: 3
 Lee Renger

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

Date Submitted: 3/28/2016
 Director Signature: Lee Renger

NOTES: 1. Travel the day before and/or after an authorized meeting or seminar outside of LA, Ventura and Orange Counties may be paid in accordance with Board Policy. 2. Attach completed Statement of Account and Claim for Personally Incurred Expenses form.



April 12, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Pressure Regulator Request for Bids and Meter Parts and Fittings Contract Increase

SUMMARY:

The District started its current Pressure Regulator Inspection and Replacement Program in Fiscal Year 2013-14. The program consists of conducting annual inspections of pressure regulators and replacing those that are failing and aged (10+ years old). It is anticipated that up to 500 pressure regulators will be replaced in Fiscal Year 2016-17. A Request for Bids is needed to ensure that the District can maintain acceptable inventory levels for pressure regulators, obtain the most competitive pricing and comply with the purchasing policies. Staff proposes an initial 13-month contract with four one-year renewal options for the successful bidder.

When a pressure regulator is installed, the corresponding meter valves and couplings are required to complete the installation properly. The District currently has an annual contract with Famcon Pipe and Supply, Inc., in the amount of \$49,373.53, to purchase the required meter parts and fittings. An increase of approximately \$25,000, to an annual amount of \$75,000, is required for the contract for the parts needed to support the replacement of the 500 pressure regulators. Staff recommends that the General Manager be authorized to increase the contract amount.

RECOMMENDATION(S):

Approve a Request for Bids for pressure regulators and authorize the General Manager to increase annual contract amount, and subsequent renewal option, with Famcon Pipe and Supply, Inc. for the purchase of Ford meter parts and fittings to \$75,000.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

There is no financial impact associated with issuing a Request for Bids for pressure regulators. The additional cost of the contract with Famcon Pipe and Supply, Inc. for the meter parts and fittings is approximately \$25,000. Sufficient funds for the work are available in the adopted Fiscal Year 2015-16 Budget and will be proposed in future year budgets.

DISCUSSION:

The Pressure Regulator Inspection and Replacement Program was implemented in Fiscal Year 2013-14. However, higher priority maintenance items have delayed the overall completion of the program. Staff proposes to refocus attention on the program in Fiscal Year 2016-17. All items purchased will become part of District warehouse inventory; the actual costs will be expensed as the items are utilized. The Request for Bids for the pressure regulators is expected to be released in April with a recommendation to the Board for award of a contract in May or June.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Gretchen Bullock, Purchasing Supervisor

ATTACHMENTS:

Pressure Regulators Bid Notice

NOTICE INVITING SEALED PROPOSALS (BIDS)
**FOR ANNUAL SUPPLY AND DELIVERY OF
PRESSURE REGULATORS
FOR
LAS VIRGENES MUNICIPAL WATER DISTRICT**

NOTICE IS HEREBY GIVEN that the Board of Directors of Las Virgenes Municipal Water District invites and will receive sealed proposals (bids) up to the hour of **2:00 P.M. on Wednesday, May 4, 2016** for the purchase and delivery of an annual supply of Pressure Regulators. Bids received after the time stated in the Request for Bids will not be accepted and will be returned, unopened, to the bidder. The time shall be determined by the time on the receptionist telephone console in our Headquarters lobby. Proposals will be publicly opened and read aloud at the office of the District, 4232 Las Virgenes Road, Calabasas, California.

Said bids shall conform to and be responsive to the Instructions to Bidders, Specifications, and Bid Documents for said work as heretofore approved by the District. District contact for information regarding this bid is the District Purchasing Supervisor, Gretchen Bullock, CPPB, gbullock@lvmwd.com, 818-251-2115.

Each bid must be on the original District bid form and shall be sealed and filed with the District at or before the time stated in this Notice.

All terms and conditions contained in the Instruction to Bidders, Specifications, and Bid Documents shall become part of the contract. The Board of Directors of Las Virgenes Municipal Water District reserves the right to reject any and all bids and to waive any and all irregularities in any bid. No bidder may withdraw their bid after the said time for bid openings until 90 days thereafter or until the District has made a final award to the successful bidder or has rejected all bids, whichever event first occurs.

The Board of Directors of the District reserves the right to select the schedule(s) under which the bids are compared and contract(s) are awarded.

**BY ORDER OF THE BOARD OF DIRECTORS OF
LAS VIRGENES MUNICIPAL WATER DISTRICT**

Dated: April 12, 2016



Charles P. Caspary
Secretary of the Board
LAS VIRGENES MUNICIPAL WATER DISTRICT



April 12, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : 18-Inch Recycled Water Pipeline Joint Bonding Repair Project: Call for Bids

SUMMARY:

The Las Virgenes-Triunfo Joint Powers Authority (JPA) approved funding for this matter in the JPA Budget. This recommendation is before the LVMWD Board for action, as Administering Agent of the JPA, as authorized in the JPA Agreement.

HDR, Inc. completed the design of joint bonding repairs for the galvanic cathodic protection system on the 18-inch recycled water pipeline between Camp David Gonzales and Las Virgenes Road. The project is part of a multi-phase effort to control corrosion along the pipeline between the Tapia Water Reclamation Facility and Mulholland Highway. Staff recommends issuance of a Call for Bids for the project.

RECOMMENDATION(S):

Authorize a Call for Bids for the 18-Inch Recycled Water Pipeline Joint Bonding Repair Project.

FISCAL IMPACT:

No

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

There is no financial impact associated with a Call for Bids.

DISCUSSION:

The project is part of a multi-phase effort to rehabilitate and control corrosion along the 18-inch recycled water pipeline between the Tapia Water Reclamation Facility (Tapia) and Mulholland Highway. Construction of the first phase, which involved installation of a galvanic cathodic protection system and 40-feet of pipe replacement between Tapia and Camp David Gonzales, was completed in May 2013. Upon completion of construction, testing was performed of the newly-installed cathodic protection system and electrically discontinuous pipe spans were detected.

On July 7, 2014, the JPA Board approved a proposal from Harper & Associates and HDR/Schiff (HDR) for field testing, evaluation, and design of cathodic protection measures and repairs along the pipeline from Camp David Gonzales to Mulholland Highway. The HDR evaluation concluded that electrical bonds between pipe segments along the driveway between Camp David Gonzales and Las Virgenes Road had failed, preventing the cathodic protection system to function properly. The scope of work for this project is to repair the bonds in at least five locations along the driveway, allowing the cathodic protection system installed in 2013 to be effective. The Engineer's Estimate is \$58,000.

Additionally, the HDR report concluded that there is no cathodic protection system for the portion of the pipeline in Las Virgenes Road between the Camp David Gonzales driveway and Mulholland Highway. The pipeline is likely experiencing corrosion in several locations. This remaining segment of 18-inch recycled water main will be assessed for the possible installation of future cathodic protection measures.

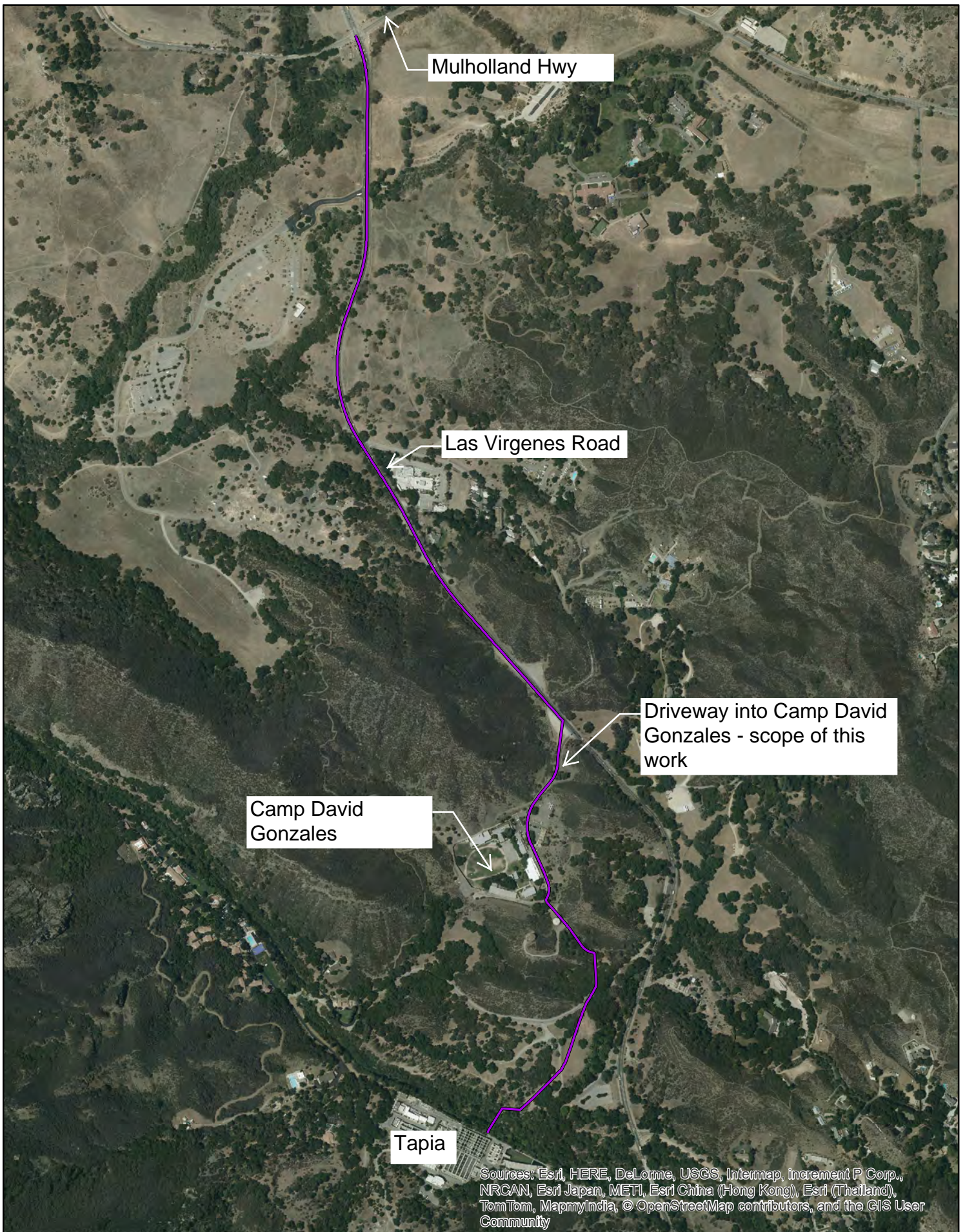
GOALS:

Construct, Manage and Maintain All Facilities and Provide Services to Assure System Reliability and Environmental Compatibility

Prepared by: Eric Maple. P.E., Associate Engineer

ATTACHMENTS:

Map of 18-Inch Recycled Water Pipeline
Notice Inviting Sealed Proposals (Bids)



Mulholland Hwy

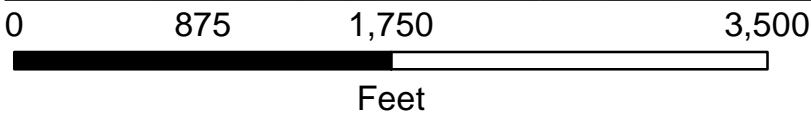
Las Virgenes Road

Driveway into Camp David Gonzales - scope of this work

Camp David Gonzales

Tapia

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



18-inch Recycled Water Main Pipeline (shown in purple)

**NOTICE INVITING SEALED PROPOSALS (BIDS)
18-INCH REW PIPELINE JOINT BONDING REPAIR**

NOTICE IS HEREBY GIVEN that the Board of Directors of Las Virgenes Municipal Water District invites and will receive sealed proposals (bids) up to the hour of 3:00PM on May 17, 2016, for furnishing the work described in the contract documents. Bids received after the time stated in the Call for Bids will not be accepted and will be returned, unopened, to the bidder. The time shall be determined by the time on the receptionist telephone console in our Headquarters lobby. Proposals will be publicly opened and read aloud at the office of the District, 4232 Las Virgenes Road, Calabasas, California 91302. Said bids shall conform to and be responsive to the Specifications and Contract Documents for said work as heretofore approved by the District.

*A **mandatory** pre-bid tour will be conducted at 9:00AM on May 3, 2016. The meeting will begin at the District headquarters at 4232 Las Virgenes Road, Calabasas, CA 91302, then continue to the job site. Attendance at the pre-bid conference is a condition precedent to submittal of the bid and the District will not consider a bid from any bidder not represented at the pre-bid conference. Questions regarding the project may be directed to Project Manager Eric Maple at (818) 251-2147.*

Sets of contract documents may be downloaded for free by going to <http://www.LVMWD.com/Ebidboard> and following the links to this project.

In order to be placed on the plan holder's list, contractors shall register for free as a document holder for this project on Ebidboard by going to www.LVMWD.com/Ebidboard and following the links to this project. Addendum notifications will be issued through Ebidboard.com, but may also be provided by calling the District's Project Manager. Although Ebidboard will fax and/or email all notifications to registered plan holders after the District uploads the information, Bidders are responsible for obtaining all addenda and updated contract documents.

Each bid must be on the District bid form and shall be sealed and filed with the secretary of the District at or before the time stated in the Notice.

No Contractor or Subcontractor may be listed on a bid proposal for a public works project submitted on or after March 1, 2015 unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. No Contractor or Subcontractor may be awarded a contract for public work on a public works project awarded on or after April 1, 2015 unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. Effective January 1, 2016, no Contractor or Subcontractor may perform on a contract for public work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. This project is subject to compliance monitoring and enforcement by the DIR.

All terms and conditions contained in the Specifications and Contract Documents shall become part of the contract. The Board of Directors of Las Virgenes Municipal Water

District reserves the right to reject any and all bids and to waive any and all irregularities in any bid. No bidder may withdraw his bid after the said time for bid openings until 60-days thereafter or until the District has made a final award to the successful bidder or has rejected all bids, whichever event first occurs.

The Board of Directors of the District reserves the right to select the schedule(s) under which the bids are to be compared and contract(s) awarded.

**BY ORDER OF THE GOVERNING BODY OF
LAS VIRGENES MUNICIPAL WATER DISTRICT**

Dated

Charles Caspary
Secretary of the Board



April 12, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: General Manager

Subject : Annual Report: Records Review and Destruction

SUMMARY:

Pursuant to Title 2, Section 2-7.507 of Las Virgenes Municipal Water District Code, the Board Secretary is required to report at least annually, in writing, to the Board at a public meeting concerning District records. A records retention schedule, which was approved by the Board, is maintained by the Executive Assistant/Clerk of the Board, who also serves as Deputy Secretary. In December 2015, the attached list of documents proposed for destruction based on the records retention schedule was presented to the Department Heads, General Manager, District Counsel, and Board Secretary for review and approval. With the exception of the noted records, the records were authorized for destruction pending approval of the Board.

RECOMMENDATION(S):

Authorize the destruction of records except for those noted.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

Sufficient funds for shredding services are available in the adopted Fiscal Year 2015-16 Budget.

DISCUSSION:

In December 2015 and January 2016, the Department Heads and General Manager reviewed

and approved the records eligible for destruction in accordance with the District's records retention schedule. On February 22, 2016, District Counsel completed his review of the records and requested that the following records be retained as noted:

Department	Retention Schedule	Description	Comments
Accounting - Payroll Records Series 73	2 years	Directors' Monthly Payroll 01/01/12 - 12/31/12	Hold for four years. Revisit in 2017.
Operations - Tapia Records Series 135	10 years	Lab Raw Data Files 01/01/03 - 12/31/04	Data may be needed for permit renewal. Hold and revisit in 2016 and 2017.
Operations - Tapia Records Series 144	3 years	Reports: Sanitary Sewer Overflow Reporting 01/01/11 - 12/31/11	Hold for five years. Revisit in 2017 and 2018.
Customer Service Records Series 86	2 years	Customer Service Orders 01/01/11 - 12/31/12	Hold for five years. Revisit in 2017 and 2018.
Customer Service Records Series 229	2 years	Adjustment Files 01/01/11 - 12/31/12	Hold for five years. Revisit in 2017 and 2018.
Customer Service Records Series 255	2 years annual review	Subject & Correspondence 05/01/12 - 12/31/12	Hold for five years. Revisit in 2017 and 2018.

On March 22, 2016, Board Secretary Charles Caspary reviewed and approved the listing of records eligible for destruction. He concurred with staff and District Counsel's recommendation to retain and revisit the noted records.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Josie Guzman, CMC, Executive Assistant/Clerk of the Board

ATTACHMENTS:

Request for Authority to Destroy Obsolete Records

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS
 == Boxes Eligible for Destruction in 2015 ==
OFFSITE

RRS: Accounting

RRS ITEM	Box Description	From Date	To Date	Date Eligible	Comments
272 ACCOUNTS PAYABLE POSTING REPORT (2)					
	▶ A/P POSTING REPORTS	7/1/2007	10/31/2007	12/31/2013	
	▶ A/P POSTING REPORTS	11/1/2007	6/30/2008	12/31/2013	
	▶ A/P POSTING REPORTS	7/1/2008	10/31/2008	12/31/2013	
	▶ A/P POSTING REPORTS	11/1/2008	6/30/2009	12/31/2013	
19 ACCOUNTS PAYABLE RECORDS (5)					
	▶ ACCOUNTS PAYABLE RECORDS A - AR	7/1/2007	6/30/2008	12/31/2013	
	▶ ACCOUNTS PAYABLE RECORDS AS - AZ	7/1/2007	6/30/2008	12/31/2013	
	▶ ACCOUNTS PAYABLE RECORDS B - CA	7/1/2007	6/30/2008	12/31/2013	
	▶ ACCOUNTS PAYABLE RECORDS B OF A #1	7/1/2007	6/30/2008	12/31/2013	
	▶ ACCOUNTS PAYABLE RECORDS B OF A #2	7/1/2007	6/30/2008	12/31/2013	
	▶ ACCOUNTS PAYABLE RECORDS CE - DZ	7/1/2007	6/30/2008	12/31/2013	
	▶ ACCOUNTS PAYABLE RECORDS E - FZ	7/1/2007	6/30/2008	12/31/2013	
	▶ ACCOUNTS PAYABLE RECORDS G - HZ	7/1/2007	6/30/2008	12/31/2013	
	▶ ACCOUNTS PAYABLE RECORDS I - LZ	7/1/2007	6/30/2008	12/31/2013	
	▶ ACCOUNTS PAYABLE RECORDS M - OZ	7/1/2007	6/30/2008	12/31/2013	
	▶ ACCOUNTS PAYABLE RECORDS P - RZ	7/1/2007	6/30/2008	12/31/2013	
	▶ ACCOUNTS PAYABLE RECORDS SP - VI	7/1/2007	6/30/2008	12/31/2013	
	▶ ACCOUNTS PAYABLE RECORDS VO - WE	7/1/2007	6/30/2008	12/31/2013	
	▶ ACCOUNTS PAYABLE RECORDS WL - Z	7/1/2007	6/30/2008	12/31/2013	
25 BANK RECONCILIATIONS (5)					
	▶ BANK RECONCILIATIONS (FY 2007-08, 2008-09)	7/1/2007	6/30/2009	12/31/2014	

Approved for Destruction
Approved
Approved

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS
 DEPARTMENT HEAD: *[Signature]* DATE: 12/14/15 GENERAL MANAGER: *David W. Sullivan* DATE: 12/16/15

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Boxes Eligible for Destruction in 2015 ==
OFFSITE

RRS: Accounting

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Box Description	From Date	To Date	Date Eligible	Comments
41 DEPOSITS (5)						
▶	CUSTOMER SERVICE DEPOSITS FY 2007-08 MARCH-APRIL		3/1/2008	4/30/2008	12/31/2013	
▶	CUSTOMER SERVICE DEPOSITS FY 2007-08 MAY-JUNE		5/1/2008	6/30/2008	12/31/2013	
▶	CUSTOMER SERVICE DEPOSITS FY 2008-09 JULY-AUG		7/1/2008	8/31/2008	12/31/2013	
▶	CUSTOMER SERVICE DEPOSITS FY 2008-09 SEPT-OCT		9/1/2008	10/31/2008	12/31/2013	
▶	CUSTOMER SERVICE DEPOSITS FY 2008-09 JAN-FEB		1/1/2009	2/28/2009	12/31/2014	
▶	CUSTOMER SERVICE DEPOSITS FY 2008-09 MARCH-APRIL		3/1/2009	4/30/2009	12/31/2014	
▶	CUSTOMER SERVICE DEPOSITS FY 2008-09 MAY-JUNE		5/1/2009	6/30/2009	12/31/2014	
▶	MISC. DEPOSITS (2007-2009)		1/1/2007	12/31/2009	12/31/2014	
295 JOURNAL ENTRIES - JE, JG, JI, JK, JM, JN, JP, JR, JS, JT, IA, II, OV, PI (5)						
▶	JOURNAL ENTRIES FY 2007-08 OCT-JAN		10/1/2007	1/31/2008	12/31/2013	
▶	JOURNAL ENTRIES FY 2007-08 FEB-APRIL		2/1/2008	4/30/2008	12/31/2013	
▶	JOURNAL ENTRIES FY 2007-08 MAY-JUNE		5/1/2008	6/30/2008	12/31/2013	
▶	JOURNAL ENTRIES FY 2008-09 JULY-MARCH		7/1/2008	3/31/2009	12/31/2014	
▶	JOURNAL ENTRIES FY 2009-09 JULY-JAN		7/1/2008	1/31/2009	12/31/2014	
▶	JOURNAL ENTRIES FY 2008-09 FEB-JUNE		2/1/2009	6/30/2009	12/31/2014	

Approved for Destruction
Per Mr. Tomlinson
Approved

Number of Offsite Boxes Eligible for Destruction: 33

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

DEPARTMENT HEAD: 

DATE: 12/14/15 GENERAL MANAGER: 

DATE: 12/16/15



REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==

ONSITE

RRS: Accounting

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Description of Record or File	From Date	To Date	Comments
19 ACCOUNTS PAYABLE RECORDS (5)					
▶	ACC-16 A/P VOUCHERS (BOYLE ENGINEERING)		1/1/2002	6/30/2005	
▶	ACC-16 A/P VOUCHERS 2008-09 (A - ARA)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (ARB - ATT)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (ATT - BAN)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (BAN - BAS)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (BB - COA)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (COL - EZ)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (F - GA)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (GII - IZ)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (J - MC)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (ME - P MISC)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (PA - ROY)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (S - SOU)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (SOU - VA)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (VE - W MISC)		7/1/2008	6/30/2009	
▶	ACC-16 A/P VOUCHERS 2008-09 (WA - ZZ)		7/1/2008	6/30/2009	
▶	ACC-16 ACCOUNTS PAYABLE RECORDS FY 2007-08 (S - SO)		7/1/2007	6/30/2008	
▶	ACC-16 BECKER & BELL (9/1/98-7/24/04)		9/1/1998	7/24/2004	
▶	ACC-16 CAMP DRESSER & MC KEE (10/23/01-1/23/07)		10/23/2001	1/23/2007	
▶	ACC-16 CHO, JIMME (7/8/08-11/8/08)		7/8/2008	11/8/2008	
▶	ACC-16 G NEIL CO. (11/22/95)		11/22/1995	11/22/1995	
▶	ACC-16 GRIFFITH & THORNBURGH (10/22/96-2/25/03)		10/22/1996	2/25/2003	
▶	ACC-16 M.J. SCHIFF & ASSOCIATES (12/3/02-12/13/05)		12/3/2002	12/13/2005	
▶	ACC-16 MONTGOMERY WATSON, MWH AMERICAS (5/23/95-7/12/05)		5/23/1995	7/12/2005	

*Approved by District Manager
Per W. Lemieux*

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS:  DATE: 12/14/15
 DEPARTMENT HEAD:  GENERAL MANAGER:  DATE: 12/16/15



REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==
 ONSITE

RRS: Accounting

RRS ITEM	Description of Record or File	From Date	To Date	Comments
19 ACCOUNTS PAYABLE RECORDS (5)				
▶	ACC-16 REITER LOWRY CONSULTANTS (1/27/98-12/14/04)	1/27/1998	12/14/2004	
20 ACCOUNTS RECEIVABLE RECORDS (5)				
▶	ACC-13 ACCOUNTS RECEIVABLE - DOANE, C. 101.1158.00098	---	3/19/2007	
▶	ACC-13 ACCOUNTS RECEIVABLE - MICHALOWSKY, A. 101.1158.00118	---	3/13/2007	
▶	ACC-13 ACCOUNTS RECEIVABLE, EMPLOYEE TICKETS 701.1158.00017, 2005	---	3/31/2007	
25 BANK RECONCILIATIONS (5)				
▶	BANK OF NEW YORK RECONCILIATIONS FY 2007/08	7/1/2007	6/30/2008	
▶	BANK OF NEW YORK RECONCILIATIONS FY 2008/09	7/1/2008	6/30/2009	
▶	LAIF RECONCILIATIONS FY 2007/08	7/1/2007	6/30/2008	
▶	LAIF RECONCILIATIONS FY 2008/09	7/1/2008	6/30/2009	
34 CHECK REGISTERS (2)				
▶	A/P PAYMENT REGISTER FY 2010/11	7/1/2010	6/30/2011	
▶	A/P PAYMENT REGISTER FY 2011/12	7/1/2011	6/30/2012	
40 DAILY CASH RECORDS (1)				
▶	DAILY BANK EXCEPTION REPORTS 2012, 2013	1/1/2012	12/31/2013	
▶	DAILY CASH RECORDS 2012	1/1/2012	12/31/2012	
▶	DAILY CASH RECORDS 2013	1/1/2013	12/31/2013	
41 DEPOSITS (5)				
▶	CUSTOMER SERVICE DEPOSITS FY 2007-08 JAN-FEB	1/1/2008	2/29/2008	
▶	CUSTOMER SERVICE DEPOSITS FY 2007-08 NOV-DEC	11/1/2008	12/31/2008	
271 SALES AND USE TAX RETURN (5)				
▶	ACC-17-2 SALES AND USE TAX RETURNS 2008 (COMPOST AND CHEMICALS)	1/1/2008	12/31/2008	
▶	ACC-17-2 SALES AND USE TAX RETURNS 2009 (COMPOST AND CHEMICALS)	1/1/2009	12/31/2009	

Approved for Destruction
per Mr. Lammick
Approved

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS
 DEPARTMENT HEAD:  DATE: 12/14/15
 GENERAL MANAGER:  DATE: 12/16/15



REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

=== Records Eligible for Destruction in 2015 ==
 ONSITE

RRS: Accounting

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Description of Record or File	From Date	To Date	Comments
271 SALES AND USE TAX RETURN (5)					
	▶ ACC-17-2 USE TAX RETURNS (CA) - 2008 (ANNUAL - OUT OF STATE PURCHASES)		1/1/2008	12/31/2008	
	▶ ACC-17-2 USE TAX RETURNS (CA) - 2009 (ANNUAL - OUT OF STATE PURCHASES)		1/1/2009	12/31/2009	
272 ACCOUNTS PAYABLE POSTING REPORT (2)					
	▶ A/P PAYMENT POSTING FY 2010/11		7/1/2010	6/30/2011	
	▶ A/P PAYMENT POSTING FY 2011/12		7/1/2011	6/30/2012	
	▶ A/P VOID CHECK TRANSMISSIONS (2007-2011)		1/1/2007	12/31/2011	
	▶ A/P VOUCHER POSTING 2011 (JAN-OCT)		1/1/2011	10/31/2011	
	▶ A/P VOUCHER POSTING 2011 (NOV-DEC)		11/1/2011	12/31/2011	
	▶ A/P VOUCHER POSTING 2012 (JAN-OCT)		1/1/2012	10/31/2012	
	▶ A/P VOUCHER POSTING 2012 (NOV-DEC)		11/1/2012	12/31/2012	
282 1099 FORMS (5)					
	▶ ACC-17-1 1099-MISCELLANEOUS & INTEREST 2008		1/1/2008	12/31/2008	
	▶ ACC-17-1 1099-MISCELLANEOUS & INTEREST 2009		1/1/2009	12/31/2009	
283 WIRE TRANSFERS (5)					
	▶ LAIF WIRE TRANSFERS FY 2006/07, FY 2007/08, FY 2008/09		7/1/2006	6/30/2009	
	▶ WIRE TRANSFERS - OTHER FY 2007/08		7/1/2007	6/30/2008	
	▶ WIRE TRANSFERS - OTHER FY 2008/09		7/1/2008	6/30/2009	

Approved for Destruction
per W. Jaramila
Approved

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

DEPARTMENT HEAD: 

GENERAL MANAGER: 

DATE: 12/14/15

DATE: 12/16/15

(W)

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Boxes Eligible for Destruction in 2015 ==
OFFSITE

RRS: Accounting - Payroll

RRS ITEM	Box Description	From Date	To Date	Date Eligible	Comments
71 PAYROLL LIABILITIES (5)					
▶	PAYROLL LIABILITIES 2008	1/1/2008	12/31/2008	12/31/2013	<i>Approved by [Signature]</i> <i>for [Signature]</i>
▶	PAYROLL LIABILITIES 2008	1/1/2008	12/31/2008	12/31/2013	
▶	PAYROLL LIABILITIES 2009	1/1/2009	12/31/2009	12/31/2014	
▶	PAYROLL LIABILITIES 2009	1/1/2009	12/31/2009	12/31/2014	
▶	PAYROLL MONTHLY REGISTERS 2011	1/1/2011	12/31/2011	12/31/2014	

Number of Offsite Boxes Eligible for Destruction: 5

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

DEPARTMENT HEAD: *[Signature]*

GENERAL MANAGER: *David W. Paulson*

DATE: 12/14/15

DATE: 12/16/15

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==

ONSITE

RRS: Facilities and Operations (Planning and Engineering)

RRS RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)

ITEM	Description of Record or File	From Date	To Date	Comments
197 CHRONOLOGICAL CORRESPONDENCE FILES (2)				
▶	ENG-1 CHRON FILES 2007-2008	1/1/2007	12/31/2008	
▶	ENG-1 CHRON FILES 2009-2010	1/1/2009	7/30/2010	
▶	ENG-1 CHRON FILES 2010-2011 (AUG 2010-DEC 2010 AND JAN 2011- DEC 2011)	8/1/2010	12/31/2011	
▶	ENG-1 CHRON FILES 2012 (JAN 2012- DEC 2012)	1/1/2012	12/31/2012	
218 SUBJECT & CORRESPONDENCE (ZAR)				
▶	ENG-6-2-1 CITY OF AGOURA HILLS - AGENCY COMMENT LETTERS - 2006	1/1/2006	12/31/2006	
▶	ENG-6-2-1 CITY OF AGOURA HILLS - AGENCY COMMENT LETTERS - 2007 #1	1/1/2007	7/30/2007	
▶	ENG-6-2-1 CITY OF AGOURA HILLS - AGENCY COMMENT LETTERS - 2007 #2	8/1/2007	12/31/2007	
▶	ENG-6-2-1 CITY OF AGOURA HILLS - AGENCY COMMENT LETTERS - 2008	1/1/2008	12/31/2008	
▶	ENG-6-2-1 CITY OF AGOURA HILLS - AGENCY COMMENT LETTERS - 2009-2010	1/1/2009	12/31/2010	
▶	ENG-6-2-1 CITY OF AGOURA HILLS - AGENCY COMMENT LETTERS - 2011	1/1/2011	12/31/2011	
▶	ENG-6-2-1 CITY OF AGOURA HILLS - AGENCY COMMENT LETTERS - 2012	1/1/2012	12/31/2012	
▶	ENG-6-2-2 CITY OF CALABASAS - AGENCY COMMENT LETTERS - 2000 - 2004	1/1/2002	12/31/2004	
▶	ENG-6-2-2 CITY OF CALABASAS - AGENCY COMMENT LETTERS - 2005	1/1/2005	12/31/2005	
▶	ENG-6-2-2 CITY OF CALABASAS - AGENCY COMMENT LETTERS - 2006	1/1/2006	12/31/2006	
▶	ENG-6-2-2 CITY OF CALABASAS - AGENCY COMMENT LETTERS - 2007 (JAN-AUG)	1/1/2007	8/31/2007	
▶	ENG-6-2-2 CITY OF CALABASAS - AGENCY COMMENT LETTERS - 2007 (SEPT-DEC)	9/1/2007	12/31/2007	
▶	ENG-6-2-2 CITY OF CALABASAS - AGENCY COMMENT LETTERS - 2008	1/1/2008	12/31/2008	
▶	ENG-6-2-2 CITY OF CALABASAS - AGENCY COMMENT LETTERS - 2009-2010	1/1/2009	12/31/2010	
▶	ENG-6-2-2 CITY OF CALABASAS - AGENCY COMMENT LETTERS - 2011	1/1/2011	12/31/2011	
▶	ENG-6-2-2 CITY OF CALABASAS - AGENCY COMMENT LETTERS - 2012	1/1/2012	12/31/2012	
▶	ENG-6-2-3 CITY OF HIDDEN HILLS - AGENCY COMMENT LETTERS - 1995-2012	1/1/1995	12/31/2012	
▶	ENG-6-2-4 CITY OF WESTLAKE VILLAGE - AGENCY COMMENT LETTERS	1/1/1997	12/31/2011	
▶	ENG-6-2-5 COUNTY OF LOS ANGELES - AGENCY COMMENT LETTERS - 2005-2008	1/1/2005	12/31/2008	

Approved for destruction
per to Lemire
Approved

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

[Signature]

DEPARTMENT HEAD: _____ DATE: 1/4/16 GENERAL MANAGER: _____

[Signature]

DATE: 01/12/16

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==

ONSITE

RRS: Facilities and Operations (Planning and Engineering)

RRS RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)

ITEM	Description of Record or File	From Date	To Date	Comments
218 SUBJECT & CORRESPONDENCE (2AR)				
▶	ENG-6-2-5 COUNTY OF LOS ANGELES - AGENCY COMMENT LETTERS - 2009-2010	1/1/2009	12/31/2010	
▶	ENG-6-2-6 CITY OF MALIBU - AGENCY COMMENT LETTERS	1/1/2003	12/31/2006	
265 VEHICLE REGISTRATION FILES (L)				
▶	GOP-4-2 316 - 1990 FORD 1-ton Pickup License #285952	---	6/11/2013	<i>Approved</i> <i>Per W. Lammert</i> <i>for destruction</i>
▶	GOP-4-2 818 - 1999 FORD Compact Pickup License #1031361	---	6/11/2013	
▶	GOP-4-2 819 - 1999 FORD Compact Pickup License #1017649	---	6/11/2013	
▶	GOP-4-2 827 - 1999 FORD 1/2-ton Pickup License #1030019	---	6/11/2013	
▶	GOP-4-2 841 - 2001 DODGE 3/4-ton Pickup License #1071770	---	6/11/2013	
▶	GOP-4-2 842 - BIGTEX Trailer License #1WWM1098	---	6/11/2013	
▶	GOP-4-2 844 - 2000 FORD TAURUS Sedan License #1079136	---	6/11/2013	
▶	GOP-4-2 845 - 2001 DODGE RANGER Compact Pickup License #1065832	---	6/11/2013	

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

DEPARTMENT HEAD:  DATE: 1/4/16 GENERAL MANAGER: See pg 1 DATE: _____

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Boxes Eligible for Destruction in 2015 ==
OFFSITE

RRS: Facilities and Operations (Planning and Engineering)

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Box Description	From Date	To Date	Date Eligible	Comments
218	SUBJECT & CORRESPONDENCE (2AR)	▶ ENG-2	---	6/11/2002	12/31/2005	<i>Approved by District Administrator</i> <i>Deny W. Lemmerick</i> <i>Approved</i>
		▶ ENG-2	---	6/11/2002	12/31/2005	
		▶ ENG-2	---	6/11/2002	12/31/2005	
		▶ ENG-2	---	6/11/2002	12/31/2005	
		▶ ENG-2	---	6/11/2002	12/31/2005	
		▶ ENG-2	---	6/11/2002	12/31/2005	
		▶ ENG-2	---	6/11/2002	12/31/2005	

Number of Offsite Boxes Eligible for Destruction: 7

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

[Signature]

DEPARTMENT HEAD: *David W. Johnson*

DATE: 1/4/16

GENERAL MANAGER:

DATE: 01/12/16

LV Box: E-505

GRM Barcode: 003085379

Major Description: ENG-2

Minor Description:

From Date:

To Date: 6/11/2002

Record Series: 218 Destroy Date: 12/31/2005 or Permanent

Date processed for transfer:

Code	TITLE
ENG-2	CEQA
ENG-2	CHINO BASIN DESAL GROUNDWATER RECOVERY PROGRAM
ENG-2	CITY OF LOS ANGELES CONTRACT AGENCIES SAAC 88-89
ENG-2	CITY OF LOS ANGELES SANITATION IMPROVEMENT DISTRICT U-2
ENG-2	CITY OF LOS ANGELES SEWAGE FLOWS TO CITY OF LOS ANGELES
ENG-2	CONEJO FUTURE FOUNDATION (WATER SUPPLY ALTERN)
ENG-2	COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS VARIOUS STORM DRAIN CROSSINGS
ENG-2	CRYPTOSPORIDIUM
ENG-2	FIVE YEAR PLAN
ENG-2	HDR ENGINEERING, INC. AGREEMENT
ENG-2	HYDROCOMMONS
POT-2	CORROSION CONTROL

Number of Files: 12

LV Box: E-506

GRM Barcode: 003085380

Major Description: ENG-2

Minor Description:

From Date:

To Date: 6/11/2002

Record Series: 218 Destroy Date: 12/31/2005 or Permanent

Date processed for transfer:

Code	TITLE
ENG-2	ALTERNATIVE REVENUE SOURCES REPLACEMENT FUND
ENG-2	MWD STRATEGIC ASSESSMENT ISSUE PAPERS 1993
ENG-2	MWD STRATEGIC PLAN FINANCIAL 1993 - 1994
ENG-2	MWD WEST VALLEY AND CALLEGUAS FEEDER STUDY 1990-91
ENG-2	MWD WEST VALLEY AND CALLEGUAS FEEDER STUDY 1992-1996
ENG-2	NEW DEMAND CHARGE
ENG-2	PEEP (AB2588) 01/90 - 05/90
ENG-2	PUMP FLOW TESTS
ENG-2	RESOURCE CONSERVATION TRAILER
ENG-2	RINDGE DAM REMOVAL
ENG-2	ROCKETDYNE DISPOSAL SITE

Number of Files: 11

LV Box: E-507

GRM Barcode: 003085369

Major Description: ENG-2

Minor Description:

From Date:

To Date: 6/11/2002

Record Series: 218 Destroy Date: 12/31/2005 or Permanent

Date processed for transfer:

Code	TITLE
ENG-2	HYDRO ELECTRIC GENERATION AND PUMP STORAGE
ENG-2	MALIBU CITIZENS COMMITTEE 1988 - 1989
ENG-2	MALIBU CITIZENS COMMITTEE 1990 - 1993
ENG-2	MALIBU CREEK WATERSHED
ENG-2	MALIBU WASTEWATER FACILITIES PLAN
ENG-2	METER CONVERSIONS
ENG-2	METRIFICATION
ENG-2	MITIGATION MONITORING REPORTS
ENG-2	MWD LOCAL PROJECTS PROGRAM
ENG-2	MWD STRATEGIC ASSESSMENT STUDY 1992 - 1993

Number of Files: 10

LV Box: E-508

GRM Barcode: 003085368

Major Description: ENG-2

Minor Description:

From Date:

To Date: 6/11/2002

Record Series: 218 Destroy Date: 12/31/2005 or Permanent

Date processed for transfer:

Code	TITLE
ENG-2	AIR TOXICS (AB 2588) 1993/94
ENG-2	ANACAPA VIEW DRIVE, MALIBU
ENG-2	AWWA CONTROLS FORUM
ENG-2	BIF COMPUTER RELOCATION
ENG-2	BOYLE ENGINEERING AGREEMENTS 1981-1994
ENG-2	BOYLE ENGINEERING CORPORATION CORRESP.
ENG-2	CALIFORNIA WATER COMMISSION
ENG-2	CALLEGUAS MUNICIPAL WATER DISTRICT
ENG-2	CITY OF CALABASAS GENERAL PLAN
ENG-2	CITY OF LOS ANGELES AGREEMENTS - 1980 - 1986
ENG-2	CITY OF LOS ANGELES AGREEMENTS - 1987
ENG-2	CITY OF LOS ANGELES AGREEMENTS - 1988 - 1989
ENG-2	CITY OF LOS ANGELES AGREEMENTS - 1990 - 1993
ENG-2	CITY OF LOS ANGELES ANNEXATION 1-84 CHATSWORTH
ENG-2	CITY OF LOS ANGELES CAPACITY

Number of Files: 15

LV Box: E-509

GRM Barcode: 003085401

Major Description: ENG-2

Minor Description:

From Date:

To Date: 6/11/2002

Record Series: 218 Destroy Date: 12/31/2005 or Permanent

Date processed for transfer:

Code	TITLE
-	WESTLAKE VILLAGE IRON STAINS FROM WELL WATER
ENG-2	CITY OF LOS ANGELES CHARGE SYSTEMS
ENG-2	CITY OF LOS ANGELES GROWTH CONTROL ORDINANCE
ENG-2	DESALINATION SYSTEM INTEGRATION STUDY
ENG-2	EARTHQUAKE 01/17/94 FOLDER 1
ENG-2	EARTHQUAKE 01/17/94 FOLDER 2
ENG-2	EMERGENCY PREPAREDNESS
ENG-2	INSURANCESERVICES FIRE FLOWS
ENG-2	IRON AND MANGANESE STUDY, WESTLAKE VILLAGE
ENG-2	JOINT VENTURE G&A ALLOCATIONS
ENG-2	LIMITED SERVICE AGREEMENTS
ENG-2	LOCAL PROJECTS PROGRAM (LV WATER RECLAMATION PROJECT) INCLUDES LPP BUYOUT
ENG-2	LVMWD HEADQUARTERS BOARDROOM TRAILER
ENG-6	LAS VIRGENES RESERVOIR WATERSHED SANITARY SURVEY

Number of Files: 14

LV Box: E-510

GRM Barcode: 003085404

Major Description: ENG-2

Minor Description:

From Date:

To Date: 6/11/2002

Record Series: 218

Destroy Date: 12/31/2005

or Permanent

Date processed for transfer:

Code	TITLE
ENG-2	ROSE & KINDEL
ENG-2	SAFETY
ENG-2	SCAG
ENG-2	SCAP 01/93 - 06/93 (JARP)
ENG-2	SCAP 07/93 - 012/93 (JARP)
ENG-2	SCAP 1991 - 1992 (JARP)
ENG-2	SCAP 1994 (JARP)
ENG-2	SCAP AB 42 (BACA)
ENG-2	SCAP MEETINGS
ENG-2	SCAQMD ANNUAL EMISSIONS REPORTS
ENG-2	SCAQMD AQMP & FIP 1991 - 1994
ENG-2	SCAQMD AQMP MEETINGS - 1994
ENG-2	SCAQMD AQMP MEETINGS - 1995
ENG-2	SCAQMD NEW SOURCE REVIEW - 1994
ENG-2	SCAQMD PERMIT INFORMATION 1993 - 1995
ENG-2	SCAQMD PERMIT INFORMATION 1996
ENG-2	SCAQMD TITLE V 06/93 - 12/93
ENG-2	SCAQMD TITLE V -1/92 - 05/93
ENG-2	SCAQMD TITLE V 1994
ENG-2	SCAQMD TITLE V 1995

Number of Files: 20

LV Box: E-511

GRM Barcode: 003085392

Major Description: ENG-2

Minor Description:

From Date:

To Date: 6/11/2002

Record Series: 218

Destroy Date: 12/31/2005

or Permanent

Date processed for transfer:

Code	TITLE
ENG-2	SCEC CORRESPONDENCE
ENG-2	SEA (SIGNIFICANT ECOLOGICAL AREAS)
ENG-2	SOURCE TEST PLAN
ENG-2	SOUTHERN CALIFORNIA BIOSOLIDS PRODUCERS
ENG-2	SOUTHERN CALIFORNIA EDISON BILLINGS
ENG-2	SOUTHERN CALIFORNIA EDISON ENERGY AUDIT
ENG-2	STORM DAMAGE ITEMS JANUARY 1995
ENG-2	TERADYNE, INC.
ENG-2	TOPANGA/MALIBU FIRE
ENG-2	TRI-TAC
ENG-2	UTILITIES
ENG-2	WATER CONSERVATION
ENG-2	WATER ENERGY EFFICIENCY PROGRAM
ENG-2	WATER ORDINANCE REVIEW (WATER APPEALS BOARD)
ENG-2	WATER SUPPLY PLANNING
ENG-2	WATERBAG FRESHWATER DELIVERY SYSTEM
ENG-2	WESTERN CITIES AGREEMENT FOR PROFESSIONAL SERVICES
ENG-2	WESTERN CITIES APPRAISAL COMPANY BOARD MEMOS
ENG-2	WESTERN CITIES APPRAISAL COMPANY CORRESP.
ENG-2	WESTERN CITIES APPRAISAL COMPANY FINANCIAL

Number of Files: 20

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Boxes Eligible for Destruction in 2015 ==
OFFSITE

RRS: Purchasing

RRS ITEM	Box Description	From Date	To Date	Date Eligible	Comments
123 PURCHASE ORDER FILES (5)					
	▶ PURCHASE ORDER FILES - 2008	1/1/2008	12/31/2008	12/31/2013	<i>Approved for destruction</i>
	▶ PURCHASE ORDER FILES - 2008	1/1/2008	12/31/2008	12/31/2013	
	▶ PURCHASE ORDER FILES - 2008	1/1/2008	12/31/2008	12/31/2013	
	▶ PURCHASE ORDER FILES - 2009	1/1/2009	12/31/2009	12/31/2014	
	▶ PURCHASE ORDER FILES - 2009	1/1/2009	12/31/2009	12/31/2014	

Number of Offsite Boxes Eligible for Destruction: 5

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

DEPARTMENT HEAD: *[Signature]* DATE: 12/14/15 GENERAL MANAGER: *[Signature]* DATE: 12/16/15

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==

ONSITE

RRS: Purchasing

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Description of Record or File	From Date	To Date	Comments
122	BID FILES - UNSUCCESSFUL (2)				
▶	ALUMINUM SULFATE (2008)		1/1/2008	12/31/2008	
▶	DIATOMACEOUS EARTH (2008)		1/1/2008	12/31/2008	
▶	FERRIC CHLORIDE (2008)		1/1/2008	12/31/2008	
▶	JANITORIAL SERVICES (2009)		1/1/2009	12/31/2009	
▶	POLYMER (2009)		1/1/2009	12/31/2009	
▶	SODIUM BISULFITE (2008)		1/1/2008	12/31/2008	
▶	SODIUM HYPOCHLORITE (2009)		1/1/2009	12/31/2009	
▶	UNIFORM SERVICES (2006)		1/1/2006	12/31/2006	
123	PURCHASE ORDER FILES (5)				
▶	APPLICATIONS FOR CREDIT (2002-2009)		1/1/2002	12/31/2009	
▶	DAVID'S PAINT AND TILE (PAINTING SERVICES 2007)		1/1/2007	12/31/2007	
▶	MULTIPLE VENDORS (WEED ABATEMENT 2009)		1/1/2009	12/31/2009	
▶	PUR-2 PURCHASE ORDERS - OJ, FY 2008/09		7/1/2008	6/30/2009	
▶	PUR-2 PURCHASE ORDERS - OS, FY 2007/08		7/1/2007	6/30/2008	
▶	PUR-2 PURCHASE ORDERS - OS, FY 2008/09		7/1/2008	6/30/2009	
124	REQUISITION LOG (5)				
▶	PUR-2 OR LOG, FY 2007/08		7/1/2007	6/30/2008	
▶	PUR-2 OR LOG, FY 2008/09		7/1/2008	6/30/2009	

*Approved for Destruction
Par W. Lemieux
Approved by [Signature]*

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS: [Signature] DATE: 12/16/15
 DEPARTMENT HEAD: [Signature] DATE: 12/14/15 GENERAL MANAGER: [Signature] DATE: 12/16/15

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==

ONSITE

RRS: Facilities and Operations (Operations - Rancho)

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Description of Record or File	From Date	To Date	Comments
240	DAILY TEMPERATURE LOG (5)				
	▶ GEN-6-6	CURE PILE TEMPERATURE LOGS - 2008	1/1/2008	12/31/2008	
	▶ GEN-6-6	CURE PILE TEMPERATURE LOGS - 2009	1/1/2009	12/31/2009	
277	COMPOSTING GIVEAWAY PROGRAM FILES (3)				
	▶ GEN-6-6	COMMUNITY COMPOST DISTRIBUTION LOG - 2007	1/1/2007	12/31/2007	
	▶ GEN-6-6	COMMUNITY COMPOST DISTRIBUTION LOG - 2010	1/1/2010	12/31/2010	
	▶ GEN-6-6	COMMUNITY COMPOST DISTRIBUTION LOG - 2011	1/1/2011	12/31/2011	
287	COMPOST RECORDS (5)				
	▶ GEN-6-6	COMPOST SHIPMENTS - 2008	1/1/2008	12/31/2008	
	▶ GEN-6-6	COMPOST SHIPMENTS - 2009	1/1/2009	12/31/2009	

*Approved for destruction
Per W. Hernandez
Approved*

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

DEPARTMENT HEAD: *[Signature]*

DATE: 1/4/16 GENERAL MANAGER:

[Signature]

DATE: 01/12/16

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==

ONSITE

RRS: Facilities and Operations (Operations - Westlake)

RRS RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)

ITEM	Description of Record or File	From Date	To Date	Comments
293	REPORTS (3)			
▶	WRQ-2-1 WESTLAKE RESERVOIR MONTHLY REPORTS 2010	1/1/2010	12/31/2010	
▶	WRQ-2-1 WESTLAKE RESERVOIR MONTHLY REPORTS 2011	1/1/2011	12/31/2011	
▶	WRQ-3-6 WESTLAKE PLANT REPORT 2010	1/1/2010	12/31/2010	
▶	WRQ-3-6 WESTLAKE PLANT REPORT 2011	1/1/2011	12/31/2011	

Approved by [Signature]

Approved by [Signature]

Approved by [Signature]

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

[Signature]

DEPARTMENT HEAD:

David W. [Signature]

GENERAL MANAGER:

DATE: 01/12/16

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Boxes Eligible for Destruction in 2015 ==
OFFSITE

RRS: General Manager

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	From Date	To Date	Date Eligible	Comments
1	AGENDA PACKETS (10)				
	▶ AGENDA PACKETS 2003	1/1/2003	12/31/2003	12/31/2013	Approved for destruction
	▶ AGENDA PACKETS 2004	1/1/2004	12/31/2004	12/31/2014	Approved for destruction

Number of Offsite Boxes Eligible for Destruction: 2

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

DEPARTMENT HEAD: *[Signature]* DATE: 12/30/15

GENERAL MANAGER: *[Signature]*

DATE: 01/04/16

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Boxes Eligible for Destruction in 2015 ==
OFFSITE

RRS: Resource Conservation

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Box Description	From Date	To Date	Date Eligible	Comments
193	WATER CONSERVATION FILES (10)	WASHER AND TOILET REBATE RECORDS	1/1/2003	12/31/2004	12/31/2014	Approved for destruction per W. Hemieux Approved [Signature]

Number of Offsite Boxes Eligible for Destruction: 1

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

DEPARTMENT HEAD: [Signature] DATE: 11/11/16 GENERAL MANAGER: [Signature] DATE: 01/12/16

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==
ONSITE

RRS: Resource Conservation

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Description of Record or File	From Date	To Date	Comments
179	DISTRICT BUSINESS FILES (2AR)				
▶	DIS-2-8 NEWSCLIPS 2004		1/1/2004	12/31/2004	
▶	DIS-2-8 NEWSCLIPS JANUARY-JUNE 2005		1/1/2005	6/30/2005	
▶	DIS-2-8 NEWSCLIPS JANUARY-JUNE 2006		1/1/2006	6/30/2006	
▶	DIS-2-8 NEWSCLIPS JANUARY-JUNE 2007		1/1/2007	6/30/2007	
▶	DIS-2-8 NEWSCLIPS JANUARY-JUNE 2008		1/1/2008	6/30/2008	
▶	DIS-2-8 NEWSCLIPS JANUARY-JUNE 2009		1/1/2009	6/30/2009	
▶	DIS-2-8 NEWSCLIPS JANUARY-JUNE 2010		1/1/2010	7/1/2010	
▶	DIS-2-8 NEWSCLIPS JANUARY-JUNE 2011		1/1/2011	6/30/2011	
▶	DIS-2-8 NEWSCLIPS JANUARY-JUNE 2012		1/1/2012	6/30/2012	
▶	DIS-2-8 NEWSCLIPS JULY-DECEMBER 2005		7/1/2005	12/31/2005	
▶	DIS-2-8 NEWSCLIPS JULY-DECEMBER 2006		7/1/2006	12/31/2006	
▶	DIS-2-8 NEWSCLIPS JULY-DECEMBER 2007		7/1/2007	12/31/2007	
▶	DIS-2-8 NEWSCLIPS JULY-DECEMBER 2008		7/1/2008	12/31/2008	
▶	DIS-2-8 NEWSCLIPS JULY-DECEMBER 2009		7/1/2009	12/31/2009	
▶	DIS-2-8 NEWSCLIPS JULY-DECEMBER 2010		7/1/2010	12/31/2010	
▶	DIS-2-8 NEWSCLIPS JULY-DECEMBER 2011		7/1/2011	12/31/2011	
▶	DIS-2-8 PRESS RELEASES 1996		1/1/1996	12/31/1996	
▶	DIS-2-8 PRESS RELEASES 1997		1/1/1997	12/31/1997	
▶	DIS-2-8 PRESS RELEASES 1998		1/1/1998	12/31/1998	
▶	DIS-2-8 PRESS RELEASES 1999		1/1/1999	12/31/1999	
▶	DIS-2-8 PRESS RELEASES 2000		1/1/2000	12/31/2000	
▶	DIS-2-8 PRESS RELEASES 2001		1/1/2001	12/31/2001	
▶	DIS-2-8 PRESS RELEASES 2002		1/1/2002	12/31/2002	
▶	DIS-2-8 PRESS RELEASES 2003		1/1/2003	12/31/2003	

Approved for Destruction Per the Township

Approved [Signature]

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

DEPARTMENT HEAD: *[Signature]*

GENERAL MANAGER: *David M. Johnson*

DATE: *01/12/16*

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==
ONSITE

RRS: Resource Conservation

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Description of Record or File	From Date	To Date	Comments
179	DISTRICT BUSINESS FILES (2AR)				
	▶ DIS-2-8	PRESS RELEASES 2005-2006	1/1/2005	12/31/2006	
	▶ DIS-2-8	PRESS RELEASES 2009	1/1/2009	12/31/2009	
193	WATER CONSERVATION FILES (10)				
	▶ CON-2-2	ULTRA-LOW-FLUSH TOILET REBATES (1994-1995)	1/1/1994	12/31/1995	
	▶ CON-2-2	ULTRA-LOW-FLUSH TOILET REBATES (1996-1998)	1/1/1996	12/31/1998	
	▶ CON-2-2	ULTRA-LOW-FLUSH TOILET REBATES (1999)	1/1/1999	12/31/1999	

Approved for destruction

Approved for destruction

Approved for destruction

Approved for destruction

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS
 DEPARTMENT HEAD: *[Signature]* DATE: *11/11/16* GENERAL MANAGER: *David W. Peltum* DATE: *01/27/16*

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==
 ONSITE

RRS: Accounting - Payroll

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Description of Record or File	From Date	To Date	Comments
73 PAYROLL REPORTS (2)					
	▶ Payroll Reports (Director's Monthly Payroll) 2012		1/1/2012	12/31/2012	Per W. Lemieux, Hold at least 4 yrs. Revisit in 2017
	▶ Payroll Reports 1/2012 - 7/2012		1/1/2012	7/31/2012	
	▶ Payroll Reports 8/2012 - 12/2012		8/1/2012	12/31/2012	
75 TAX FORMS (7)					
	▶ IRS 941 Quarterly Reporting 2007		1/1/2007	12/31/2007	
	▶ State of California - EDD Quarterly Reporting 2007		1/1/2007	12/31/2007	
77 W-2 FORMS (5)					
	▶ 2007 W2's and Year-End Reports		1/1/2007	12/31/2007	
259 PAYROLL REGISTERS (3)					
	▶ Payroll Registers 2011		1/1/2011	12/31/2011	Approved Per [Signature]
284 PAYROLL JOURNAL ENTRIES (2)					
	▶ JD Edwards Payroll Journal Entries 2012		1/1/2012	12/31/2012	

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

DEPARTMENT HEAD: [Signature]

DATE: 12/14/15 GENERAL MANAGER: [Signature]

DATE: 12/16/15

(M)

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

=== Boxes Eligible for Destruction in 2015 ==

OFFSITE

RRS: Facilities and Operations (Operations - Tapia)

RRS ITEM	Box Description	From Date	To Date	Date Eligible	Comments
135	LAB RAW DATA FILES (10)				
	▶ TAPIA LAB DATA FILES	1/1/2003	12/31/2003	12/31/2013	per W. Lemieux.
	▶ TAPIA LAB DATA FILES	1/1/2003	12/31/2003	12/31/2013	will data be needed?
	▶ TAPIA LAB DATA FILES	1/1/2004	7/31/2004	12/31/2014	for permit renewal?
	▶ TAPIA LAB DATA FILES	8/1/2004	12/31/2004	12/31/2014	Save and revisit in - 2016/2017
	▶ TAPIA LAB DATA FILES	1/1/2004	12/31/2004	12/31/2014	↓
276	ODOR COMPLAINTS (10)				
	▶ ODOR COMPLAINTS	1/1/2002	12/31/2003	12/31/2013	Approved per W. Lemieux

Quest
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030

Approved
Claspy

Number of Offsite Boxes Eligible for Destruction: 6

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

DEPARTMENT HEAD: *[Signature]*

DATE: 1/4/16 GENERAL MANAGER: *[Signature]*

DATE: 01/12/16

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==

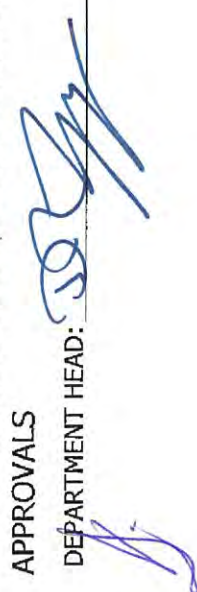
ONSITE

RRS: Facilities and Operations (Operations - Tapia)

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Description of Record or File	From Date	To Date	Comments
131 DAILY PLANT LOGS (10)					
▶	DAILY PLANT LOG 2004		1/1/2004	12/31/2004	
144 REPORTS (3)					
▶	COL-2-3 PRETREATMENT COMPLIANCE INSPECTION 2009-2010		1/1/2009	12/31/2010	Approved per W. Lemieux
▶	COL-2-3 PRETREATMENT COMPLIANCE INSPECTION 2010-2011		1/1/2010	12/31/2011	
▶	STA-2-4 CONSTRUCTED WETLANDS ORDER NO. R4-2002-158, CI 8475 QUARTERLY REPORTS 2007		1/1/2007	12/31/2007	
▶	STA-2-4 NON-NPDES ORDER #79-107 RLV MONTHLY REPORTS 2011		1/1/2011	12/31/2011	
▶	STA-2-4 NON-NPDES PERMIT #64-104 RECLAIMED WATER QUARTERLY REPORTS 2011		1/1/2011	12/31/2011	
▶	STA-2-4 NPDES PERMIT #CA0056014 EFFLUENT DISPOSAL MONTHLY REPORTS JAN - JUNE 2011		1/1/2011	6/30/2011	
▶	STA-2-4 NPDES PERMIT #CA0056014 EFFLUENT DISPOSAL MONTHLY REPORTS JULY - DEC 2011		7/1/2011	12/31/2011	
▶	STA-2-4 NPDES PERMIT #CAG994004 TAPIA GROUNDWATER QUARTERLY REPORTS 2011		1/1/2011	12/31/2011	
▶	STA-2-4 NPDES REQUIREMENT #CA0056014 PRETREATMENT SEMI-ANNUAL REPORT 2011		1/1/2011	12/31/2011	
▶	STA-2-4 PEPPERDINE ORDER #94-055 RECLAIMED WATER QUARTERLY REPORTS 2011		1/1/2011	12/31/2011	
▶	STA-2-4 SANITARY SEWER OVERFLOW (SSO) REPORTING 2011		1/1/2011	12/31/2011	Hold for 5 years per W. Lemieux
▶	STA-3-4 DOPH - MONTHLY COLIFORM REPORT SYSTEM I.D. #1910225 - 2010		1/1/2010	12/31/2010	
▶	STA-3-4 DOPH - MONTHLY COLIFORM REPORT SYSTEM I.D. #1910225 - 2011		1/1/2011	12/31/2011	
▶	STA-3-4 DOPH - MONTHLY TURBIDITY & DISINFECTION MONITORING SYSTEM (WATER OPS) I.D. #1910225 - 2010		1/1/2010	12/31/2010	Approved per W. Lemieux
▶	STA-3-4 DOPH - MONTHLY TURBIDITY & DISINFECTION MONITORING SYSTEM (WATER OPS) I.D. #1910225 - 2011		1/1/2011	12/31/2011	

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

DEPARTMENT HEAD: 

GENERAL MANAGER: 

DATE: 01/21/16

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==
 ONSITE

RRS: Facilities and Operations (Operations - Tapia)

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Description of Record or File	From Date	To Date	Comments
144	REPORTS (3)				
▶	STA-3-4 DOPH - QUARTERLY DISINFECTANT RESIDUALS REPORT SYSTEM I.D. #1910225 - 2010		1/1/2010	12/31/2010	<i>Approved per W. Lemieux</i>
▶	STA-3-4 DOPH - QUARTERLY DISINFECTANT RESIDUALS REPORT SYSTEM I.D. #1910225 - 2011		1/1/2011	12/31/2011	<i>Approved per W. Lemieux</i>
▶	STA-3-4 DOPH - QUARTERLY THM MONITORING PROGRAM SYSTEM I.D. #1910225 - 2010		1/1/2010	12/31/2010	<i>Approved per W. Lemieux</i>
▶	STA-3-4 DOPH - QUARTERLY THM MONITORING PROGRAM SYSTEM I.D. #1910225 - 2011		1/1/2011	12/31/2011	<i>Approved per W. Lemieux</i>
147	SUBJECT & CORRESPONDENCE (2AR)				
▶	GEN-1 CORRESPONDENCE NAME CHANGE LETTER TO SCAQMD		12/14/2010	12/14/2010	<i>Approved per W. Lemieux</i>
▶	STA-3-1 GENERAL CORRESPONDENCE - DOPH		3/8/2006	10/27/2009	<i>Approved per W. Lemieux</i>

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS

DEPARTMENT HEAD: *[Signature]*

GENERAL MANAGER: *[Signature]*

DATE: 1/4/16

DATE: 01/12/16

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==

ONSITE

RRS: Resource Conservation - Customer Service

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Description of Record or File	From Date	To Date	Comments
86	CUSTOMER SERVICE ORDERS (CSO's) (2)				
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - APRIL 2011		4/1/2011	4/30/2011	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - APRIL 2012		4/1/2012	4/30/2012	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - AUGUST 2011		8/1/2011	8/31/2011	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - AUGUST 2012		8/1/2012	8/31/2012	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - DECEMBER 2011		12/1/2011	12/31/2011	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - DECEMBER 2012		12/1/2012	12/31/2012	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - FEBRUARY 2011		2/1/2011	2/28/2011	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - FEBRUARY 2012		2/1/2012	2/29/2012	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - JANUARY 2011		1/1/2011	1/31/2011	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - JANUARY 2012		1/1/2012	1/31/2012	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - JULY 2011		7/1/2011	7/31/2011	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - JULY 2012		7/1/2012	7/31/2012	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - JUNE 2011		6/1/2011	6/30/2011	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - JUNE 2012		6/1/2012	6/30/2012	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - MARCH 2011		3/1/2011	3/31/2011	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - MARCH 2012		3/1/2012	3/31/2012	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - MAY 2011		5/1/2011	5/31/2011	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - MAY 2012		5/1/2012	5/31/2012	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - NOVEMBER 2011		11/1/2011	11/30/2011	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - NOVEMBER 2012		11/1/2012	11/30/2012	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - OCTOBER 2011		10/1/2011	10/31/2011	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - OCTOBER 2012		10/1/2012	10/31/2012	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - SEPTEMBER 2011		9/1/2011	9/30/2011	
▶	CUS-1 CUSTOMER SERVICE ORDER (CSO) - SEPTEMBER 2012		9/1/2012	9/30/2012	

*per W. Lemieux
Some entries less than 5 yrs
SAVE BY S4RS
Revisit in 2017+2018
2017-18
Revisit -
Revisit
Revisit
Revisit*

The above records are submitted for destruction in accordance with procedures outlined in the Las Virgenes Municipal Water District Records Management Manual, revised 2008.

APPROVALS
 DEPARTMENT HEAD: *[Signature]* DATE: 11/11/16 GENERAL MANAGER: *[Signature]* DATE: 01/12/16

REQUEST FOR AUTHORITY TO DESTROY OBSOLETE RECORDS

== Records Eligible for Destruction in 2015 ==

ONSITE

RRS: Resource Conservation - Customer Service

RRS ITEM	RECORD SERIES NAME (TOTAL RETENTION PERIOD - in years unless otherwise stated)	Description of Record or File	From Date	To Date	Comments
229	ADJUSTMENT FILES (2)				
	▶ CUS-6	ADJUSTMENT FILES 2012 (JULY-DEC)	7/1/2012	12/31/2012	
	▶ CUS-8	ADJUSTMENT FILES 2012 (JAN-JUNE)	1/1/2012	6/30/2012	
	▶ CUS-8	ADJUSTMENTS 2011	1/1/2011	12/31/2011	
255	SUBJECT & CORRESPONDENCE (2AR)				
	▶ CUS-2	CORRESPONDENCE 2012 (AUG-DEC)	8/1/2012	12/31/2012	
	▶ CUS-2	CORRESPONDENCE 2012 (MAY-JUNE)	5/1/2012	6/30/2012	

Handwritten notes:
 8/1/12
 9/1/12
 10/1/12
 11/1/12
 12/1/12
 1/1/13
 2/1/13
 3/1/13
 4/1/13
 5/1/13
 6/1/13
 7/1/13
 8/1/13
 9/1/13
 10/1/13
 11/1/13
 12/1/13
 1/1/14
 2/1/14
 3/1/14
 4/1/14
 5/1/14
 6/1/14
 7/1/14
 8/1/14
 9/1/14
 10/1/14
 11/1/14
 12/1/14
 1/1/15
 2/1/15
 3/1/15
 4/1/15
 5/1/15
 6/1/15
 7/1/15
 8/1/15
 9/1/15
 10/1/15
 11/1/15
 12/1/15
 1/1/16
 2/1/16
 3/1/16
 4/1/16
 5/1/16
 6/1/16
 7/1/16
 8/1/16
 9/1/16
 10/1/16
 11/1/16
 12/1/16
 1/1/17
 2/1/17
 3/1/17
 4/1/17
 5/1/17
 6/1/17
 7/1/17
 8/1/17
 9/1/17
 10/1/17
 11/1/17
 12/1/17
 1/1/18
 2/1/18
 3/1/18
 4/1/18
 5/1/18
 6/1/18
 7/1/18
 8/1/18
 9/1/18
 10/1/18
 11/1/18
 12/1/18
 1/1/19
 2/1/19
 3/1/19
 4/1/19
 5/1/19
 6/1/19
 7/1/19
 8/1/19
 9/1/19
 10/1/19
 11/1/19
 12/1/19
 1/1/20
 2/1/20
 3/1/20
 4/1/20
 5/1/20
 6/1/20
 7/1/20
 8/1/20
 9/1/20
 10/1/20
 11/1/20
 12/1/20
 1/1/21
 2/1/21
 3/1/21
 4/1/21
 5/1/21
 6/1/21
 7/1/21
 8/1/21
 9/1/21
 10/1/21
 11/1/21
 12/1/21
 1/1/22
 2/1/22
 3/1/22
 4/1/22
 5/1/22
 6/1/22
 7/1/22
 8/1/22
 9/1/22
 10/1/22
 11/1/22
 12/1/22
 1/1/23
 2/1/23
 3/1/23
 4/1/23
 5/1/23
 6/1/23
 7/1/23
 8/1/23
 9/1/23
 10/1/23
 11/1/23
 12/1/23
 1/1/24
 2/1/24
 3/1/24
 4/1/24
 5/1/24
 6/1/24
 7/1/24
 8/1/24
 9/1/24
 10/1/24
 11/1/24
 12/1/24
 1/1/25
 2/1/25
 3/1/25
 4/1/25
 5/1/25
 6/1/25
 7/1/25
 8/1/25
 9/1/25
 10/1/25
 11/1/25
 12/1/25
 1/1/26
 2/1/26
 3/1/26
 4/1/26
 5/1/26
 6/1/26
 7/1/26
 8/1/26
 9/1/26
 10/1/26
 11/1/26
 12/1/26
 1/1/27
 2/1/27
 3/1/27
 4/1/27
 5/1/27
 6/1/27
 7/1/27
 8/1/27
 9/1/27
 10/1/27
 11/1/27
 12/1/27
 1/1/28
 2/1/28
 3/1/28
 4/1/28
 5/1/28
 6/1/28
 7/1/28
 8/1/28
 9/1/28
 10/1/28
 11/1/28
 12/1/28
 1/1/29
 2/1/29
 3/1/29
 4/1/29
 5/1/29
 6/1/29
 7/1/29
 8/1/29
 9/1/29
 10/1/29
 11/1/29
 12/1/29
 1/1/30
 2/1/30
 3/1/30
 4/1/30
 5/1/30
 6/1/30
 7/1/30
 8/1/30
 9/1/30
 10/1/30
 11/1/30
 12/1/30
 1/1/31
 2/1/31
 3/1/31
 4/1/31
 5/1/31
 6/1/31
 7/1/31
 8/1/31
 9/1/31
 10/1/31
 11/1/31
 12/1/31
 1/1/32
 2/1/32
 3/1/32
 4/1/32
 5/1/32
 6/1/32
 7/1/32
 8/1/32
 9/1/32
 10/1/32
 11/1/32
 12/1/32
 1/1/33
 2/1/33
 3/1/33
 4/1/33
 5/1/33
 6/1/33
 7/1/33
 8/1/33
 9/1/33
 10/1/33
 11/1/33
 12/1/33
 1/1/34
 2/1/34
 3/1/34
 4/1/34
 5/1/34
 6/1/34
 7/1/34
 8/1/34
 9/1/34
 10/1/34
 11/1/34
 12/1/34
 1/1/35
 2/1/35
 3/1/35
 4/1/35
 5/1/35
 6/1/35
 7/1/35
 8/1/35
 9/1/35
 10/1/35
 11/1/35
 12/1/35
 1/1/36
 2/1/36
 3/1/36
 4/1/36
 5/1/36
 6/1/36
 7/1/36
 8/1/36
 9/1/36
 10/1/36
 11/1/36
 12/1/36
 1/1/37
 2/1/37
 3/1/37
 4/1/37
 5/1/37
 6/1/37
 7/1/37
 8/1/37
 9/1/37
 10/1/37
 11/1/37
 12/1/37
 1/1/38
 2/1/38
 3/1/38
 4/1/38
 5/1/38
 6/1/38
 7/1/38
 8/1/38
 9/1/38
 10/1/38
 11/1/38
 12/1/38
 1/1/39
 2/1/39
 3/1/39
 4/1/39
 5/1/39
 6/1/39
 7/1/39
 8/1/39
 9/1/39
 10/1/39
 11/1/39
 12/1/39
 1/1/40
 2/1/40
 3/1/40
 4/1/40
 5/1/40
 6/1/40
 7/1/40
 8/1/40
 9/1/40
 10/1/40
 11/1/40
 12/1/40
 1/1/41
 2/1/41
 3/1/41
 4/1/41
 5/1/41
 6/1/41
 7/1/41
 8/1/41
 9/1/41
 10/1/41
 11/1/41
 12/1/41
 1/1/42
 2/1/42
 3/1/42
 4/1/42
 5/1/42
 6/1/42
 7/1/42
 8/1/42
 9/1/42
 10/1/42
 11/1/42
 12/1/42
 1/1/43
 2/1/43
 3/1/43
 4/1/43
 5/1/43
 6/1/43
 7/1/43
 8/1/43
 9/1/43
 10/1/43
 11/1/43
 12/1/43
 1/1/44
 2/1/44
 3/1/44
 4/1/44
 5/1/44
 6/1/44
 7/1/44
 8/1/44
 9/1/44
 10/1/44
 11/1/44
 12/1/44
 1/1/45
 2/1/45
 3/1/45
 4/1/45
 5/1/45
 6/1/45
 7/1/45
 8/1/45
 9/1/45
 10/1/45
 11/1/45
 12/1/45
 1/1/46
 2/1/46
 3/1/46
 4/1/46
 5/1/46
 6/1/46
 7/1/46
 8/1/46
 9/1/46
 10/1/46
 11/1/46
 12/1/46
 1/1/47
 2/1/47
 3/1/47
 4/1/47
 5/1/47
 6/1/47
 7/1/47
 8/1/47
 9/1/47
 10/1/47
 11/1/47
 12/1/47
 1/1/48
 2/1/48
 3/1/48
 4/1/48
 5/1/48
 6/1/48
 7/1/48
 8/1/48
 9/1/48
 10/1/48
 11/1/48
 12/1/48
 1/1/49
 2/1/49
 3/1/49
 4/1/49
 5/1/49
 6/1/49
 7/1/49
 8/1/49
 9/1/49
 10/1/49
 11/1/49
 12/1/49
 1/1/50
 2/1/50
 3/1/50
 4/1/50
 5/1/50
 6/1/50
 7/1/50
 8/1/50
 9/1/50
 10/1/50
 11/1/50
 12/1/50
 1/1/51
 2/1/51
 3/1/51
 4/1/51
 5/1/51
 6/1/51
 7/1/51
 8/1/51
 9/1/51
 10/1/51
 11/1/51
 12/1/51
 1/1/52
 2/1/52
 3/1/52
 4/1/52
 5/1/52
 6/1/52
 7/1/52
 8/1/52
 9/1/52
 10/1/52
 11/1/52
 12/1/52
 1/1/53
 2/1/53
 3/1/53
 4/1/53
 5/1/53
 6/1/53
 7/1/53
 8/1/53
 9/1/53
 10/1/53
 11/1/53
 12/1/53
 1/1/54
 2/1/54
 3/1/54
 4/1/54
 5/1/54
 6/1/54
 7/1/54
 8/1/54
 9/1/54
 10/1/54
 11/1/54
 12/1/54
 1/1/55
 2/1/55
 3/1/55
 4/1/55
 5/1/55
 6/1/55
 7/1/55
 8/1/55
 9/1/55
 10/1/55
 11/1/55
 12/1/55
 1/1/56
 2/1/56
 3/1/56
 4/1/56
 5/1/56
 6/1/56
 7/1/56
 8/1/56
 9/1/56
 10/1/56
 11/1/56
 12/1/56
 1/1/57
 2/1/57
 3/1/57
 4/1/57
 5/1/57
 6/1/57
 7/1/57
 8/1/57
 9/1/57
 10/1/57
 11/1/57
 12/1/57
 1/1/58
 2/1/58
 3/1/58
 4/1/58
 5/1/58
 6/1/58
 7/1/58
 8/1/58
 9/1/58
 10/1/58
 11/1/58
 12/1/58
 1/1/59
 2/1/59
 3/1/59
 4/1/59
 5/1/59
 6/1/59
 7/1/59
 8/1/59
 9/1/59
 10/1/59
 11/1/59
 12/1/59
 1/1/60
 2/1/60
 3/1/60
 4/1/60
 5/1/60
 6/1/60
 7/1/60
 8/1/60
 9/1/60
 10/1/60
 11/1/60
 12/1/60
 1/1/61
 2/1/61
 3/1/61
 4/1/61
 5/1/61
 6/1/61
 7/1/61
 8/1/61
 9/1/61
 10/1/61
 11/1/61
 12/1/61
 1/1/62
 2/1/62
 3/1/62
 4/1/62
 5/1/62
 6/1/62
 7/1/62
 8/1/62
 9/1/62
 10/1/62
 11/1/62
 12/1/62
 1/1/63
 2/1/63
 3/1/63
 4/1/63
 5/1/63
 6/1/63
 7/1/63
 8/1/63
 9/1/63
 10/1/63
 11/1/63
 12/1/63
 1/1/64
 2/1/64
 3/1/64
 4/1/64
 5/1/64
 6/1/64
 7/1/64
 8/1/64
 9/1/64
 10/1/64
 11/1/64
 12/1/64
 1/1/65
 2/1/65
 3/1/65
 4/1/65
 5/1/65
 6/1/65
 7/1/65
 8/1/65
 9/1/65
 10/1/65
 11/1/65
 12/1/65
 1/1/66
 2/1/66
 3/1/66
 4/1/66
 5/1/66
 6/1/66
 7/1/66
 8/1/66
 9/1/66
 10/1/66
 11/1/66
 12/1/66
 1/1/67
 2/1/67
 3/1/67
 4/1/67
 5/1/67
 6/1/67
 7/1/67
 8/1/67
 9/1/67
 10/1/67
 11/1/67
 12/1/67
 1/1/68
 2/1/68
 3/1/68
 4/1/68
 5/1/68
 6/1/68
 7/1/68
 8/1/68
 9/1/68
 10/1/68
 11/1/68
 12/1/68
 1/1/69
 2/1/69
 3/1/69
 4/1/69
 5/1/69
 6/1/69
 7/1/69
 8/1/69
 9/1/69
 10/1/69
 11/1/69
 12/1/69
 1/1/70
 2/1/70
 3/1/70
 4/1/70
 5/1/70
 6/1/70
 7/1/70
 8/1/70
 9/1/70
 10/1/70
 11/1/70
 12/1/70
 1/1/71
 2/1/71
 3/1/71
 4/1/71
 5/1/71
 6/1/71
 7/1/71
 8/1/71
 9/1/71
 10/1/71
 11/1/71
 12/1/71
 1/1/72
 2/1/72
 3/1/72
 4/1/72
 5/1/72
 6/1/72
 7/1/72
 8/1/72
 9/1/72
 10/1/72
 11/1/72
 12/1/72
 1/1/73
 2/1/73
 3/1/73
 4/1/73
 5/1/73
 6/1/73
 7/1/73
 8/1/73
 9/1/73
 10/1/73
 11/1/73
 12/1/73
 1/1/74
 2/1/74
 3/1/74
 4/1/74
 5/1/74
 6/1/74
 7/1/74
 8/1/74
 9/1/74
 10/1/74
 11/1/74
 12/1/74
 1/1/75
 2/1/75
 3/1/75
 4/1/75
 5/1/75
 6/1/75
 7/1/75
 8/1/75
 9/1/75
 10/1/75
 11/1/75
 12/1/75
 1/1/76
 2/1/76
 3/1/76
 4/1/76
 5/1/76
 6/1/76
 7/1/76
 8/1/76
 9/1/76
 10/1/76
 11/1/76
 12/1/76
 1/1/77
 2/1/77
 3/1/77
 4/1/77
 5/1/77
 6/1/77
 7/1/77
 8/1/77
 9/1/77
 10/1/77
 11/1/77
 12/1/77
 1/1/78
 2/1/78
 3/1/78
 4/1/78
 5/1/78
 6/1/78
 7/1/78
 8/1/78
 9/1/78
 10/1/78
 11/1/78
 12/1/78
 1/1/79
 2/1/79
 3/1/79
 4/1/79
 5/1/79
 6/1/79
 7/1/79
 8/1/79
 9/1/79
 10/1/79
 11/1/79
 12/1/79
 1/1/80
 2/1/80
 3/1/80
 4/1/80
 5/1/80
 6/1/80
 7/1/80
 8/1/80
 9/1/80
 10/1/80
 11/1/80
 12/1/80
 1/1/81
 2/1/81
 3/1/81
 4/1/81
 5/1/81
 6/1/81
 7/1/81
 8/1/81
 9/1/81
 10/1/81
 11/1/81
 12/1/81
 1/1/82
 2/1/82
 3/1/82
 4/1/82
 5/1/82
 6/1/82
 7/1/82
 8/1/82
 9/1/82
 10/1/82
 11/1/82
 12/1/82
 1/1/83
 2/1/83
 3/1/83
 4/1/83
 5/1/83
 6/1/83
 7/1/83
 8/1/83
 9/1/83
 10/1/83
 11/1/83
 12/1/83
 1/1/84
 2/1/84
 3/1/84
 4/1/84
 5/1/84
 6/1/84
 7/1/84
 8/1/84
 9/1/84
 10/1/84
 11/1/84
 12/1/84
 1/1/85
 2/1/85
 3/1/85
 4/1/85
 5/1/85
 6/1/85
 7/1/85
 8/1/85
 9/1/85
 10/1/85
 11/1/85
 12/1/85
 1/1/86
 2/1/86
 3/1/86
 4/1/86
 5/1/86
 6/1/86
 7/1/86
 8/1/86
 9/1/86
 10/1/86
 11/1/86
 12/1/86
 1/1/87
 2/1/87
 3/1/87
 4/1/87
 5/1/87
 6/1/87
 7/1/87
 8/1/87
 9/1/87
 10/1/87
 11/1/87
 12/1/87
 1/1/88
 2/1/88
 3/1/88
 4/1/88
 5/1/88
 6/1/88
 7/1/88
 8/1/88
 9/1/88
 10/1/88
 11/1/88
 12/1/88
 1/1/89
 2/1/89
 3/1/89
 4/1/89
 5/1/89
 6/1/89
 7/1/89
 8/1/89
 9/1/89
 10/1/89
 11/1/89
 12/1/89
 1/1/90
 2/1/90
 3/1/90
 4/1/90
 5/1/90
 6/1/90
 7/1/90
 8/1/90
 9/1/90
 10/1/90
 11/1/90
 12/1/90
 1/1/91
 2/1/91
 3/1/91
 4/1/91
 5/1/91
 6/1/91
 7/1/91
 8/1/91
 9/1/91
 10/1/91
 11/1/91
 12/1/91
 1/1/92
 2/1/92
 3/1/92
 4/1/92
 5/1/92
 6/1/92
 7/1/92
 8/1/92
 9/1/92
 10/1/92
 11/1/92
 12/1/92
 1/1/93
 2/1/93
 3/1/93
 4/1/93
 5/1/93
 6/1/93
 7/1/93
 8/1/93
 9/1/93
 10/1/93
 11/1/93
 12/1/93
 1/1/94
 2/1/94
 3/1/94
 4/1/94
 5/1/94
 6/1/94
 7/1/94
 8/1/94
 9/1/94
 10/1/94
 11/1/94
 12/1/94
 1/1/95
 2/1/95
 3/1/95
 4/1/95
 5/1/95
 6/1/95
 7/1/95
 8/1/95
 9/1/95
 10/1/95
 11/1/95
 12/1/95
 1/1/96
 2/1/96
 3/1/96
 4/1/96
 5/1/96
 6/1/96
 7/1/96
 8/1/96
 9/1/96
 10/1/96
 11/1/96
 12/1/96
 1/1/97
 2/1/97
 3/1/97
 4/1/97
 5/1/97
 6/1/



April 12, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Owl House Presentation by Camp David Gonzales Students

SUMMARY:

At the October 22, 2013 and April 11, 2014 Board meetings, staff presented information on the District's rodent control measures, concerns with anti-coagulant rodenticides, and precautions taken by the District to minimize the risk of secondary exposure to local wildlife.

While the District is not able to completely eliminate its use of rodenticides, more-environmentally sensitive, alternatives rodent control methods are available and can substantially reduce the need for application of rodenticides. At the May 13, 2014 Board meeting, staff proposed plans to work with the faculty and students of Camp David Gonzalez to construct owl houses and/or raptor platforms that for installation at key District facilities to test the effectiveness of natural predation as an alternative rodent control method.

At the Board meeting, Camp David Gonzales students will present a sample of the owl houses they designed and constructed using materials supplied by the District.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

DISCUSSION:

Rodent and gopher control is important to ensure the integrity of key District facilities, particularly the Las Virgenes Reservoir Dam. Staff endorses the use of alternative safe and environmentally-friendly means to control pests, including vectors and rodents. Many of the

District's facilities reside in or near the sensitive Santa Monica Mountains where there is a need to protect both the District's facilities and the surrounding environment. Staff researched best practices and contacted other agencies with similar challenges to identify alternative rodent control measures that can reduce the need for rodenticides and prevent the associated risk of exposure to local wildlife. One idea that appeared to offer merit was the use of fabricated owl houses near the dam and other facilities experiencing rodent problems.

The District partnered with the faculty and students at Camp David Gonzales to determine the best type of enclosure/house to attract owls in an effort to test predation as a natural, alternative rodent control measure. Camp David Gonzales students used the Internet to select a proven owl house design and referenced a U.S. Department of Agriculture, Natural Resources Conservation Service guidance document to build them. At the Board meeting, the students will present a sample of the owl houses they designed and constructed using materials supplied by the District. It is thought that about three-fourths of the houses will be inhabited by owls, with the remainder attracting honey bees, providing a safe habitat for them.

GOALS:

Construct, Manage and Maintain All Facilities and Provide Services to Assure System Reliability and Environmental Compatibility

Prepared by: Larry J. Miller, Water Systems and Facilities Manager

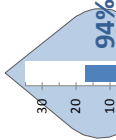
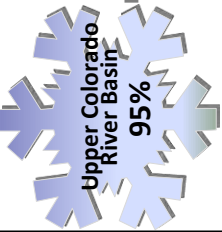
WATER SUPPLY CONDITIONS CRA

As of: 04/03/2016

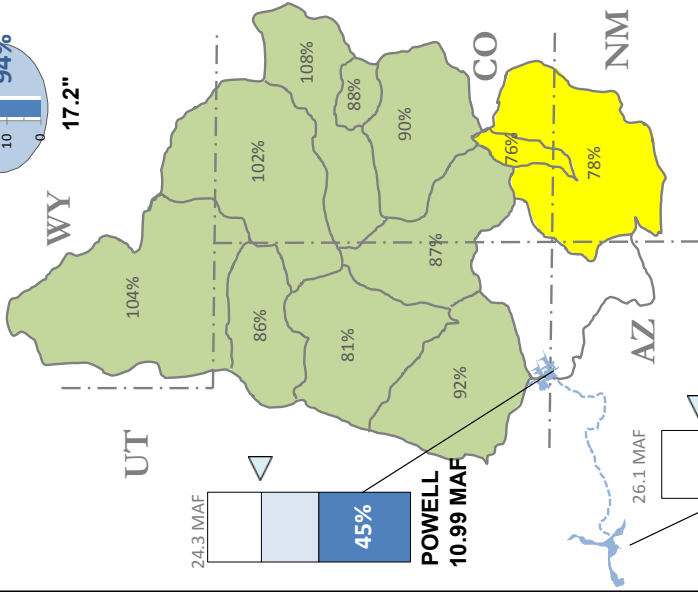
2016 Colorado River

865,000 AF
69% of full CRA

Does not include storage withdrawals or exchanges



17.2"



MEAD
10.02 MAF
1080.16 FT

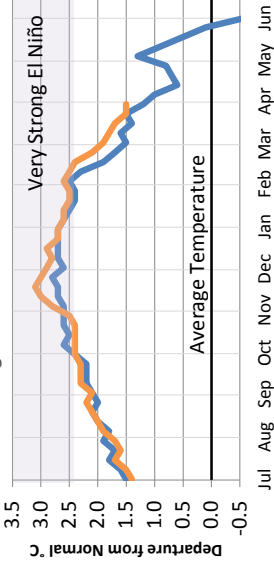
Snow Water Equivalent (% of Normal)



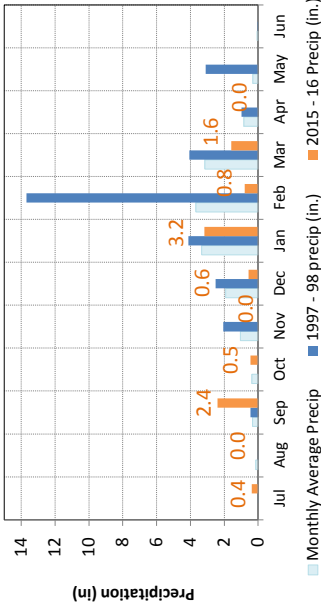
Flip Over for SWP Data

1997-98 vs. 2015-16 El Niño Signal

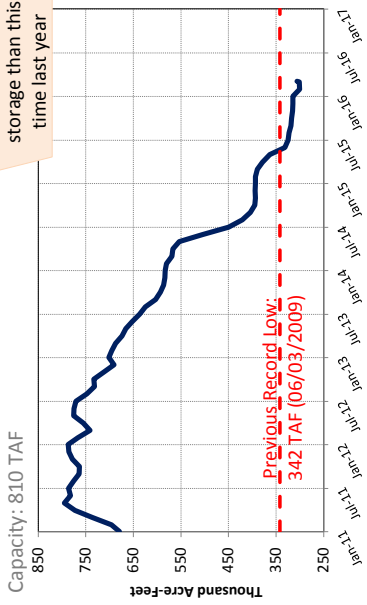
Sea Surface Temperature Pacific Ocean Niño Region 3.4



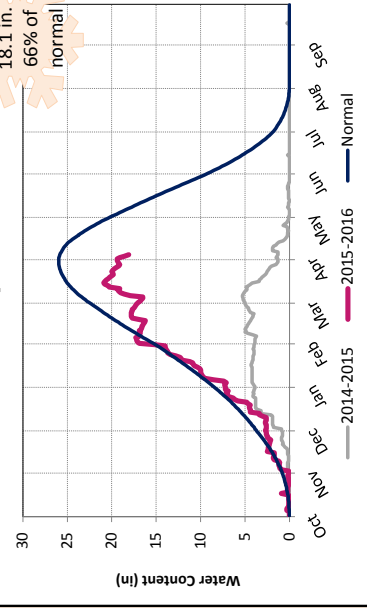
Downtown Los Angeles Precip



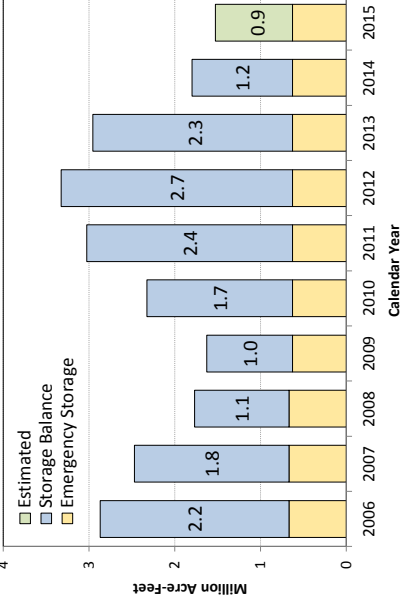
Diamond Valley Lake Storage



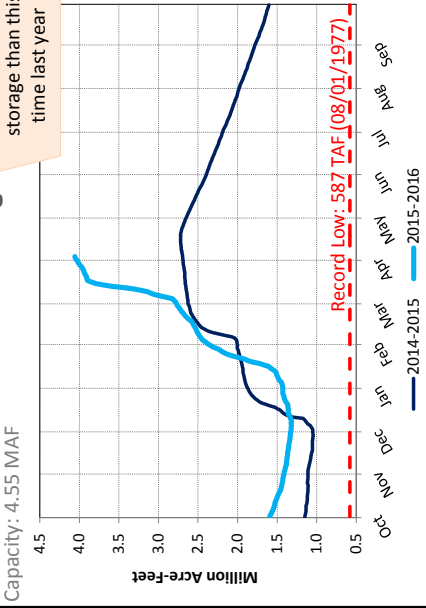
Southern Sierra Snowpack



MWD Storage Reserve Levels



Lake Shasta Reservoir Storage

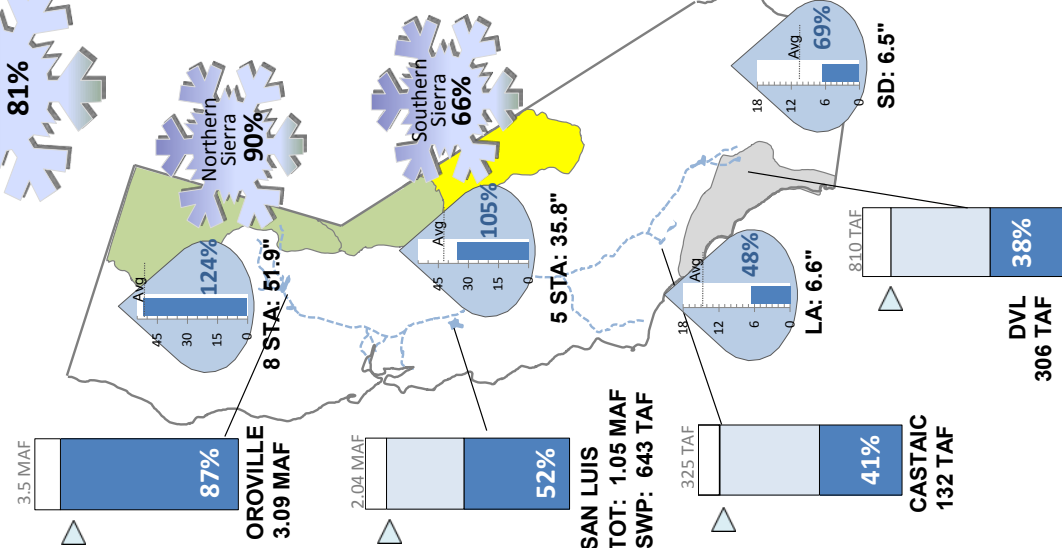
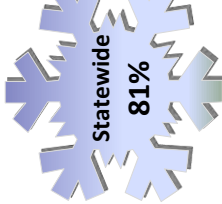


WATER SUPPLY CONDITIONS SWP

As of: 04/03/2016

2016 SWP Allocation

860,175 AF
45% of Table A



Flip Over for CRA Data

This report is produced by the Water Resource Management group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale.

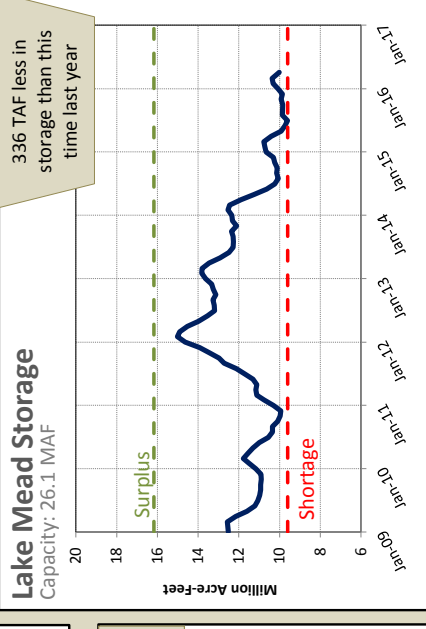
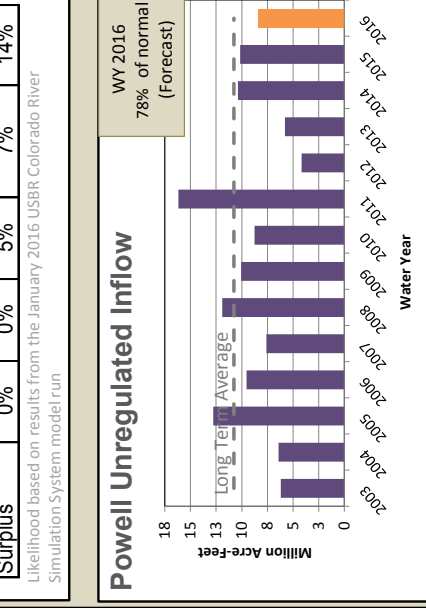
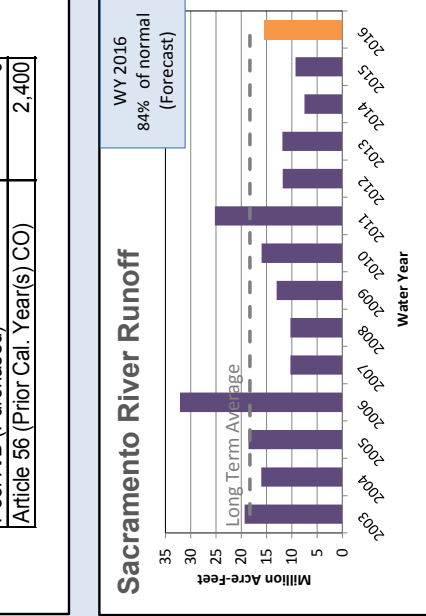
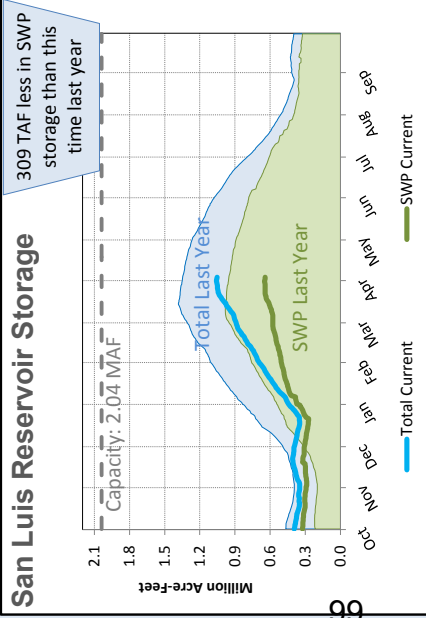
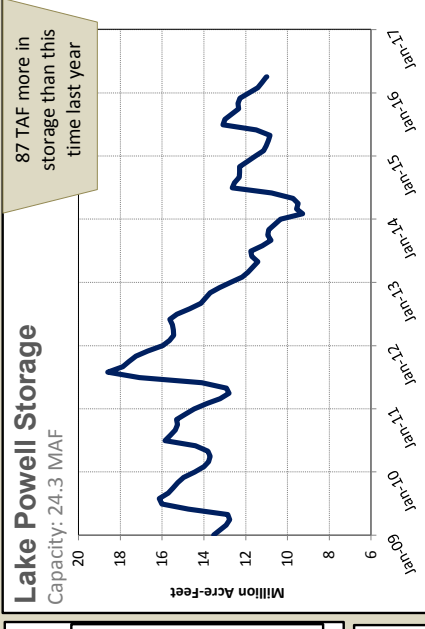
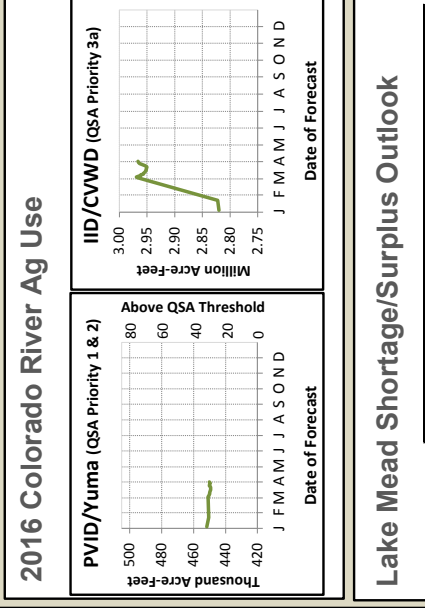
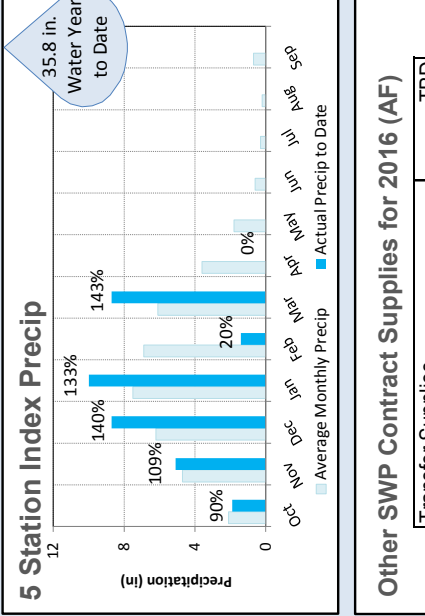
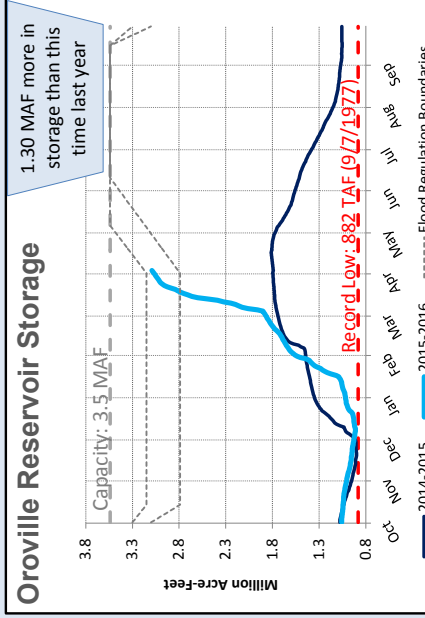
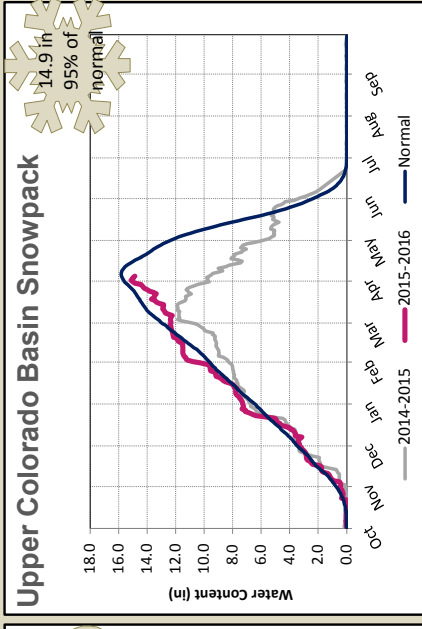
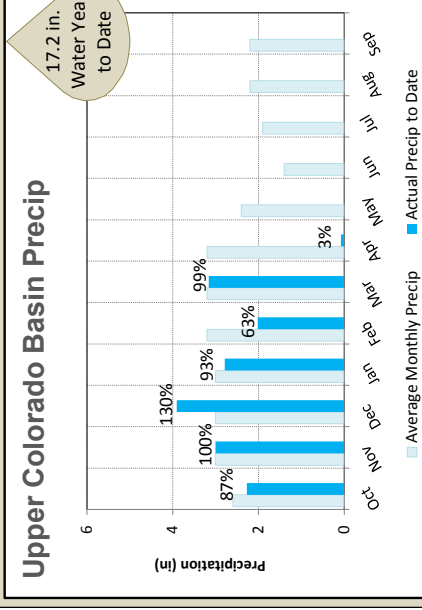
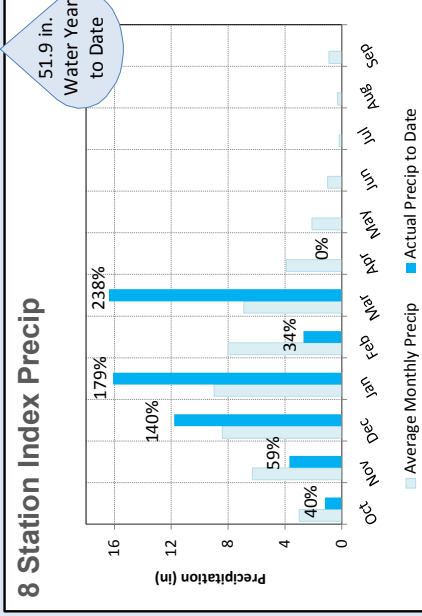
<http://www.mwdh2o.com/WSCR>

This report is best printed double sided on legal size paper (8.5" x 14") and folded in quarters

State Water Project Resources

Colorado River Resources

As of: 04/03/2016



Other SWP Contract Supplies for 2016 (AF)

Transfer Supplies	TBD
Multi Year Pool	3,500
Pool A/B (Purchased)	0
Article 56 (Prior Cal. Year(s) / CO)	2,400

Lake Mead Shortage/Surplus Outlook

	2016	2017	2018	2019	2020
Shortage	0%	37%	59%	60%	59%
Surplus	0%	0%	5%	7%	14%

Likelihood based on results from the January 2016 USBR Colorado River Simulation System model run



Drought Update Wednesday, March 2, 2016

KEY ACTION ITEMS FROM THIS WEEK

- **Californians Save 1.1 Million Acre-Feet of Water, Urged to Stay Focused on Conservation:** On February 25, the State Water Board [announced](#) that Californians missed Governor Brown's 25 percent water conservation mandate in January, as urban water suppliers reported a cumulative savings of 24.8 percent for the eight months since mandatory conservation began. With more than 1.1 million acre-feet of water conserved since June 2015 through January 2016, the state is 96 percent of its goal of 1.2 million acre-feet of water to be saved by the end of February.

Statewide, the conservation rate decreased from 18.4 percent in December 2015 to 17.1 percent in January, which equates to approximately 62,644 acre-feet. However, the average per capita water use declined from 67 gallons per person per day in December 2015 to 61 gallons in January 2016, the lowest per-person rate since water-use reporting began in June 2014.

- **2016 Emergency Regulation Takes Effect; Information Updated on State Water Board Website:** On February 12, the Office of Administrative Law [approved](#) the 2016 Emergency Conservation Regulation adopted by the State Water Board, which extends the original 2015 regulation through October 2016. Under the 2016 regulation, water suppliers may request an adjustment to their individual conservation standard by submitting required information through a new online tool at the [Drinking Water Information Clearing House \(DRINC\) Portal](#). The tool is now available through March 15. For more information, please visit the State Water Board's [Water Conservation Portal](#).
- **DWR Increases 2016 State Water Project Allocation Estimate to 30%:** On February 24, the Department of Water Resources (DWR) [announced](#) an increase to its estimated State Water Project (SWP) delivery allocation to 30 percent. For 2016, the 29 contractors that receive SWP water requested more than 4.1 million acre-feet of water. With the latest allocation increase, they will receive 1.27 million acre-feet of requested supplies, however, extended dry weather could force an allocation reduction. State Water Project contractors serve approximately 25 million Californians and just under a million acres of irrigated farmland.
- **California's Three Traditionally Wettest Months End with Statewide Snowpack Water Content Less than Average:** On March 1, the Department of Water Resources (DWR) [announced](#) that the statewide snowpack, which is the source for about 30 percent of California's water supply, is at 83 percent of the March 1 average. Although readings at Phillips Station are higher than the previous year in March, snowpack levels are still below what would be considered adequate for any reasonable level of recovery at this point.

DWR conducted its third media-oriented manual snowpack survey of the season at Phillips Station, 90 miles east of Sacramento just off Highway 50 in the Sierra Nevada. The snow course is one of more than 250 snow courses that will be measured manually several times this winter to determine the water content of the snowpack.

- **DWR Releases Draft Regulations on SGMA, Comment Period Opens:** On February 18, the Department of Water Resources (DWR) [released](#) draft regulations that will assist local public agencies and groundwater sustainability agencies to meet their requirements of the [2014 Sustainability Groundwater Management Act \(SGMA\)](#). The regulations were developed after conducting public information sessions and extensive outreach around the state to gather perspectives from advisory groups, statewide stakeholders, partners, local agencies, and the public. The [draft regulations](#) are available for public comment until March 25.
- **CDFW Awards \$16.7 Million to Fisheries Habitat Restoration, Forest Legacy and Drought Projects:** On February 19, the Department of Fish and Wildlife (CDFW) [announced](#) 67 projects that will receive \$16.7 million in funding from its Fisheries Restoration Grant Program (FRGP). These projects will further the objectives of the state and federal recovery plans which include removing barriers to fish migration, restoring riparian habitat, and creating a more resilient and sustainably managed water resources system that can better withstand drought conditions. Visit the [FRGP](#) website for a complete list of projects approved for funding.
- **California’s Water Conservation Education Program Campaign:** This past week, the Save Our Water [PSA](#) featuring Golden State Warrior stars, Stephen Curry and Klay Thompson (“Splash Brothers”), will continue to air on NBC Bay Area through April. In addition, Save Our Water [promoted](#) an Associated Press article which highlighted ten days of record heat and a shortage of rain in February which continues to raise concerns for California’s drought in 2016.

Save Our Water continues to promote the “[Claim your Turf Replacement](#)”, and “[Claim Your Toilet](#)” rebate programs. For more tips and tools to help conserve water and keep trees healthy during the drought, please visit Save Our Water’s website, which is available in both [English](#) and [Spanish](#), or connect with the program on [Facebook](#), [Twitter](#) or [Instagram](#).

- **Governor’s Drought Task Force:** The Task Force continues to take actions that conserve water and coordinate state response to the drought. During the February 25 meeting, the Task Force provided an update on water conditions, water operations and environmental habitat, water conservation, and drought impacts and response. In addition, Save Our Water provided a summary of the current water conservation efforts planned for 2016, and highlighted the drought conservation efforts accomplished in 2015.

The Labor Workforce Development Agency announced that the federally funded Drought Temporary Jobs program has enrolled 949 participants at 136 worksite projects in 24 counties. The program is funded through the U.S. Department of Labor’s National Dislocated Worker Grant program which offers 6 months of employment on drought-related public works projects for up to 1,000 workers affected by the drought.

ONGOING DROUGHT SUPPORT

- **Emergency Food Aid, Utility and Employment Assistance:** The Department of Social Services (CDSS) Drought Food Assistance Program (DFAP) provides food assistance to affected communities that suffer high levels of unemployment from the drought. To date, over 1,171,506 boxes have been provided to community food banks in drought-impacted counties, with an average of approximately 13,250 food boxes per week since June 2014. Approximately 1,056,023 boxes of food have been picked up by 547,813 households.

Food boxes distributions vary by county and occur 1-4 times per month. Nearly 60% of the food distributions have occurred in the Tulare Basin (Fresno, Kern, Kings and Tulare). Approximately 18,140 boxes were scheduled for delivery for the week ending February 26 to Fresno, Kern, Kings Riverside, San Joaquin, Siskiyou, Stanislaus, and Tulare counties.

The Department of Community Services and Development (CSD) allocated an additional \$600,000, under the federally-funded Community Services Block Grant (CSBG), to continue the [Drought Water Assistance Program \(DWAP\)](#) which provides financial assistance to help low-income families pay their water bills. As of January 31, CSD has reported a total of \$598,259 has been issued to 2,973 households. As a result, all funds for water assistance payments have been expended.

CSD is in the process of allocating \$400,000, under CSBG, to continue the Migrant and Seasonal Farmworker (MSFW) drought assistance program, which provides assistance in employment training and placement services to individuals impacted by the drought. This program provides employment training and placement services to migrant and seasonal farmworkers suffering job loss or reduced employment due to the drought. To date, CSD has reported that a total of \$327,335 has been expended with 109 participants enrolled.

In response to California's historic drought, CSD has received \$7.5 million in General Fund to implement the Drought Emergency Assistance Program (DEAP) to provide emergency relief and support services to drought-impacted individuals and their families and households. As of February 19, \$5.8 million has been issued to 4,428 households.

- **Drought Response Funding:** The \$687 million in state drought funding that was appropriated last March through emergency legislation, as well as \$142 million provided in the 2014 Budget Act, continues to advance toward meeting critical needs. To date, \$468 million has been committed, and nearly \$625 million of the emergency funds appropriated in March came from sources dedicated to capital improvements to water systems. Since March, the Department of Water Resources has expedited grant approvals, getting \$21 million immediately allocated to grantees that were pre-approved for certain projects.

As planned in March, the next \$200 million of expedited capital funding was awarded in October, and the remaining \$250 million will be granted by fall 2015. The 2014 Budget Act appropriated an additional \$53.8 million to CAL FIRE over its typical budget to enhance firefighter surge capacity and retain seasonal firefighters beyond the typical fire season.

As a result of continuing drought conditions, emergency legislation was enacted in March 2015 that appropriated over \$1 billion of additional funds for drought-related projects and activities. The Administration's May Revision proposal includes an additional \$2.2 billion for programs that protect and expand local water supplies, improve water conservation, and provide immediate relief to impacted communities.

CURRENT DROUGHT CONDITIONS

- **Recent Precipitation:** Last week, a series of weak storms moved through the state with the highest amounts of average rainfall in the North Coast ranging from 0.3 to 2.0 inches. Additional areas that received precipitation include 0.01 to 0.3 inches in the Bay Area, and 0.1 to 1.5 inches in the Northern Sierras.

Below are precipitation totals (in inches) from February 19 through February 26, and year-to-date rainfall based on the water year cycle (October 1, 2015 to September 30, 2016).

- **Bakersfield:** 1.11" (3.46")
- **Paso Robles:** 0.61" (5.36")
- **Fresno:** 1.38" (9.94")
- **Yosemite:** 3.94" (24.86")
- **Los Angeles:** 1.12" (4.53")
- **Stockton:** 0.80" (9.88")
- **San Francisco:** 1.38" (14.53")
- **Redding:** 2.44" (23.19")
- **Riverside:** 0.28" (3.90")
- **Sacramento:** 1.04" (9.68")
- **San Diego:** 0.20" (6.08")
- **Mount Shasta:** 3.49" (24.47")
- **South Lake Tahoe:** 2.27" (13.43")
- **Monterey:** 2.18" (15.46")

- **Weather Outlook:** At the end of the week, Northern California can expect a return to a wetter weather pattern which will continue into the weekend bringing gusty winds and periods of rain. Southern California can expect cooler weather by Friday with chances for rainfall on Sunday into at least the early part of next week.
- **Snow Survey:** The March [manual snowpack survey](#) recorded California snowpack at 83 percent of normal to date, and 73 percent of the April 1 average. Regionally, the Northern Sierra Nevada is at 89 percent of average to date, the Central Sierra is at 85 percent of average to date, and the Southern Sierra Nevada is at 73 percent of average to date.
- **Projected Reservoir Management:** Since the last report on February 19, Central Valley reservoirs from Shasta and Trinity in the North to Isabella in the South had a net gain in storage of 419,241 acre-feet (AF), with a total gain of 428,228 AF and a total loss of 8,987 AF. Shasta Reservoir increased by 113,714 AF, while San Luis Reservoir, an off-stream reservoir for the Central Valley Project and State Water Project, increased its storage by 56,817 AF.

[Reservoir Levels](#) as of March 1 have increased, including: Castaic Lake 28% of capacity (32% of year to date average); Don Pedro 47% of capacity (66% of average); Exchequer 18% of capacity (35% of average); Folsom Lake 62% of capacity (111% of average); Lake Oroville 53% of capacity (76% of average); Perris Lake 34% (41% of average); Millerton Lake 52% of capacity (79% of average); New Melones 19% of capacity (31% of average); Pine Flat 27% of capacity (51% of average); San Luis 44% of capacity (51% of average); Shasta Reservoir 61% of capacity (83% of average); and Trinity Lake 35% of capacity (47% of average). An update of water levels at other [smaller reservoirs](#) is also available.

- **Dry Well Reports:** As California faces the fifth year of drought, the Governor's Drought Task Force continues to monitor and identify communities and local water systems in danger of running out of water. In 2015, a cross-agency team, led by the Department of Water Resources (DWR), developed a new system that improves and streamlines data collection and reporting for [household water shortages](#) for California water systems with fewer than 15 household connections.

As of February 24, approximately 2,591 wells statewide have been identified as critical or dry, affecting an estimated 12,955 residents. Cal OES reported that 2,371 of the 2,591 dry wells are concentrated in the inland regions within the Central Valley. If you are experiencing a water supply shortage, please [submit a report](#) on DWR's website.

- **Vulnerable Water Systems:** The State Water Board continues to provide technical and funding assistance to several communities facing drinking water shortages, and is monitoring water systems across the state. Since January 2014, 109 out of the 150 projects approved to receive emergency funding for interim replacement drinking water have been executed. On May 19, 2015, the State Water Board adopted Guidelines for administering the latest emergency drought appropriations of \$19 million announced this past March. To date, the State Water Board has received requests for \$12.8 million of those funds.
- **Fire Activity:** Since the beginning of the year, firefighters from CAL FIRE and the U.S. Forest Service have responded to over 200 wildfires across the state, burning 88 acres. Fire activity across California is low resulting in 41 combined wildfires in just the past week.
- **CAL FIRE Burn Suspension Status:** Due to cooler temperatures and recent rains, CAL FIRE has lifted the burn suspension in the State Responsibility Area in Northern California and portions of Central California, allowing residential outdoor burning of landscape debris with a permit. CAL FIRE continues to monitor weather conditions closely and has the ability to increase staffing should the weather conditions change or if there is a need to support wildfire activity and any other emergencies in the State. For additional information on preparing for and preventing wildfires, please visit <http://www.readyforwildfire.org/>.

Local Government

- **Local Emergency Proclamations:** A total of 63 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:
 - **29 Counties:** Butte, Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
 - **13 Cities:** City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), City of Rancho Cucamonga (San Bernardino County), City of West Sacramento (Yolo County), City of Willits (Mendocino County) and the City of Fort Bragg (Mendocino County).
 - **9 Tribes:** Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
 - **12 Special Districts:** Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County),

Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).

- **Water Agency Conservation Efforts:** The Association of California Water Agencies (ACWA) [has identified](#) several hundred local water agencies that have implemented water conservation actions. These water agencies [are responding to the drought](#) by implementing conservation programs, which include voluntary calls for reduced water usage and mandatory restrictions where water shortages are worst.

ACWA [released](#) a Drought Response Toolkit to assist water agencies as they take action to meet state-mandated water conservation target and communicate information about water use restrictions, enforcement and other issues with their customers, media and other audiences.

- **County Drought Taskforces:** A total of 33 counties have established drought task forces to coordinate local drought response. These counties include: Butte, Colusa, Glenn, Humboldt, Kern, Kings, Lake, Madera, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Orange, Placer, Plumas, Sacramento, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Siskiyou, Stanislaus, Solano, Sutter, Tehama, Trinity, Tulare, Tuolumne, and Yolo.
- **Tribal Taskforce:** A total of 7 tribes have established drought task forces to coordinate tribal drought response. These tribes include: Hoopa Valley Tribe (Humboldt County), Hopland Tribe (Mendocino County), Karuk Tribe (Siskiyou County), La Jolla Band of Luiseno Indians (San Diego County), Sherwood Valley Tribe (Mendocino County), Trinidad Tribe (Humboldt County), and Yurok Tribe (Humboldt and Del Norte County).

DROUGHT RELATED WEBSITES FOR MORE INFORMATION

[Drought.CA.Gov](#): California's Drought Information Clearinghouse

State's Water Conservation Campaign, [Save Our Water](#)
Local Government, [Drought Clearinghouse and Toolkit](#)

California Department of Food and Agriculture, [Drought Information](#)

California Department of Water Resources, [Current Water Conditions](#)

California Data Exchange Center, [Snow Pack/Water Levels](#)

California State Water Resources Control Board, Water Rights, [Drought Info and Actions](#)

California Natural Resources Agency, [Drought Info and Actions](#)

State Water Resources Control Board, Drinking Water, [SWRCB Drinking Water Program](#)

California State Water Project, [Information](#)

[U.S. Drought Monitor](#) for Current Conditions throughout the Region

[U.S. Drought Portal](#), National Integrated Drought Information System (NIDIS)

National Weather Service [Climate Predictor Center](#)

USDA Drought Designations by County [CA County Designations](#)

USDA Disaster and Drought Assistance Information [USDA Programs](#)

U.S. Small Business Administration Disaster Assistance Office



April 12, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: General Manager

Subject : Water Budget "Rollover" Proposal: Review and Discuss

SUMMARY:

On March 8, 2016, Mr. Joel Friedman of Calabasas addressed the Board, requesting that the District allow its customers to "rollover" unused water budget amounts from month-to-month. Several Board Members expressed an interest in discussing the proposal at a future meeting when it could be properly agendaized. As described, the proposal would enable customers using less than their water budget in any given month to carry forward a water credit to offset future, more-costly usage in the inefficient or excessive use tiers. Attached are copies of materials submitted by Mr. Friedman in support of his proposal.

Staff evaluated the proposal and concluded that it does not support the objective of budget-based rates to encourage efficient water use all the time and would result in under-collection of the cost of providing water service. As a result, further study of the proposal is not recommended.

RECOMMENDATION(S):

Review and discuss the water budget "rollover" proposal by Mr. Joel Friedman.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

No

FINANCIAL IMPACT:

If adopted, the water budget "rollover" proposal would result in the District under-collecting for the cost of water service.

DISCUSSION:

Background:

In late January 2016, Mr. Joel Friedman of Calabasas contacted the District to express his pleasure with the Board's recent decision to lift the one-day-per-week watering restriction and allow customers to manage their water use within an allocated water budget. However, he was disappointed to learn that customers using less than their budgeted amount in a given month could not carry forward the "unused" units of water forward. The General Manager responded to Mr. Friedman on behalf of the District, explaining the rationale for the budget-based rate system and objective to encourage efficient water use all the time. Mr. Friedman wanted to bring the issue to the attention of the Board along with his water budget "rollover" proposal.

Analysis of Proposal:

As submitted, Mr. Friedman's proposal is *"to request the Board consider amending its recent policy which would impose a monthly surcharge upon customers, even in situations where the customer uses less than their allotted budget."*

First, it is important to clarify the terminology as the District's budget-based rates do not include surcharges. Customers who exceed their water budgets pay higher unit rates for the portion of their usage that is considered inefficient (over 100% and up to 150% of budget) and excessive (over 150% of budget). Customers who use less than their water budget in a given month are not subject to the higher, inefficient and excessive unit rates. However, customers who use less than their water budget in January, for example, cannot carry over the "unused" budgeted amount to offset inefficient or excessive usage in a future month. Budget-based rates are structured in this fashion to encourage efficient water use all the time; the proposal would not support that objective.

Further, the budget-based rate structure is designed to recover the cost of providing water service to customers. Inefficient and excessive water use places additional demands on the water systems and results in higher unit costs for that portion of the service, primarily due to the impact of peaking. Allowing inefficient and excessive water use to be billed at the lower unit rate for efficient use, even if the customer was under budget in a prior month, would not be cost of service based. As a result, the proposal runs contrary to the requirements of Proposition 218 and would result in the District under-collecting for the cost of water service.

Finally, the materials submitted by Mr. Friedman reference the Metropolitan Water District's Water Supply Allocation Plan (WSAP) and a 2010 District press release as supportive of a "rollover" policy. However, it is important to distinguish that both of these documents pertain to surcharges that were to be assessed by Metropolitan for exceedances of annual water allocations, and passed on to customers, during a time of water shortage under its WSAP. These are not charges for the routine operation and maintenance of the water system as is the case for the budget-based rate structure. As a result, the two situations are not comparable.

Water Budget Adjustments:

On a related note, the Board adopted a Policy for Water Budget Adjustments on November 24, 2015. The adjustments are intended to address specific customer needs and recognize

that unplanned water use can arise from time-to-time. The policy provides a framework for adjusting water budgets due to changes in the number of residents and irrigated area, medical needs, livestock and filling of swimming pools. Mr. Friedman's concerns with the potential for occasional over-budget water usage may be addressed in part by the application of water budget adjustments.

GOALS:

Provide Safe and Quality Water with Reliable Services

Prepared by: David W. Pedersen, General Manager

ATTACHMENTS:

Letter from Joel Friedman - March 8, 2016

Email from Joel Friedman - March 24, 2016

March 8, 2016

To: Las Virgenes Municipal Water District – Board of Directors

Dear Board Members,

My name is Joel Friedman and I live in Calabasas. I am speaking this evening to request the Board consider amending its recent policy which would impose a monthly surcharge upon customers, even in situations where the customer uses less water than their allotted budget.

For example, if a customer is assigned a budget of 20 units per month and uses only 15 units in the first month and 21 units in the next, the customer is assessed a surcharge for that 1 extra unit utilized in the second month, even though they are still 4 units under budget overall.

This policy is grossly unfair to those customers whose conservation efforts have resulted in using less water than their assigned budgets. Rather than punishing these customers with a surcharge for occasional and minimal over use, these customers should be rewarded for their conservation efforts by allowing them to rollover and apply their unused units to future months.

In addition, assessing customers a surcharge on a monthly basis is inconsistent with the way in which the District itself is assessed surcharges by the Municipal Water District (MWD). I have included for your review an excerpt from the most current "Water Supply Allocation Plan" as published by the MWD. On page 14 of this plan it states: ***"Allocation Surcharges will only be assessed to the extent that an agency's total annual usage exceeds its total annual allocation."***

I have also included a second document which speaks even more directly to the benefits of a policy that would permit customers to rollover and apply their unused budgeted units to future months. Specifically, this document states that a "rollover" policy would: ***"allow customers to better manage their water use across billing cycles and possibly reduce or eliminate penalties paid by customers who occasionally exceed their allotment limit."***

This document is entitled "Board Approves Surcharge Credits and Water Budget Rollovers" and was published by the Board of Directors of the LVMWD on May 12, 2010. This document leaves absolutely no doubt that the Board not only recognized the benefits of a rollover plan, but that it thoroughly researched and approved such a plan for District wide implementation.

Therefore, and in conclusion, I request that the Board reconsider its monthly surcharge policy and adopt an annual rollover plan that is fair to its customers, consistent with the policies of the MWD and in keeping with the same policy previously endorsed and implemented by the District itself only a few years ago.

I thank you for your consideration of this request and look forward to your response.

Sincerely,

Joel Friedman
3011 Mountain Park Drive
Calabasas, CA 91302
Phone: 818-222-7226
E-mail: joel_friedman@hotmail.com

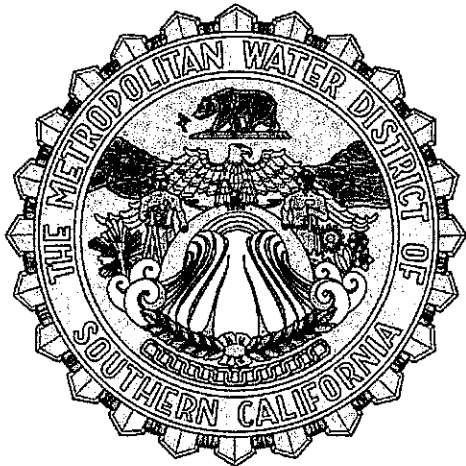
Attachments:

- 1) Page 14 – Water Supply Allocation Plan – December 2014 – Metropolitan Water District of Southern California
- 2) Press Release – Las Virgenes Municipal Water District – May 12, 2010

Water Supply Allocation Plan



December 2014 Revision



Metropolitan Water District of
Southern California

Exit Strategy

While the Board ultimately has discretion to implement or lift and allocation at any point of time during the year; the WSAP includes a two-part exit strategy that is meant to streamline the WSAP implementation decision making process.

- If the Board decides to implement the WSAP, then any current WSAP allocation would remain in place until the end of the Allocation Year.
- If the Board decides not to implement the WSAP, then any current WSAP allocation would be terminated concurrent with the Board decision.

Allocation Appeals Process

An appeals process is necessary for the administration of any changes or corrections to an agency's allocation. Metropolitan's General Manager will designate, subsequent to a declaration of an allocation by the Board of Directors, an Appeals Liaison as the official point of contact for all information and inquiries regarding appeals. All member agency General Managers will be notified in writing of the name and contact information of the Appeals Liaison. Only appeals that are made through the Appeals Liaison and in accordance with the provisions outlined in Appendix N: Allocation Appeals Process will be evaluated. Basis for appeals claims can include but are not limited to:

- Adjusting erroneous historical data used in base period calculations
- Adjusting for population growth rates
- Determining if a local supply qualifies as Extraordinary Supply

Additional details and a checklist for the appeals process are available in Appendix N: Allocation Appeals Process and Appendix O: Appeals Submittal Checklist.

Allocation Surcharge

Member agency allocations are supported by an Allocation Surcharge. The Allocation Surcharge is charged to water use above the Member Agency allocation and is charged in addition to Metropolitan's standard rates for water service. Allocation Surcharges will only be assessed to the extent that an agency's total annual usage exceeds its total annual allocation. Any revenues collected through the Allocation Surcharge will be applied towards Metropolitan's Water Management Fund, which is used to in part to fund expenditures in dry-year conservation. No billing or assessment of allocation surcharges rates will take place until the end of the twelve-month allocation period.

Allocation Surcharge: The application of the Allocation Surcharge structure is a two tier structure that provides a lower level of Allocation Surcharge for minor overuse of allocations and a higher level of Allocation Surcharge for major overuse of allocations. The structure and applicable Allocation Surcharges are listed in Table 2.



Dedicated to Providing Quality
Water & Wastewater Service

OFFICERS

President
Charles Caspary
Director, Division 1

Vice President
Lee Renger
Director, Division 3

Treasurer
Jeffery A. Smith
Director, Division 5

Secretary/MWD Representative
Glen Peterson
Director, Division 2

Joseph M. Bowman
Director, Division 4

John R. Mundy
General Manager

Wayne K. Lemieux
Counsel

HEADQUARTERS
4232 Las Virgenes Road
Calabasas, CA 91302
(818) 251-2100
Fax (818) 251-2109

WESTLAKE
FILTRATION PLANT
(818) 251-2370
Fax (818) 251-2379

TAPIA WATER
RECLAMATION FACILITY
(818) 251-2300
Fax (818) 251-2309

RANCHO LAS VIRGENES
COMPOSTING FACILITY
(818) 251-2340
Fax (818) 251-2349

www.LVMWD.com

MEMBER AGENCY OF THE
METROPOLITAN WATER
DISTRICT
OF SOUTHERN CALIFORNIA

For Immediate Release

For More Information:
Jeff Reinhardt
818-251-2150

**LVMWD Board Approves Surcharge Refund Credits
and Water Budget "Rollovers"**

CALABASAS, CA - May 12, 2010 - At its May 11 meeting, the Las Virgenes Municipal Water District (LVMWD) Board of Directors approved a policy that will credit funds collected for previous over-budget use to a future water service bill. The refund credits were authorized because District-wide water conservation has been close to the annual target set by the Metropolitan Water District of Southern California, LVMWD's sole supply of water.

"The charges for over-budget use were assessed anticipating the need to pay penalties to Metropolitan for exceeding our District allocation," said John R. Mundy, LVMWD's General Manager. "It now appears that the public has responded to our calls for conservation; with the result that we will pay little or nothing in the way of penalties to Metropolitan. Since the penalties collected are not needed, the money will be refunded in the form of credits against future bills."

For customers at or under their cumulative budgeted use during the last three billing periods in 2009, full credit will be applied. For those over their budgeted use, a 90 percent credit will be applied. The remaining 10 percent may be credited at a later time, provided the funds are not needed for LVMWD to pay Metropolitan for exceeding its agency allotment, which runs through June 30. The credits will begin appearing in customer bills in May. Final usage figures will not be available until late July; if further credits are warranted, affected customers will receive notifications with their service bills.

--more--

Some 12,000 LVMWD customers will receive refund credits totaling approximately \$3 million.

Budget Program Modified to Include "Rollovers"

In another major change to the water allocation program, the LVMWD Board also approved a water budget "rollover" policy which will accumulate under-usage across billing periods during the water-use year that begins each July.

The new policy will credit water use under bimonthly allotments against other billing periods where usage exceeds the budget for that period. The change was described as a policy similar to cellular telephone companies that allow unused "minutes" to roll over from one billing period to the next. The net effect will allow customers to better manage their water use across billing cycles and possibly reduce or eliminate penalties paid by customers who occasionally exceed their allotment limit.

Conservation Programs Effective

Board members attributed the policy changes as being made possible by LVMWD customers who responded to the call for conservation and to reduced irrigation demand resulting from this year's wet winter weather.

Las Virgenes Municipal Water District serves some 65,000 persons in the cities of Agoura Hills, Calabasas, Hidden Hills, Westlake Village and surrounding unincorporated areas of Los Angeles County.

###

From: [Joel Friedman](#)
 To: [Pedersen, David](#)
 Subject: Friedman - Board Presentation Tuesday March 8, 2016
 Date: Thursday, March 24, 2016 11:59:19 AM
 Attachments: [image003.png](#)

Dear Mr. Pedersen,

It was a pleasure meeting you. As you recall, on Tuesday March 8, 2016 I made a brief presentation to the Board during the public speaker portion of the meeting. In that presentation I also provided materials in support of my request that the Board consider revising its surcharge policy to allow customers to rollover their unused budgeted units to future months.

In response, one of the Board members commented that the matter would be taken up in committee and I am writing to request an update on the status of that committee. In addition, I would like to present another exhibit for the committee to consider as it reviews this proposal.

A comparison of the two charts below best illustrates what I believe is the unfair nature of the current monthly surcharge policy.

The first chart illustrates the current plan using hypothetical unit values for monthly budget, monthly usage and monthly surcharges. The result is that there is a surcharge for 5 of the 12 months for a total of 9 units usage over budget.

The second chart illustrates the proposed rollover plan and uses the identical unit values. However, this plan results in only one surcharge for being only 1 unit over budget in month 10, at which time the rollover carry forward balance is fully utilized and is set back to zero so the accumulation process can begin again in month 11.

Current Monthly Plan													
Units	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Total
Monthly Budget	25	23	21	18	21	25	24	22	21	22	22	20	264
Monthly Usage	23	22	22	17	23	22	23	24	23	24	19	19	261
Monthly Variance	-2	-1	1	-1	2	-3	-1	2	2	2	-3	-1	
			Surcharge		Surcharge			Surcharge	Surcharge	Surcharge			
Proposed Rollover Plan													
Units	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Total
Monthly Budget	25	23	21	18	21	25	24	22	21	22	22	20	264
Monthly Usage	23	22	22	17	23	22	23	24	23	24	19	19	261
Monthly Variance	-2	-1	1	-1	2	-3	-1	2	2	2	-3	-1	
Rollover Variance	-2	-3	-2	-3	-1	-4	-5	-3	-1	Surcharge			
										Reset Rollover balance to 0 and start over			

Under the proposed change, the current method of assigning monthly budgets and issuing monthly billing statements would not change at all. The only change would be to the method by which a surcharge is calculated by allowing a customer to rollover their unused units from month to month. Even though the illustrations are for twelve months, there is no reason for the proposed plan to arbitrarily end on an annual basis. The customer should be allowed to carry forward their unused units from month to month indefinitely, after all they did earn these unused units through their own conservation efforts.

I thank you for including this in the review process and I look forward to receiving an update regarding your decision in this matter.

Sincerely,

Joel Friedman
 3011 Mountain Park Drive
 Calabasas, CA 91302



April 12, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: General Manager

Subject : Support for ACA 8 (Bloom): Local Government Financing

SUMMARY:

As introduced, ACA 8 would create an exception under Article XIII of the California Constitution, enabling a special district, municipality, or county to levy an ad valorem tax in an amount greater than 1% of the assessed property value; impose, extend or increase a special tax; and, or incur bonded indebtedness for the sole purpose of constructing water, stormwater or wastewater related infrastructure, if approved by a 55% supermajority public vote, and specified accountability requirements are met.

RECOMMENDATION(S):

Express support for ACA 8 (Bloom): Local Government Financing: water facilities and infrastructure: voter approval.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

FINANCIAL IMPACT:

There is no financial impact associated with this action.

DISCUSSION:

Existing Law:

Article XIII of the California Constitution currently requires a special district, municipality or a

county to receive a 2/3 (66%) majority vote in order to levy an ad valorem tax in an amount greater than 1% of the assessed population value; impose, extend or increase a special tax; and or incur bonded indebtedness.

Proposition 39, The School Facilities Local Vote Act (2000):

In 2000, faced with overcrowding student populations in public schools and the increasing cost of construction and property for new schools, Proposition 39 was passed by a vote of the public (54%). Proposition 39 amended Article XIII of the California Constitution and lowered the voter threshold for school districts to impose special taxes and incur bonded indebtedness for the sole purpose of constructing school facilities to 55%. Upon voter approval, Proposition 39 had an immediate impact on school districts' ability to construct, reconstruct, rehabilitate or replace school facilities with local support.

ACA 8 is modeled after Proposition 39 and would place water supply, stormwater and wastewater projects on par with schools.

Support:

The following agencies/organizations have expressed support for ACA 8.

- West Basin Municipal Water District
- Association of California Water Agencies
- Southern California Water Committee
- California Municipal Utilities Association
- California Association of Sanitation Agencies
- WaterReuse California
- San Diego County Water Authority
- Three Valleys Municipal Water District
- Central Basin Municipal Water District

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: David W. Pedersen, General Manager

ATTACHMENTS:

ACA 8 (Bloom) - Introduced
ACA Talking Points and Overview

Assembly Constitutional Amendment

No. 8

Introduced by Assembly Member Bloom

February 18, 2016

Assembly Constitutional Amendment No. 8—A resolution to propose to the people of the State of California an amendment to the Constitution of the State, by amending Sections 1 and 4 of, and by adding Section 4.5 to, Article XIII A thereof, by amending Section 2 of Article XIII C thereof, by amending Section 3 of Article XIII D thereof, and by amending Section 18 of Article XVI thereof, relating to water facilities and infrastructure.

LEGISLATIVE COUNSEL'S DIGEST

ACA 8, as introduced, Bloom. Local government financing: water facilities and infrastructure: voter approval.

(1) The California Constitution prohibits the ad valorem tax rate on real property from exceeding 1% of the full cash value of the property, subject to certain exceptions.

This measure would create an additional exception to the 1% limit for a rate imposed by a city, county, city and county, or special district to service bonded indebtedness incurred to fund the construction, reconstruction, rehabilitation, or replacement of wastewater treatment facilities and related infrastructure, potable water producing facilities and related infrastructure, nonpotable water producing facilities and related infrastructure, and stormwater treatment facilities and related infrastructure, that is approved by 55% of the voters of the city, county, city and county, or special district, as applicable, if the proposition meets specified requirements, and would authorize a city, county, city and county, or special district to levy a 55% vote ad valorem tax.

(2) The California Constitution conditions the imposition of a special tax by a city, county, or special district upon the approval of $\frac{2}{3}$ of the voters of the city, county, or special district voting on that tax, and prohibits these entities from imposing an ad valorem tax on real property or a transactions or sales tax on the sale of real property.

This measure would instead condition the imposition, extension, or increase of a special tax by a city, county, city and county, or special district for the purpose of funding wastewater, stormwater, and water treatment, supply and delivery facilities and infrastructure, upon the approval of 55% of its voters voting on the proposition, if the proposition meets specified requirements. This measure would also make conforming changes to related provisions.

(3) The California Constitution prohibits specified local government agencies from incurring any indebtedness exceeding in any year the income and revenue provided in that year, without the assent of $\frac{2}{3}$ of the voters and subject to other conditions. In the case of a school district, community college district, or county office of education, the California Constitution permits a proposition for the incurrence of indebtedness in the form of general obligation bonds for the construction, reconstruction, rehabilitation, or replacement of school facilities, including the furnishing and equipping of school facilities, or the acquisition or lease of real property for school facilities, to be adopted upon the approval of 55% of the voters of the district or county, as appropriate, voting on the proposition at an election.

This measure would similarly lower to 55% the voter-approval threshold for a city, county, or city and county to incur bonded indebtedness, exceeding in any year the income and revenue provided in that year, that is in the form of general obligation bonds issued to fund the construction, reconstruction, rehabilitation, or replacement of wastewater treatment facilities and related infrastructure, potable water producing facilities and related infrastructure, nonpotable water producing facilities and related infrastructure, and stormwater treatment facilities and related infrastructure.

Vote: $\frac{2}{3}$. Appropriation: no. Fiscal committee: no.
State-mandated local program: no.

- 1 *Resolved by the Assembly, the Senate concurring,* That the
- 2 Legislature of the State of California at its 2015–16 Regular
- 3 Session commencing on the first day of December 2014, two-thirds
- 4 of the membership of each house concurring, hereby proposes to

1 the people of the State of California, that the Constitution of the
2 State be amended as follows:

3 First— That Section 1 of Article XIII A thereof is amended to
4 read:

5 SECTION 1. (a) The maximum amount of any ad valorem
6 tax on real property shall not exceed ~~One 1 percent (1%)~~ of the
7 full cash value of ~~such~~ *that* property. The ~~one 1 percent (1%)~~ tax
8 ~~to~~ *shall* be collected by the counties and apportioned according to
9 law to the districts within the counties.

10 (b) The limitation provided for in subdivision (a) shall not apply
11 to ad valorem taxes or special assessments to pay the interest and
12 redemption charges on any of the following:

13 (1) Indebtedness approved by the voters prior to July 1, 1978.

14 (2) Bonded indebtedness ~~for~~ *to fund* the acquisition or
15 improvement of real property approved on or after July 1, 1978,
16 by two-thirds of the votes cast by the voters voting on the
17 proposition.

18 (3) Bonded indebtedness incurred by a school district,
19 community college district, or county office of education for the
20 construction, reconstruction, rehabilitation, or replacement of
21 school facilities, including the furnishing and equipping of school
22 facilities, or the acquisition or lease of real property for school
23 facilities, approved by 55 percent of the voters of the district or
24 county, as appropriate, voting on the proposition on or after ~~the~~
25 ~~effective date of the measure adding this paragraph.~~ *November 8,*
26 *2000.* This paragraph shall apply only if the proposition approved
27 by the voters and resulting in the bonded indebtedness includes
28 all of the following accountability requirements:

29 (A) A requirement that the proceeds from the sale of the bonds
30 be used only for the purposes specified in ~~Article XIII A, Section~~
31 ~~1(b)(3); this paragraph~~ and not for any other purpose, including
32 teacher and administrator salaries and other school operating
33 expenses.

34 (B) A list of the specific school facilities projects to be funded
35 and certification that the school district board, community college
36 board, or county office of education has evaluated safety, class
37 size reduction, and information technology needs in developing
38 that list.

39 (C) A requirement that the school district board, community
40 college board, or county office of education conduct an annual,

1 independent performance audit to ensure that the funds have been
2 expended only on the specific projects listed.

3 (D) A requirement that the school district board, community
4 college board, or county office of education conduct an annual,
5 independent financial audit of the proceeds from the sale of the
6 bonds until all of those proceeds have been expended for the school
7 facilities projects.

8 (4) (A) *Bonded indebtedness, approved by 55 percent of the*
9 *voters of the city, county, city and county, or special district, as*
10 *appropriate, voting on the proposition on or after the effective*
11 *date of the measure adding this paragraph, incurred by a city,*
12 *county, city and county, or special district to fund the construction,*
13 *reconstruction, rehabilitation, or replacement of wastewater*
14 *treatment facilities and related infrastructure, potable water*
15 *producing facilities and related infrastructure, nonpotable water*
16 *producing facilities and related infrastructure, and stormwater*
17 *treatment facilities and related infrastructure. This paragraph*
18 *shall apply only if the proposition approved by the voters and*
19 *resulting in the bonded indebtedness includes all of the following*
20 *accountability requirements:*

21 (i) *A requirement that the proceeds from the sale of the bonds*
22 *be used only for the purposes specified in this paragraph and not*
23 *for any other purpose.*

24 (ii) *A list of any and all specific facilities and projects to be*
25 *funded.*

26 (iii) *A requirement that the governing board of the city, county,*
27 *city and county, or special district conduct an annual independent*
28 *performance audit to ensure that the funds have been expended*
29 *only on the specific projects listed.*

30 (iv) *A requirement that the governing board of the city, county,*
31 *city and county, or special district conduct an annual independent*
32 *financial audit of the proceeds from the sale of the bonds until all*
33 *of those proceeds have been expended for the projects identified.*

34 (B) *For purposes of this paragraph, “special district” has the*
35 *same meaning as that term is used in subdivision (c) of Section 1*
36 *of Article XIII C, excluding a school district and redevelopment*
37 *agency.*

38 (c) *Notwithstanding any other provisions of law or of this*
39 *Constitution, school districts, community college districts, and*

1 county offices of education may levy a 55 percent vote ad valorem
2 tax pursuant to *paragraph (3) of subdivision (b)*.

3 *(d) Notwithstanding any other provisions of law or of this*
4 *Constitution, a city, county, city and county, or special district*
5 *may levy a 55 percent vote ad valorem tax pursuant to paragraph*
6 *(4) of subdivision (b).*

7 Second— That Section 4 of Article XIII A thereof is amended
8 to read:

9 ~~SEC. 4. Cities, Counties and special districts, Except as~~
10 ~~provided by Section 4.5, a city, county, or special district, by a~~
11 ~~two-thirds vote of the qualified electors of such district, its voters~~
12 ~~voting on the proposition, may impose special taxes on such~~
13 ~~district, a special tax within that city, county, or special district,~~
14 ~~except an ad valorem taxes tax on real property or a transaction~~
15 ~~transactions tax or sales tax on the sale of real property within~~
16 ~~such City, County that city, county, or special district.~~

17 Third— That Section 4.5 is added to Article XIII A thereof,
18 to read:

19 SEC. 4.5. (a) The imposition, extension, or increase of a special
20 tax by a city, county, city and county, or special district, as may
21 otherwise be authorized by law for the purpose of funding
22 wastewater, stormwater, and water treatment, supply and delivery
23 facilities and infrastructure projects, is subject to approval by 55
24 percent of the voters in the city, county, city and county, or special
25 district, as applicable, voting on the proposition, if all of the
26 following conditions are met:

27 (1) The proposition is approved by a majority vote of the
28 membership of the governing board of a city, county, city and
29 county, or special district.

30 (2) The proposition contains all of the following accountability
31 requirements:

32 (A) A list of the specific projects that are to be funded.

33 (B) A requirement that the proceeds be used only for the projects
34 specified in the proposition, and not for any other purpose.

35 (C) To ensure compliance with subparagraph (B), a requirement
36 that the governing board of a city, county, city and county, or
37 special district conduct an annual, independent financial audit of
38 the amount of special tax proceeds collected and expended, and
39 the specified projects funded.

1 (D) To ensure compliance with subparagraph (B), a requirement
 2 that the governing board of a city, county, city and county, or
 3 special district establish a citizens’ oversight committee to review
 4 all expenditures of proceeds and financial audits, and report its
 5 findings to the governing board and to the public.

6 (b) For purposes of this section, “wastewater, stormwater, and
 7 water treatment, storage, supply, and delivery facilities and
 8 infrastructure projects” include, but are not limited to, projects that
 9 promote any of the following:

10 (1) Water reuse and recycling for nonpotable reuse and direct
 11 and indirect potable reuse.

12 (2) Local and regional surface and underground water storage,
 13 including groundwater aquifer cleanup or recharge projects.

14 (3) Regional water conveyance facilities that improve integration
 15 of separate water systems.

16 (4) Watershed protection, restoration, and management projects,
 17 including projects that reduce the risk of wildfire or improve water
 18 supply reliability.

19 (5) Stormwater resource management, including, but not limited
 20 to, the following:

21 (A) Projects to reduce, manage, treat, or capture rainwater or
 22 stormwater.

23 (B) Projects that provide multiple benefits such as water quality,
 24 water supply, flood control, or open space.

25 (6) Conjunctive use of surface and groundwater storage
 26 facilities.

27 (7) Water desalination.

28 (8) Improvement of water quality, including drinking water
 29 treatment and distribution, groundwater and aquifer remediation,
 30 matching water quality to water use, wastewater treatment, water
 31 pollution prevention, and management of urban and agricultural
 32 runoff.

33 Fourth— That Section 2 of Article XIII C thereof is amended
 34 to read:

35 ~~SEC. 2. Local Government Tax Limitation.~~ Notwithstanding
 36 any other provision of this Constitution:

37 (a) ~~All taxes~~ Any tax imposed by any local government shall be
 38 ~~deemed to be~~ is either a general taxes tax or a special taxes. Special
 39 ~~purpose districts tax.~~ A special district or agencies, agency

1 including ~~a school districts, shall have no power~~ *district, has no*
2 *authority to levy a general taxes: tax.*

3 (b) ~~No~~A local government may *not* impose, extend, or increase
4 any general tax unless and until that tax is submitted to the
5 electorate and approved by a majority vote. A general tax ~~shall is~~
6 ~~not be~~ deemed to have been increased if it is imposed at a rate not
7 higher than the maximum rate so approved. The election required
8 by this subdivision shall be consolidated with a regularly scheduled
9 general election for members of the governing body of the local
10 government, except in cases of emergency declared by a unanimous
11 vote of the governing body.

12 (c) Any general tax imposed, extended, or increased, without
13 voter approval, by any local government on or after January 1,
14 1995, and prior to the effective date of this article, ~~shall may~~
15 continue to be imposed only if *that general tax is* approved by a
16 majority vote of the voters voting in an election on the issue of the
17 imposition, which election shall be held ~~within two years of the~~
18 ~~effective date of this article~~ *no later than November 6, 1996,* and
19 in compliance with subdivision (b).

20 (d) ~~No~~ *Except as provided by subdivision (c) or (d) of Section*
21 *1 of, or Section 4.5 of, Article XIII A,* a local government may *not*
22 impose, extend, or increase any special tax unless and until that
23 tax is submitted to the electorate and approved by a two-thirds
24 vote. A special tax ~~shall is~~ not be deemed to have been increased
25 if it is imposed at a rate not higher than the maximum rate so
26 approved.

27 Fifth— That Section 3 of Article XIII D thereof is amended
28 to read:

29 SEC. 3. ~~Property Taxes, Assessments, Fees and Charges~~
30 ~~Limited.~~ (a) ~~No~~ *An agency shall not assess a tax, assessment, fee,*
31 *or charge shall be assessed by any agency* upon any parcel of
32 property or upon any person as an incident of property ownership
33 except:

34 (1) The ad valorem property tax imposed pursuant to Article
35 XIII and Article XIII A.

36 (2) Any special tax receiving a two-thirds vote pursuant to
37 Section 4 of Article XIII A *or, as applicable, a 55 percent vote*
38 *pursuant to subdivision (c) or (d) of Section 1 of, or Section 4.5,*
39 *of Article XIII A.*

40 (3) Assessments as provided by this article.

1 (4) Fees or charges for ~~property-related~~ *property-related* services
2 as provided by this article.

3 (b) For purposes of this article, fees for the provision of electrical
4 or gas service ~~shall are not be~~ deemed charges or fees imposed as
5 an incident of property ownership.

6 Sixth— That Section 18 of Article XVI thereof is amended to
7 read:

8 SEC. 18. (a) ~~No~~ A county, city, town, township, board of
9 education, or school ~~district,~~ *district* shall *not* incur any
10 indebtedness or liability in any manner or for any purpose
11 exceeding in any year the income and revenue provided for ~~such~~
12 *that* year, without the assent of two-thirds of the voters of the public
13 entity voting at an election to be held for that purpose, except that
14 with respect to any ~~such~~ public entity ~~which~~ *that* is authorized to
15 incur indebtedness for public school purposes, any proposition for
16 the incurrence of indebtedness in the form of general obligation
17 bonds for the purpose of repairing, ~~reconstructing~~ *reconstructing*,
18 or replacing public school buildings determined, in the manner
19 prescribed by law, to be structurally unsafe for school use, shall
20 be adopted upon the approval of a majority of the voters of the
21 public entity voting on the proposition at ~~such~~ *that* election; nor
22 unless before or at the time of incurring ~~such~~ *indebtedness* ~~the~~
23 *indebtedness*, provision shall be made for the collection of an
24 annual tax sufficient to pay the interest on ~~such~~ *the* indebtedness
25 as it falls due, and to provide for a sinking fund for the payment
26 of the principal thereof, on or before ~~maturity,~~ *maturity* ~~which~~ *that*
27 shall not exceed ~~forty~~ 40 years from the time of contracting the
28 indebtedness.

29 (b) Notwithstanding subdivision (a), on or after ~~the effective~~
30 ~~date of the measure adding this subdivision,~~ *November 8, 2000*,
31 in the case of any school district, community college district, or
32 county office of education, any proposition for the incurrence of
33 indebtedness in the form of general obligation bonds for the
34 construction, reconstruction, rehabilitation, or replacement of
35 school facilities, including the furnishing and equipping of school
36 facilities, or the acquisition or lease of real property for school
37 facilities, shall be adopted upon the approval of 55 percent of the
38 voters of the district or county, as appropriate, voting on the
39 proposition at an election. This subdivision shall apply only to a
40 proposition for the incurrence of indebtedness in the form of

1 general obligation bonds for the purposes specified in this
2 subdivision if the proposition meets all of the accountability
3 requirements of paragraph (3) of subdivision (b) of Section 1 of
4 Article XIII A.

5 *(c) Notwithstanding subdivision (a), on or after the effective*
6 *date of the measure adding this subdivision, in the case of any city,*
7 *county, or city and county, any proposition to incur indebtedness*
8 *in the form of general obligation bonds shall be adopted by 55*
9 *percent of the voters of the city, county, or city and county, as*
10 *applicable, voting on the proposition at an election, where the*
11 *general obligation bonds would fund the construction,*
12 *reconstruction, rehabilitation, or replacement of wastewater*
13 *treatment facilities and related infrastructure, potable water*
14 *producing facilities and related infrastructure, nonpotable water*
15 *producing facilities and related infrastructure, and stormwater*
16 *treatment facilities and related infrastructure.*

17 ~~(e)~~

18 *(d) When two or more propositions for incurring any*
19 *indebtedness or liability are submitted at the same election, the*
20 *votes cast for and against each proposition shall be counted*
21 *separately, and when two-thirds or a majority or 55 percent or a*
22 *majority of the voters, as the case may be, voting on any one of*
23 *those propositions, vote in favor thereof, the proposition shall be*
24 *deemed adopted.*

ACA 8 (Bloom) Local Government Financing:
water facilities and infrastructure: voter approval.

Talking Points

- ACA 8 (Assembly Constitutional Amen^dment): Local Government Financing: water facilities and infrastructure: voter approval.
- Authored by Assemblyman Richard Bloom (representing the Cities of Malibu, Santa Monica, Beverly Hills, and West Hollywood).
- After enduring five years of extreme drought, and acknowledging the long term implications on California's water supply due to climate change the need to invest in local water supply and stormwater infrastructure is at an all-time high.
- ACA 8 would lower the vote threshold for local governments to pursue certain financing measures from 66% to a 55% supermajority, for the purpose of constructing water supply, stormwater and wastewater treatment facilities and infrastructure.
- ACA 8 would reduce dependence on state and federal funding, would allow local beneficiaries to pay for local projects when supported by a supermajority, and provide specific accountability safeguards to hold local government
- The bill is modeled after Proposition 39, which was passed by a vote of the public in 2000. Prop. 39 lowered the vote threshold for school districts to construct and rehabilitate school facilities.
- The passage of Prop. 39 saw an immediate impact on California school districts' abilities to address student overcrowding and aging school facilities.
- ACA 8 would enable local agencies, with voter support, to fund new facilities and related infrastructure for critical water supply projects, stormwater capture and treatment, wastewater treatment, and surface and groundwater projects; and would send a clear message that water is vital to our communities, and should be our highest, most immediate priority.
- Specifically, ACA 8 would create an exception under Article XIII of the California Constitution, enabling a special district, municipality, or county to levy an ad valorem tax in an amount greater than 1% of the assessed property value; impose, extend or increase a special tax; and, or incur bonded indebtedness for the sole purpose of constructing water, stormwater or wastewater related infrastructure, if approved by a 55% supermajority public vote, and specified accountability requirements are met. Under existing law, a 66% majority is required.



April 12, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: General Manager

Subject : Long-Term Water Conservation and Management Policy: Resolution

SUMMARY:

On March 22, 2016, Board President Glen Peterson expressed a concern that trailer bill language may be proposed for the State Water Resources Control Board (SWRCB) to enact long-term water conservation and management regulations. Additionally, SWRCB staff have expressed an interest in developing a long-term conservation framework. District staff believes the California Department of Water Resources and local water agencies are best equipped to develop and implement long-term water conservation and management policy. On April 6, 2016, the Association of California Water Agencies issued the attached Outreach Alert, urging members to adopt resolutions to preserve local control over water conservation and management strategies.

RECOMMENDATION(S):

Pass, approve, and adopt Resolution No. 2491, regarding long-term water conservation and management policy in California.

RESOLUTION NO. 2491

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT REGARDING LONG-TERM WATER CONSERVATION AND MANAGEMENT POLICY IN CALIFORNIA

(Reference is hereby made to Resolution Nos. 2491 on file in the District's Resolution Book and by this reference the same is incorporated herein.)

FISCAL IMPACT:

No

ITEM BUDGETED:

No

GOALS:

Provide Safe and Quality Water with Reliable Services

Prepared by: David W. Pedersen, General Manager

ATTACHMENTS:

ACWA Outreach Alert

Proposed Resolution No. 2491

From: ACWA <acwabox@acwa.com>
Sent: Wednesday, April 06, 2016 5:01 PM
To:
Subject: Action Needed to Preserve Local Control over Long-Term Water Conservation and Management Strategies

April 6, 2016

www.acwa.com | [Trouble viewing - View online](#)



 TAKE ACTION

Action Needed to Preserve Local Control Over Long-Term Water Conservation and Management Strategies

ACWA Members Urged to Weigh in With Water Community's

Vision

In recent weeks, the State Water Resources Control Board staff has indicated interest in pursuing permanent conservation regulations in the near future that could affect the ability of local agencies to determine appropriate water management strategies at the local level. ACWA strongly believes that any long-term policy for California should recognize investments in drought-resilience, emphasize ongoing water-use efficiency, and leave management discretion to local water agencies.

In anticipation of ongoing advocacy with the Brown Administration and possible state legislation on this issue, ACWA has prepared a number of resources and suggested steps to advance the water community's vision for a highly efficient and resilient water future for California and counter any proposals that would limit local decision making.

ACWA strongly encourages member agencies to adopt a sample resolution developed for this purpose and take other recommended steps as soon as possible to elevate this important public policy issue and ensure our voice is heard.

Though nothing official has been announced, State Water Board staff has indicated the long-term regulatory approach could be discussed at the May 3 meeting of the State Water Board.



CONNECT WITH US



KEY LINKS

 [SAMPLE LETTER](#)

 [GET MORE INFO](#)

 [FIND YOUR LEGISLATOR](#)

[OUTREACH CENTER](#)

Background

On Feb. 2, 2016, the State Water Resources Control Board adopted an [emergency conservation regulation](#) that will extend mandatory urban conservation through October 2016. The action extends the mandatory conservation requirements that have been in place since the State Water Board's original emergency regulation took effect on June 1, 2015 as a result of Gov. Jerry Brown's April 1 executive order on the drought.

The recently extended regulation provides for some limited adjustments (e.g., for climate and population growth) to conservation standards assigned to individual urban water suppliers but continues to rely almost exclusively on mandatory urban water conservation determined by the State Water Board.

Since the 1990s, local water agencies have proactively invested close to \$20 billion in drought-resilient strategies and tools that have added nearly 5 million acre-feet of "new" local and regional water supply across the state. These farsighted investments were supported by the public and have largely shielded California's overall economy from the worst impacts of the drought. Yet, the State Water Board's emergency approach largely overlooks the value of both water supply and water efficiency tools made possible by more than 25 years of local investments. The concern is that this approach could extend to longer term, permanent regulations.

As we have done in other important public policy debates, ACWA believes it is important for the water community to lead by outlining an affirmative policy vision around long-term conservation that preserves local authority and promotes high water use efficiency performance and accountability.

To this end, we are asking ACWA members to weigh in with visible support for a long-term policy vision that demands high levels of water use efficiency, promotes innovation in developing water shortage contingency plans, requires high levels of accountability at local water agencies, and preserves local decision-making authority over water management. We also must make it clear that long-term policy is most appropriately developed and administered by the California Department of Water Resources, which already is working with ACWA and local water agencies to lead implementation and refinement of the 20X2020 process – authorized by the Legislature in 2009 – that calls on urban water suppliers to reduce water use by 20% by 2020. Many local agencies already have achieved efficiencies that far exceed that goal.

Take Action Now

ACWA recommends that water agencies take the following steps:

1. **Adopt a Board Resolution:** Have your agency's board of directors adopt a resolution affirmatively supporting a long-term policy that recognizes water supply resilience, emphasizes efficiency and preserves local decision-making

ACWA STATE LEGISLATIVE
COMMITTEE

REGULATORY ISSUES

ACWA POLICY PRINCIPLES

CONTACTS

Dave Bolland
Special Projects Manager
DaveB@acwa.com

Lisa Lien-Mager
Director of Communications
LisaLM@acwa.com

authority over water management. A [sample resolution](#) has been developed for your use. Please send copies of your adopted resolution to mariem@acwa.com.

2. **Send letters to legislators and key leaders:** ACWA has prepared a [sample letter](#) that can be sent to your legislators and community leaders advocating for this approach. We also encourage you to meet with your legislators to ensure they understand the local investments already made and the public's level of support for them. Again, please send copies of your letters to mariem@acwa.com.
3. **Educate your customers:** ACWA has prepared outreach tools on the importance of drought-resilience and the value of water supply and water efficient investments.
4. **Be ready to respond further:** ACWA is actively engaged in the policy discussion on this topic and is currently working with a coalition of other statewide organizations to develop a framework for a long-term efficient and resilient water policy for California. ACWA members should be prepared to quickly respond (within 48 hours, weekends included) to additional alerts, especially in the event that a budget trailer bill addressing this topic emerges in the coming weeks or later this summer.

A complete member toolkit with these and additional resources is available [here](#) on ACWA's website. Member login is required to access the toolkit.

Questions

Members with questions about ACWA's long-term water management strategy for California should contact ACWA Special Projects Manager [Dave Bolland](#) at (916) 441-4545.

Members with questions about recommended outreach activities should contact ACWA Director of Communications [Lisa Lien-Mager](#) at (916) 441-4545.

RESOLUTION NO. 2491

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF LAS VIRGENES MUNICIPAL WATER DISTRICT
REGARDING LONG-TERM WATER CONSERVATION
AND MANAGEMENT POLICY IN CALIFORNIA**

WHEREAS, California's local water agencies have invested nearly \$20 billion in the past 20 years to build and prudently manage diverse water supply portfolios to meet their customers' needs and provide reliable supplies during times of drought; and

WHEREAS, these local investments including water recycling, local and regional water storage, desalination of brackish groundwater and ocean water were made with the public's support and are widely credited with keeping California's economy largely intact throughout the current multiyear drought; and

WHEREAS, the emergency drought regulation adopted in May 2015 and extended in February 2016 by the State Water Resources Control Board largely overlooked these investments and required local urban water suppliers to impose mandatory reductions in water use on their customers, even where hydrology and available local supply options did not warrant such stringent reductions; and

WHEREAS, Californians responded heroically to the drought emergency and largely met the statewide goal of reducing urban water use by 25% through February 2016; and

WHEREAS, as the state's focus transitions from the emergency regulation to a potential long-term policy approach to conservation, local water agencies believe it should be the state's policy to emphasize investments in drought-resiliency and ongoing water-use efficiency and to leave discretion with local water agencies to choose appropriate management strategies; and

WHEREAS, California water agencies affirmatively support a long-term policy that demands high levels of water use efficiency, promotes innovation in developing water shortage contingency plans, requires high levels of accountability at local water agencies, recognizes local investments in water use efficiency and supply reliability, and preserves local control over water management decisions;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Las Virgenes Municipal Water District supports a long-term policy that will result in a highly efficient and resilient water future and will allow local water agencies to continue planning for and investing in the water supply reliability actions needed to meet California's 21st century water needs; and

BE IT FURTHER RESOLVED, that Las Virgenes Municipal Water District believes long-term water management policy is most appropriately developed and administered by the California Department of Water Resources, which already has the lead role in managing the state's Urban Water Management Plan / Water Shortage Contingency Plan process, in collaboration with local water agencies.

PASSED, APPROVED, AND ADOPTED this 12th day of April, 2016.

Glen D. Peterson, President

ATTEST:

Charles Caspary, Secretary

(Seal)

APPROVED AS TO FORM:

Wayne K. Lemieux, District Counsel



April 12, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

**Subject : Clean Water State Revolving Fund Application for AMR/AMI
Project: Resolutions**

SUMMARY:

The Automatic Meter Reading/Automated Metering Infrastructure (AMR/AMI) project is proposed to replace the District's current manually-read water meters with an automated system. The AMR/AMI project will facilitate the current monthly reading of meters by eliminating the need for contract meter reading services at an annual cost of approximately \$200,000. Additionally, the AMR/AMI project will support water budgets and the District's conservation efforts by allowing for leak detection and providing customers with significantly improved access to water usage data. With access to real-time data, customers can actively manage their water usage, improving efficiency and reducing their bills.

Staff explored various financing options for the project and recommends pursuing a low-interest loan from the Clean Water State Revolving Fund (CWSRF), which also provides the potential for partial principal forgiveness. Adoption of the proposed resolutions is required for submittal of the CWSRF application.

RECOMMENDATION(S):

Pass, approve and adopt the proposed resolutions required for a Clean Water State Revolving Fund application.

RESOLUTION NO. 2486

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AUTHORIZING APPLICATION FOR FUNDING FROM THE CLEAN WATER STATE REVOLVING LOAN FUND

RESOLUTION NO. 2487

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT PLEDGED REVENUES AND FUND(S) RESOLUTION

RESOLUTION NO. 2488

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT PLEDGING MATCH FINANCING

RESOLUTION NO. 2489

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AUTHORIZING REIMBURSEMENT TO THE CLEAN WATER STATE REVOLVING LOAN FUND

(Reference is hereby made to Resolution Nos. 2486, 2487, 2488 and 2489 on file in the District's Resolution Book and by this reference the same is incorporated herein.)

FISCAL IMPACT:

No

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

There is no financial impact associated with submitting a CWSRF application. Should funding be approved, the cost associated with repayment of the loan would be included in future year budgets. Sufficient funds are included in the proposed Fiscal Years 2016-18 Budget Plan for the necessary local match.

Following is a summary of the estimated project cost and funding sources:

CWSRF Loan	\$7.8M
LVMWD Local Funds	\$1.6M
Estimated Project Cost	\$9.4M
Estimated Interest	\$725k
Potential Principal Forgiveness	(\$2.5M)
Potential Net Total Cost	\$7.6M

DISCUSSION:

On March 22, 2016, staff provided the Board with an update on the AMR/AMI project and presented information on several potential financing options, including a CWSRF loan, bank loan, multi-year implementation, and bonded indebtedness. After review of the various options, staff recommends the pursuing a CWSRF loan as preferred based on the following factors:

- Lowest overall interest cost, most recently around 2% (about \$725,000, if financed over

8 years).

- Potential for up to \$2.5 million in principal forgiveness for "green infrastructure".
- No pre-payment penalties.

Staff prepared the CWSRF application package. As part of the application, the State Water Resources Control Board, which administers the program, requires the governing body adopt the following four resolutions:

1. Resolution authorizing application for the funds.
2. Resolution pledging revenue to pay off the debt.
3. Resolution pledging the 16.667% local matching funds.
4. Resolution authorizing reimbursement to the Clean Water State Revolving Fund.

Upon adoption of the resolutions, staff will finalize the application and submit the package. The State Water Resources Control Board advised staff that the average time for approval is currently nine months. The AMR/AMI project is currently proposed for construction during calendar year 2017.

GOALS:

Provide Excellent Service That Exceeds Customer Expectations

Prepared by: Donald Patterson, Director of Finance and Administration

ATTACHMENTS:

Proposed Resolution No. 2486

Proposed Resolution No. 2487

Proposed Resolution No. 2488

Proposed Resolution No. 2489

RESOLUTION NUMBER 2486

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF LAS VIRGENES MUNICIPAL WATER DISTRICT
AUTHORIZING APPLICATION FOR FUNDING FROM THE
CLEAN WATER STATE REVOLVING LOAN FUND**

WHEREAS, Las Virgenes Municipal Water District (the “District”) requires financial assistance to fund the construction and installation of Automated Meter Infrastructure (the “project”); and

WHEREAS the project will facilitate the conservation of potable water by providing additional information to customers allowing for better management of their water usage.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT DOES RESOLVE AS FOLLOWS:

SECTION 1: The General Manager (the “Authorized Representative”) or designee is hereby authorized and directed to sign and file, for and on behalf of the District, a Financial Assistance Application for a financing agreement from the State Water Resources Control Board for the planning, design, and construction of the Automated Meter Reading/Automated Meter Infrastructure project (the “Project”).

SECTION 2: This Authorized Representative, or his/her designee, is designated to provide the assurances, certifications, and commitments required for the financial assistance application, including executing a financial assistance agreement from the State Water Resources Control Board and any amendments or changes thereto.

SECTION 3: The Authorized Representative, or his/her designee, is designated to represent the District in carrying out the District’s responsibilities under the financing agreement, including certifying disbursement requests on behalf of the District and compliance with applicable state and federal laws.

PASSED, APPROVED, AND ADOPTED on March 8, 2016.

Glen Peterson, President

ATTEST:

Charles Caspary, Secretary

(SEAL)

APPROVED AS TO FORM:

Wayne K. Lemieux, District Counsel

RESOLUTION NUMBER 2487

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF LAS VIRGENES MUNICIPAL WATER DISTRICT
PLEGGED REVENUES AND FUND(S) RESOLUTION**

WHEREAS, Las Virgenes Municipal Water District (the "District") requires financial assistance to fund the construction and installation of Automated Meter Infrastructure (the "project"); and

WHEREAS the project will facilitate the conservation of potable water by providing additional information to customers allowing for better management of their water usage.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT DOES RESOLVE AS FOLLOWS:

SECTION 1: Las Virgenes Municipal Water District (the "District") hereby dedicates and pledges Potable Water Enterprise Water Sales revenue to payment of any and all Clean Water State Revolving Fund and/or Water Recycling Funding Program financing for the installation of AMR/AMI Implementation project.

SECTION 2: The District commits to collecting such revenues and maintaining such fund(s) throughout the term of such financing and until the District has satisfied its repayment obligation thereunder unless modification or change is approved in writing by the State Water Resources Control Board. So long as the financing agreement(s) are outstanding, the District's pledge hereunder shall constitute a lien in favor of the State Water Resources Control Board on the foregoing fund(s) and revenue(s) without any further action necessary. So long as the financing agreement(s) are outstanding, the District commits to maintaining the fund(s) and revenue(s) at levels sufficient to meet its obligations under the financing agreement(s).

PASSED, APPROVED, AND ADOPTED on March 8, 2016.

Glen Peterson, President

ATTEST:

Charles Caspary, Secretary

(SEAL)

APPROVED AS TO FORM:

Wayne K. Lemieux, District Counsel

RESOLUTION NUMBER 2488

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF LAS VIRGENES MUNICIPAL WATER DISTRICT
PLEDGING MATCH FINANCING**

WHEREAS, Las Virgenes Municipal Water District (the "District") requires financial assistance to fund the construction and installation of Automated Meter Infrastructure (the "project"); and

WHEREAS the District has sufficiently budgeted funds from the Potable Water Enterprise as match to funds provided by the Clean Water State Revolving Loan Fund.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT DOES RESOLVE AS FOLLOWS:

SECTION 1: To contribute the State match share equal to 16.667 percent of the eligible project costs, in an amount estimated of \$1,567,789.

SECTION 2: To pay an administrative fee of up to 0.575% of the eligible project cost for the administrative match amount, if requested by the State Water Resources Control Board (State Water Board), prior to the issuance of the match CWSRF financing agreement, provided that the fee shall be waived by the State Water Board if sufficient monies to fund the administrative match are available from other sources.

SECTION 3: To establish a match account for the project, and deposit sufficient funds, as necessary, to make the match payments to the construction contractor(s).

SECTION 4: To provide the State Water Board, Division of Financial Assistance (DFA) a certification with each progress payment request stating that the appropriate state match amount for the requested payment has been paid to the construction contractor(s).

//
//

SECTION 5: To provide DFA with copies of the cancelled checks or other documents to demonstrate payment of the state match amount, on a quarterly basis.

PASSED, APPROVED, AND ADOPTED on March 8, 2016.

Glen Peterson, President

ATTEST:

Charles Caspary, Secretary

(SEAL)

APPROVED AS TO FORM:

Wayne K. Lemieux, District Counsel

RESOLUTION NUMBER 2489

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF LAS VIRGENES MUNICIPAL WATER DISTRICT
AUTHORIZING REIMBURSEMENT TO THE
CLEAN WATER STATE REVOLVING LOAN FUND**

WHEREAS, Las Virgenes Municipal Water District (the "District") desires to finance the costs of constructing and/or reconstructing certain public facilities and improvements relating to its water and wastewater system, including certain treatment facilities, pipelines and other infrastructure (the "Project"); and

WHEREAS, the District intends to finance the construction and/or reconstruction of the Project or portions of the Project with moneys ("Project Funds") provided by the State of California, acting by and through the State Water Resources Control Board (State Water Board); and

WHEREAS, the State Water Board may fund the Project Funds with proceeds from the sale of obligations the interest upon which is excluded from gross income for federal income tax purposes (the "Obligations"), and

WHEREAS, prior to either the issuance of the Obligations or the approval by the State Water Board of the Project Funds the District desires to incur certain capital expenditures (the "Expenditures") with respect to the Project from available moneys of the District; and

WHEREAS, the District has determined that those moneys to be advanced on and after the date hereof to pay the Expenditures are available only for a temporary period and it is necessary to reimburse the District for the Expenditures from the proceeds of the Obligations.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT DOES RESOLVE AS FOLLOWS:

SECTION 1: The District hereby states its intention and reasonably expects to reimburse Expenditures paid prior to the issuance of the Obligations or the approval by the State Water Board of the Project Funds.

SECTION 2: The reasonably expected maximum principal amount of the Project Funds is \$8,000,000.

SECTION 3: This resolution is being adopted no later than 60 days after the date on which the District will expend moneys for the construction portion of the Project costs to be reimbursed with Project Funds.

SECTION 4: Each District expenditure will be of a type properly chargeable to a capital account under general federal income tax principles.

SECTION 5: To the best of our knowledge, this District is not aware of the previous adoption of official intents by the District that have been made as a matter of course for the purpose of reimbursing expenditures and for which tax-exempt obligations have not been issued.

SECTION 6: This resolution is adopted as official intent of the District in order to comply with Treasury Regulation §1.150-2 and any other regulations of the Internal Revenue Service relating to the qualification for reimbursement of Project costs.

SECTION 7: All the recitals in this Resolution are true and correct and this District so finds, determines and represents.

PASSED, APPROVED, AND ADOPTED on March 8, 2016.

Glen Peterson, President

ATTEST:

Charles Caspary, Secretary

(SEAL)

APPROVED AS TO FORM:

Wayne K. Lemieux, District Counsel



April 12, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Cellular Device Reimbursement Policy

SUMMARY:

Cellular devices are an increasingly common tool used to facilitate communication in the field between staff and to communicate directly with customers. As cellular technology has become commonplace, most employees assigned a District cellular device also have a personal device and either carry two devices or forward the District-provided device directly to their personal device. The proposed Cellular Device Reimbursement Policy would provide an option for employees to choose reimbursement in lieu of a District-provided device without increasing cost to the District.

RECOMMENDATION(S):

Approve the proposed Cellular Device Reimbursement Policy.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

FINANCIAL IMPACT:

There is no financial impact associated with the Cellular Device Reimbursement Policy because the cost to reimburse employees for personal cell phone use would be offset by cost-savings from eliminating District-provided cell phones.

DISCUSSION:

The District has issued 55 cellular devices to various staff to meet operational needs. Of

those devices, 49 are flip phones with voice and limited text capabilities and six are full-featured smart phones. The phones are used as a primary communications means for field staff and between office and field staffs. The use of cellular devices expedites communication and provides for more detailed discussions that are generally not best handled using the two-way radio system.

Over the past several years, as the smartphones have become more ubiquitous, staff began to forward the service for their District-provided flip phones to their personal smartphones and have become increasingly reliant on text messaging, which has greater penetration in more remote areas of the District. Employees have expressed a desire to be eligible for a reimbursement program for the use of their personal devices and eliminating the need to carry two devices.

As proposed, the policy would provide reimbursement at levels that mirror the current cost of District-provided devices. Also, the reimbursement is proposed at a level that would not require additional documentation to ensure it is not considered a taxable benefit to employees who chose the option to use their personal devices. The District currently pays \$30.99 per month for flip phone service and \$60.17 per month for fully-functional iPhone service. The proposed reimbursement rates of \$30.00 per month for voice-only needs and \$60.00 per month for voice and data needs is consistent with the District's current cost, resulting in the policy being effectively cost neutral.

The proposed policy does not apply to standby or other shared devices and employees would still be subject to restrictions currently in place on personal usage during work hours.

Staff met with representatives of SEIU and the District's Bargaining Units to review the proposed policy.


GOALS:

Provide Excellent Service That Exceeds Customer Expectations

Prepared by: Donald Patterson, Director of Finance and Administration

ATTACHMENTS:

Proposed Cellular Device Reimbursement Policy

	CELLULAR DEVICE REIMBURSEMENT POLICY	
	Effective: 5/1/2016 Revised: --- Adopted by Board:	Page 1 of 6

POLICY

Cellular telephones and smart phones are tools used by designated employees to accomplish the District’s business. The District will provide the designated employees with the option to have a District-assigned cellular device or receive reimbursement for business use of their personal cellular device.

District cellular devices will be assigned by the Information Systems Division following approval of the employee’s Department Director and based on District operational needs. Following approval, the employee will have a choice of receiving a District-provided device or reimbursement for business use of their personal mobile device.

DEFINITION

As used in this policy, a “cellular device” is a telephone or smart phone capable of cellular phone calls and data communication, such as an iPhone or Android.

EXCEPTIONS

This policy does not cover tablets, such as an iPads or Surfaces, cellular air cards or shared cell phones used by multiple personnel for the purpose of being on standby or accessible outside regular business hours.

Bargaining Unit/Union Memorandums of Understanding and Management Handbook provisions supersede this policy.

AUTHORIZATION

Department Directors make the determination of business need, level of service (i.e. voice only or voice and data), and staff availability requirements. Department Director may authorize, increase or decrease level of service, or terminate reimbursement at any point using the enrollment form (Appendix 1).

If approved, reimbursements will be provided through the District’s payroll system.

PROCEDURES

Request for Optional Cell Phone Reimbursement

If an employee's job duties require the use of a cellular device, the employee may request reimbursement for business use of his/her personal device. The employee is required to provide his/her personal cellular phone number to the Information Systems Division, as well as his/her assigned department, for listing on all applicable department and District directories.

To request reimbursement, an Optional Cellular Device Reimbursement Enrollment Form must be completed, approved and submitted to the Information Systems Division.

Reimbursement Amounts

The reimbursement amounts are fixed and intended to provide for the employee's projected business-related expenses. The amounts are not intended to offset the full cost of service, recognizing that the device is also for personal use.

The reimbursement amount depends on the approved level of service, as follows:

<u>Level of Service:</u>	<u>Monthly Amount:</u>
Voice Only	\$30
Voice and Data	\$60

Support for Cellular Devices

For employees electing to receive reimbursement for business use of their personal cellular device, support for the device will be provided by the phone carrier as specified in the employee's individual cellular plan. However, Information Services Division will provide technical support to employees approved to connect their personal cellular device to the District's e-mail system.

Employee Responsibilities

Employees receiving reimbursement for business use of their personal cellular device are responsible for:

- A. Being available by cellular device as directed and authorized by their supervisor.
- B. Overtime work requires *prior* supervisor authorization. As a result, employees are not authorized to access District email or make business-related phone calls outside of work hours without prior supervisor approval.
- C. Ensuring all business use is in compliance with the Communications and Use of Electronic Communications Devices policy.

- D. Negotiating and managing a personal cellular contract. Employees are free to select the service provider, plan and features of their choice to meet the job's communication requirements, as determined by the Department Director.
- E. Maintaining the cellular device in good working condition. Support and service issues are the sole responsibility of the employee.
- F. Payment of monthly cellular bill and ensuring no disruption of service.
- G. Notifying the designated department representative and Information Systems Division of any change in cellular phone number.
- H. Complying with all laws and District policies regarding the use of cellular devices, including but not limited to, using a hands free device while driving a District vehicle.
- I. Providing all accessories (headset, case, battery, car charger, etc.).
- J. Notifying Information Systems Division if the phone is lost or stolen, so it can be remotely wiped of District data (if applicable).
- K. Complying with the terms and conditions of the Cellular Device Reimbursement Agreement (Appendix 1).

The District is responsible for:

- A. Publication of the employee's phone number in the District and department directories.
- B. Assisting employees in connecting to the District's e-mail system.
- C. Ensuring compliance with all applicable laws and regulations related to the production of subpoenaed data or responding to public records requests.
- D. Ensuring compliance with all applicable Internal Revenue Code requirements.

Appendix 1 – Enrollment Form & Employee Agreement

Cellular Device Enrollment Form

Employee Name: _____ Department: _____

Department Director Authorization: _____

Division Manager/Supervisor Approval (if applicable): _____

Action: (check one) Enrollment Change Termination of enrollment

Service Level Authorized: (Check one only)

District Provided Device

Voice Only

Voice and Data

Reimbursement Amount:

Voice only \$ 30 per month

Voice and Data \$60 per month.

Personal cellular number to be used for District business: _____

Employee Agreement for Receipt of Reimbursement

As an employee of the Las Virgenes Municipal Water District, duly authorized by my Department Director to receive the cellular device reimbursement for valid business reasons:

1. I acknowledge that business use of my personal cellular device is limited to assigned work hours and that I may not access District email or business phone calls outside of assigned work hours without explicit supervisor authorization.
2. I acknowledge that any and all overtime must have **prior** authorization from my supervisor.
3. I agree to be available by cell phone and/or District email as directed by my Division Manager or Department Director.
4. I agree to maintain the cellular device in good working condition at all times.
5. I acknowledge that I am responsible for payment of monthly bills and ensuring no disruption of service.
6. I will notify my supervisor and Information Systems of changes to my cellular phone number or any change or disruption in service.
7. I am responsible to provide any accessories such as case, headset, car charger, etc.

Employee initials: _____

8. I acknowledge that the District has designed this plan to be exempt from personal income tax withholdings under the Internal Revenue Code. However, if subsequent review or change in law requires the withholding of personal income tax based on all or a portion of the reimbursement amount, I understand that the District will withhold the amount required by law.

9. I agree that should my cellular device or data therein be determined to be subject to a Public Records Request or subpoena that I will not impede the discovery of the data and will work with the designated District employee to comply with the order or request. *The District will make every effort to comply with Public Records Requests, subpoenas or other legal orders through data contained on the District's computer network.*

10. I acknowledge that the District makes no representation as to its ability to maintain or preserve the confidentiality or privacy of any data on an employee's personal cellular device, whether related to District business or not.

I _____ agree to these terms and conditions.
(Print Name)

(Signature)

(Date)

Distribution:

Assigned Division Manager
Human Resources
Information Systems



April 12, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Update to Purchasing Policy: Resolution

SUMMARY:

Over the past year, staff completed a comprehensive review of the District's purchasing policies and procedures. The purpose of the review was to ensure that the District follows industry best practices, maintains adequate internal controls and facilitates the purchasing process for efficient operations. Several updates to the District's Purchasing Policy, contained in the Las Virgenes Municipal Water District Code, are recommended based on the results of the review process.

RECOMMENDATION(S):

Pass, approve, and adopt Resolution No. 2490, modifying Las Virgenes Municipal Water District Code.

RESOLUTION NO. 2490

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT ADOPTING LAS VIRGENES MUNICIPAL WATER DISTRICT CODE TITLE 2, CHAPTER 6, ARTICLE 4 – PURCHASING AND REPEALING CONFLICTING SECTIONS OF RESOLUTION NO. 2468

(Reference is hereby made to Resolution Nos. 2490 on file in the District's Resolution Book and by this reference the same is incorporated herein.)

FISCAL IMPACT:

No

ITEM BUDGETED:

No

FINANCIAL IMPACT:

There is no financial impact associated with this action.

DISCUSSION:

Staff has completed a comprehensive review of the District's purchasing policies and procedures. During the review process, staff compared current policies and processes with best practices, met with employees who frequently purchase good and services for the District, and evaluated means to facilitate the purchasing process, while maintaining appropriate internal controls. The proposed changes to the Purchasing Policy are recommended to facilitate a more efficient purchasing process, while maintaining sufficient checks and balances. Following is a summary of the significant proposed changes:

1. Differentiation of processes for emergency purchases of \$35,000 or more and those under \$35,000. The process for emergency purchases of \$35,000 or more remains unchanged. For emergency purchases under \$35,000, staff proposes to introduce the terminology of "urgent" purchases and designate responsibility to authorize those purchases to the General Manager utilizing existing, appropriated budgets.
2. Prequalification of Vendors – staff proposes the addition of Section 2-6.405 that would allow for the pre-qualification of vendors for the purchase of goods or services that the District procures on a frequent basis. As proposed, at least once every five years, the District would complete a competitive process to establish a list of pre-qualified vendors for a particular good or service. Once a list is established, the General Manager could authorize purchases under \$35,000 from vendors on the list without further bidding, and the Board could authorize purchases from the pre-qualified list of vendors without additional bidding for purchases over \$35,000.
3. Contractual Services – Section 2-6.406 would provide for a Request for Proposals process for contractual services whereby the quality of work, warranty, and performance standards could be used in addition to price for services such as landscaping and custodial work.
4. Section 2-6.406(d) would authorize the General Manager to solicit proposals without further Board approval for services included in the current year budget. Contracts for \$35,000 or more would still be approved by the Board as would Requests for Proposals for services not included in the current year budget.
5. Section 2-6.407 would authorize the General Manager to request bids without further Board approval for goods included in the current year budget. Contracts of \$35,000 or more would still be approved by the Board as would Request for Proposals for goods not included in the current year budget.
6. Section 2-6.408(f) would specifically authorize the use of cooperative purchasing agreements. Over the past two years, the Board has authorized purchases using cooperative agreements. Frequently, multi-agency cooperative agreements allow the District to achieve greater cost-savings.
7. Section 2-6.410 would allow the General Manager to declare supplies, materials, and equipment as surplus and authorize its disposal. This section does not authorize the General Manager to declare real property as surplus.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Donald Patterson, Director of Finance and Administration

ATTACHMENTS:

Redlined Version of Purchasing Policy

Proposed Resolution No. 2490

Article 4 - Purchasing

2-6.401 PURPOSE AND SCOPE

(a) This Article provides direction regarding the procurement of supplies, equipment, works of improvement, professional services, and other goods and services to ensure the District will receive high quality goods and services at a fair price. The following terms are defined for the purposes of this Article:

(1) "Formal bidding" means the solicitation of bids ~~after approval of~~with written specifications ~~by the Board~~ and pursuant to publication of a Notice Inviting Bids at least once a week for two successive weeks in a newspaper of general circulation, the last publication to be made not less than two weeks nor more than six weeks prior to the opening of bids.

(2) "Informal bidding" means the solicitation of ~~written~~at least three quotations ~~without specific Board authorization,~~ after approval of ~~written~~ specifications by the General Manager ~~and~~ pursuant to ~~written~~a notice to potential bidders as determined by the General Manager.

(3) "Request for ~~proposal~~proposals" means the solicitation of a written scope, schedule and cost of the work to be accomplished by a ~~professional~~service provider.

(4) "Goods" means a tangible product, not including a work of improvement.

(5) "Service" means an intangible product.

(6) "Work of improvement" means the construction of works, structures, and equipment, the furnishing of labor, and the acquisition of real or personal property for works.

(7) "Designated qualified vendor" means a vendor selected for the purchase of certain items or classes of items as a result of ~~an~~a formal or informal bid process ~~which results in the receipt of at least three written quotations to~~fulfill an on-going need.

“Emergency” means procurement of goods or services that are estimated to cost \$35,000 or more necessary for the repair of public facilities caused by 2-6.402

~~EMERGENCIES~~

~~(8) (a) Works sudden, unexpected occurrence that poses a clear and imminent danger, requiring immediate action to prevent or mitigate the loss or impairment of life, health, property or essential public services.~~

~~(9) “Urgent” means a procurement of works of improvement, professional services or goods and services, that are estimated to cost less than \$35,000 and necessary for emergencythe repair or replacement of public facilities of the District, damaged by unanticipated calamity where expeditious action is required to prevent potential interruption of service, restore required redundancy or avoid additional damages.~~

2-6.402 EMERGENCIES

~~(a) Emergency purchases of \$35,000 or more may be procuredmade without formal bids, informal bids, or requests for proposalproposals, if this Section is followed.~~

~~(b) 1) When a meeting of the Board can be commenced in a timely manner to authorize emergency action, by 4/5's vote, the Board shall be requested to authorize procurement of works of improvement, professional services, or goods and services without formal bids, informal bids, or requests for proposal. Such authorization shall be based on substantial evidence set forth in the minutes of the meeting that the emergency will not permit delay and action is necessary to respond to the emergency. Until the emergency subsides or the work is complete, at each subsequent regular meeting the Boardboard shall determine by 4/5's vote whether to continue to terminate the authorization for emergency.~~

~~(e2) When a meeting of the Board cannot be commenced in a timely manner to authorize emergency action, the General Manager may authorize procurement of works of improvement, professional services, or goods or~~

services without formal bids, informal bids, or requests for proposal. The General Manager shall report to the Boardboard within 7 days of the emergency or at the next regular meeting scheduled within 14 days after the procurement. The report shall describe the emergency and present evidence that the emergency did not permit delay and action was necessary to respond to the emergency. Until the emergency subsides or the work is complete, at each subsequent regular meeting following the General Manager's action, the Boardboard shall determine by 4/5's vote whether the need for emergency action continues.

(b) Urgent purchases under \$35,000 may be made without informal bids or requests for proposals following procedures established by the General Manager.

2-6.403 WORKS OF IMPROVEMENT

(a) The District shall procure works of improvement in accordance with Public Contract Code, Section § 20640, et seq.

(b) Works of improvement estimated to cost less than \$35,000 may be procured through the informal bid process. If the work is included in the current year budget, the General Manager may solicit informal bids without prior Board approval. If the work is not included in the current year budget, Board approval shall be obtained before informal bids are solicited.

(c) Works of improvement estimated to cost \$35,000 or more shall be procured through the formal bid process. The General Manager may solicit formal bids only with prior Board approval.

2-6.404 PREQUALIFICATION OF BIDDERS

(a) The General Manager may designate works of improvement that require specialized skills which cost in excess of five million (\$5,000,000) to be subject to prequalification of bidders.

(b) To become a prequalified bidder, a contractor must submit to the District a prequalification application consisting of a standardized questionnaire, financial statement, and statement of experience as part of the pre-qualification bidding

packet.

(c) The questionnaires and financial statements submitted by prospective contractors are not public records and are not subject to public inspection. Records of the names of contractors applying for prequalification status are public records and subject to disclosure. Documents submitted by a prospective contractor will be submitted under penalty of perjury.

(d) The District will rate prospective contractors in accordance with a rating system based on (1) Public Contract Code § 20101 and (2) the model guidelines and standardized questionnaire created by the Department of Industrial Regulations, as modified by the District to address the needs of the particular project, or projects, to which they are to be applied.

(e) The District will devise the questions, process, and scoring for the rating system, to best evaluate a contractor's ability to successfully complete a particular project. This information will be provided as part of the pre-qualification bidding packet. The rating system will be applied uniformly and objectively to prospective contractors, which have submitted properly completed documents in accordance with this policy. The District may determine only a certain number of the top scoring pass-rated contractors shall be considered prequalified for a specific project. This determination shall be made prior to issuing the Notice Inviting Prequalification for the specific project.

(f) When the District uses this prequalification process, the only contractors eligible to submit a bid are prequalified contractors. Further, such contractors shall submit bids only naming a prequalified subcontractor when subcontractors are prequalified. A bid received listing an unqualified subcontractor will be disqualified as nonresponsive. No bid shall be accepted for the project from unqualified contractors.

(g) A contractor's prequalification status will immediately terminate if: (1) The contractor fails to give the District written notice of change in the information previously provided within 10 days before a bid opening; (2) the contractor's license is suspended or terminated by the California State Licensing Board; (3) the contractor is convicted of a crime of moral turpitude; (4) the contractor's application contains materially false information; or (5) the

contractor's control over a public works contract, whether within the District's jurisdiction or otherwise is terminated for cause.

(h) The District shall give written notice to each contractor of the prequalification determination for that contractor. A contractor may appeal a rating of "not qualified", including a decision to revoke a previous qualified rating. There is no appeal from a finding that a contractor is not prequalified because of a failure to submit required information or failure to submit required information in a timely manner.

(1) Contractor may appeal the decision as follows:

a. By giving written notice of appeal to the General Manager no later than ten days after receipt of the not qualified rating.

b. The notice of appeal shall contain at least the following:

(i) The name, address and telephone number of the person making the appeal.

(ii) A description of the determination which is the subject of the appeal, and the date of the Notice of Determination; or

(iii) A brief description of the grounds for the appeal.

(2) The District will provide the contractor with a written statement of the basis for the not qualified determination and supporting evidence received from others or adduced as a result of investigation.

(3) Within 14 days of sending the response to the contractor, the General Manager shall hear the appeal. The hearing shall be an informal one. The contractor may rebut evidence which is the basis for the determination and present evidence why the contractor is qualified.

(4) The General Manager or designee may affirm the earlier determination or reverse the determination and assign an alternate rating. This decision will be in writing containing a summary of the facts that led to the decision. The decision of the General Manager is final. A contractor shall have no right to appeal the decision to the Board.

a. The General Manager may cancel the prequalification process at any time during the prequalification process, even after receiving and scoring applications. If the prequalification process is cancelled, the normal

competitive bidding rules will apply. The District assumes no liability for the cost a prospective contractor may have incurred by submitting an application for prequalification, and the submittal of a prequalification application is a waiver to claim any such cost or losses due to cancellation of the process.

2-6.405 ~~PROFESSIONAL~~ **PREQUALIFICATION OF VENDORS**

(a) The GM may establish a list of qualified vendors for goods or services which the district frequently purchases. The list will be valid for 5 years and vendors who prove to be unqualified shall be removed and vendors who demonstrate their qualifications may be added.

(b) The GM may purchase good or services from qualified vendors on the list described above with further bidding if the amount of the purchase is less than \$35,000. The board must approve purchases from qualified vendors if the amount of the purchase is \$35,000 or more.

2-6.406 **SERVICES**

(a) ~~(a)~~—The District shall procure professional services, such as legal, medical, engineering, architectural, financial, human resources, labor relations, and educational, in accordance with the procedures recommended by the ethics of the discipline involved and taking into consideration quality of work, performance, and price.

(b) ~~(b)~~The District shall procure contractual services, such as those for custodial work and landscaping, in accordance with procedures that allow for consideration of the quality of work, warranty and establishment of performance standards in addition to price.

(c) If the ~~professional~~ service is estimated to cost less than \$35,000, ~~and it is included in the current year budget,~~ the General Manager may informally

solicit proposals and enter into contracts ~~with qualified professionals~~ without ~~prior~~ Board approval.

(ed) If the ~~professional~~ service is estimated to cost \$35,000 or more, ~~or it~~ and is included in the current year budget, the General Manager may solicit formal proposals without Board approval. Formal proposals are solicited with a written request for proposals made publically available on the District's website for at least 2 weeks.

(e) If the service is not ~~included~~ in the current year budget, the General Manager may ~~request~~ solicit proposals ~~from qualified professionals~~ and enter into contracts only with prior Board approval.

(f) All contracts of \$35,000 or more require Board approval.

2-6. ~~406407~~ GOODS AND SERVICES

(a) The District shall procure goods ~~and services~~, other than works of improvement and ~~professional~~ services, as mentioned above, pursuant to this ~~section~~ Section.

(b) Goods ~~and services~~ included in the current year budget and estimated to cost less than \$35,000 shall be purchased without further Board action following informal bidding procedures.

(c) Goods and services included in the current year budget and estimated to cost \$35,000 or more shall be purchased by the formal bidding process. ~~The General Manager may solicit formal bids for these items only with prior Board approval.~~

(d) The General Manager may solicit formal bids for items estimated to cost more than \$35,000 without prior Board approval only if the amount is included in the current year budget.

(e) All contracts of \$35,000 or more require Board approval.

2-6.407408 EXCEPTIONS

(a) The General Manager may approve changes to contracts (“change orders”) for the procurement of supplies, equipment, contracts for professional services, and other goods and services provided;

(1) The change order is within the scope of the approved contract by the Boardboard, the cost of the changed work does not exceed the adopted budget; and,

(2) The cumulative change orders are within 10% of the original contract amount; and

(3) Other parameters set by the Board are followed.

(b) The General Manager may approve change orders for works of improvement provided the changed work is within the scope of the project approved by the Boardboard, the cost of the changed work does not exceed the budget for the work approved by the Boardboard, and:

(1) For contracts less than or equal to \$1,000,000:

- a. a single change order does not exceed \$50,000;
- b. the total of all change orders does not exceed \$100,000;

(2) For contracts greater than \$1,000,000:

- a. a single change order does not exceed 5% of the original amount awarded by the Boardboard;
- b. the total of all change orders do not exceed 10% of the original amount awarded by the Boardboard; and

(3) For contracts regardless of amount:

- a. a time extension up to 25% of the time stated in the contract; and
- b. a deduction change order within the foregoing parameters, but a deduction change order shall not offset the above amounts.

(c) The General Manager shall file a written notice with the clerk when a change order is approved by the General Manager pursuant to this sub-section. The clerk shall distribute to the Boardboard as an information item at the next Boardboard meeting.

(d) Bidding shall not be required for goods or services in the following circumstances:

(1) Goods and services included in the current year budget and that have an estimated value less than \$2,500.

(2) A vendor is the sole source for the goods or services as determined by the General Manager.

(3) If the vendor has been selected during the past twelve consecutive months as the designated qualified vendor for the items, or classes of items, to be purchased.

(4) Emergency or urgent purchases, as defined.

(e) The procurement procedures set forth in this Article do not apply if the cost of goods or services is established by ~~Federal, State~~federal, state or local regulation, such as is the case with utility services and the supplies and appurtenant equipment.

(f) If competitive bid procedures have already been utilized, such as in purchasing from federal, state, county, city or special district governmental agencies, or from cooperative purchasing consortiums consisting of such agencies, and these materials and services are supplied to the District at the same or better price, the informal or formal bidding procedures specified herein may be waived.

2-6.408409 MISCELLANEOUS

a) Goods and services shall be procured from the responsive vendor who provides the greatest value as determined by the criteria specified in the Notice Inviting Bids, the written specifications, or the request for proposal.

b) The procedures, personnel, and system of forms to be used by District employees in the procurement of goods and services shall be determined by the General Manager and set forth in clean and concise written form consistent with the provisions of this Article. The directive shall be made available to employees and shall become the process for the procurement of goods and services.

2-6.410 Surplus

The General Manager may declare supplies, materials or equipment as surplus, obsolete or unused and authorize its disposal. The General Manager shall implement procedures to ensure that the District receives fair value for surplus items.

RESOLUTION NO. 2490

A RESOLUTION OF THE BOARD OF DIRECTORS OF
LAS VIRGENES MUNICIPAL WATER DISTRICT
ADOPTING LAS VIRGENES MUNICIPAL WATER DISTRICT CODE TITLE 2, CHAPTER 6,
ARTICLE 4 – PURCHASING AND REPEALING CONFLICTING SECTIONS OF
RESOLUTION NO. 2468

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF LAS VIRGENES
MUNICIPAL WATER DISTRICT as follows:

1. Purpose.

This resolution adopts the revised Las Virgenes Municipal Water District Code Title 2, Chapter 6, Article 4 and repeals the former Title 2, Chapter 6, Article 4 of Las Virgenes Code.

2. Adoption.

The Las Virgenes Municipal Water District Code as set forth on Exhibit A attached hereto and hereby incorporated by this reference is hereby adopted. The Code includes the Las Virgenes Municipal Water District Conflict of Interest Disclosure Code as approved by the code reviewing body.

3. Repeal.

Portions of Resolution No 2468 related to Title 2, Chapter 6, Article 4.

4. Effective Date.

This resolution is effective July 1, 2016.

PASSED, APPROVED AND ADOPTED on _____, 2015.

President

ATTEST

Secretary

Article 4 - Purchasing

2-6.401 PURPOSE AND SCOPE

(a) This Article provides direction regarding the procurement of supplies, equipment, works of improvement, professional services, and other goods and services to ensure the District will receive high quality goods and services at a fair price. The following terms are defined for the purposes of this Article:

(1) "Formal bidding" means the solicitation of bids with written specifications and pursuant to publication of a Notice Inviting Bids at least once a week for two successive weeks in a newspaper of general circulation, the last publication to be made not less than two weeks nor more than six weeks prior to the opening of bids.

(2) "Informal bidding" means the solicitation of at least three quotations after approval of specifications by the General Manager pursuant to a notice to potential bidders as determined by the General Manager.

(3) "Request for proposals" means the solicitation of a written scope, schedule and cost of the work to be accomplished by a service provider.

(4) "Goods" means a tangible product, not including a work of improvement.

(5) "Service" means an intangible product.

(6) "Work of improvement" means the construction of works, structures, and equipment, the furnishing of labor, and the acquisition of real or personal property for works.

(7) "Designated qualified vendor" means a vendor selected for the purchase of certain items or classes of items as a result of a formal or informal bid process to fulfill an on-going need.

(8) "Emergency" means procurement of goods or services that are estimated to cost \$35,000 or more necessary for the repair of public facilities caused by a sudden, unexpected occurrence that poses a clear and imminent danger, requiring immediate action to prevent or mitigate the loss or impairment of life, health, property or essential public services.

(9) "Urgent" means a procurement of works of improvement, professional services or goods and services that are estimated to cost less than \$35,000 and necessary for the repair of public facilities of the District, damaged by unanticipated calamity where expeditious action is required to prevent potential interruption of service, restore required redundancy or avoid additional damages.

2-6.402 EMERGENCIES

(a) Emergency purchases of \$35,000 or more may be made without formal bids, informal bids, or requests for proposals, if this Section is followed.

(1) When a meeting of the Board can be commenced in a timely manner to authorize emergency action, by 4/5's vote, the Board shall be requested to authorize procurement of works of improvement, professional services, or goods and services without formal bids, informal bids, or requests for proposal. Such authorization shall be based on substantial evidence set forth in the minutes of the meeting that the emergency will not permit delay and action is necessary to respond to the emergency. Until the emergency subsides or the work is complete, at each subsequent regular meeting the board shall determine by 4/5's vote whether to continue to terminate the authorization for emergency.

(2) When a meeting of the Board cannot be commenced in a timely manner to authorize emergency action, the General Manager may authorize procurement of works of improvement, professional services, or goods or services without formal bids, informal bids, or requests for proposal. The General Manager shall report to the board within 7 days of the emergency or at the next regular meeting scheduled within 14 days after the procurement. The report shall describe the emergency and present evidence that the emergency did not permit delay and action was necessary to respond to the emergency. Until the emergency subsides or the work is complete, at each subsequent regular meeting following the General Manager's action, the board shall determine by 4/5's vote whether the need for emergency action continues.

(b) Urgent purchases under \$35,000 may be made without informal bids or requests for proposals following procedures established by the General Manager.

2-6.403 WORKS OF IMPROVEMENT

(a) The District shall procure works of improvement in accordance with Public Contract Code, Section § 20640, et seq.

(b) Works of improvement estimated to cost less than \$35,000 may be procured through the informal bid process. If the work is included in the current year budget, the General Manager may solicit informal bids without prior Board approval. If the work is not included in the current year budget, Board approval shall be obtained before informal bids are solicited.

(c) Works of improvement estimated to cost \$35,000 or more shall be procured through the formal bid process. The General Manager may solicit formal bids only with prior Board approval.

2-6.404 PREQUALIFICATION OF BIDDERS

(a) The General Manager may designate works of improvement that require specialized skills which cost in excess of five million (\$5,000,000) to be subject to prequalification of bidders.

(b) To become a prequalified bidder, a contractor must submit to the District a prequalification application consisting of a standardized questionnaire, financial statement, and statement of experience as part of the pre-qualification bidding packet.

(c) The questionnaires and financial statements submitted by prospective contractors are not public records and are not subject to public inspection. Records of the names of contractors applying for prequalification status are public records and subject to disclosure. Documents submitted by a prospective contractor will be submitted under penalty of perjury.

(d) The District will rate prospective contractors in accordance with a rating system based on (1) Public Contract Code § 20101 and (2) the model guidelines

and standardized questionnaire created by the Department of Industrial Regulations, as modified by the District to address the needs of the particular project, or projects, to which they are to be applied.

(e) The District will devise the questions, process and scoring for the rating system, to best evaluate a contractor's ability to successfully complete a particular project. This information will be provided as part of the pre-qualification bidding packet. The rating system will be applied uniformly and objectively to prospective contractors, which have submitted properly completed documents in accordance with this policy. The District may determine only a certain number of the top scoring pass-rated contractors shall be considered prequalified for a specific project. This determination shall be made prior to issuing the Notice Inviting Prequalification for the specific project.

(f) When the District uses this prequalification process, the only contractors eligible to submit a bid are prequalified contractors. Further, such contractors shall submit bids only naming a prequalified subcontractor when subcontractors are prequalified. A bid received listing an unqualified subcontractor will be disqualified as nonresponsive. No bid shall be accepted for the project from unqualified contractors.

(g) A contractor's prequalification status will immediately terminate if: (1) The contractor fails to give the District written notice of change in the information previously provided within 10 days before a bid opening; (2) the contractor's license is suspended or terminated by the California State Licensing Board; (3) the contractor is convicted of a crime of moral turpitude; (4) the contractor's application contains materially false information; or (5) the contractor's control over a public works contract, whether within the District's jurisdiction or otherwise is terminated for cause.

(h) The District shall give written notice to each contractor of the prequalification determination for that contractor. A contractor may appeal a rating of "not qualified", including a decision to revoke a previous qualified rating. There is no appeal from a finding that a contractor is not prequalified because of a failure to submit required information or failure to submit required

information in a timely manner.

(1) Contractor may appeal the decision as follows:

a. By giving written notice of appeal to the General Manager no later than ten days after receipt of the not qualified rating.

b. The notice of appeal shall contain at least the following:

(i) The name, address and telephone number of the person making the appeal.

(ii) A description of the determination which is the subject of the appeal, and the date of the Notice of Determination; or

(iii) A brief description of the grounds for the appeal.

(2) The District will provide the contractor with a written statement of the basis for the not qualified determination and supporting evidence received from others or adduced as a result of investigation.

(3) Within 14 days of sending the response to the contractor, the General Manager shall hear the appeal. The hearing shall be an informal one. The contractor may rebut evidence which is the basis for the determination and present evidence why the contractor is qualified.

(4) The General Manager or designee may affirm the earlier determination or reverse the determination and assign an alternate rating. This decision will be in writing containing a summary of the facts that led to the decision. The decision of the General Manager is final. A contractor shall have no right to appeal the decision to the Board.

a. The General Manager may cancel the prequalification process at any time during the prequalification process, even after receiving and scoring applications. If the prequalification process is cancelled, the normal competitive bidding rules will apply. The District assumes no liability for the cost a prospective contractor may have incurred by submitting an application for prequalification, and the submittal of a prequalification application is a waiver to claim any such cost or losses due to cancellation of the process.

2-6.405 PREQUALIFICATION OF VENDORS

(a) The GM may establish a list of qualified vendors for goods or services which the district frequently purchases. The list will be valid for 5 years and vendors who prove to be unqualified shall be removed and vendors who demonstrate their qualifications may be added.

(b) The GM may purchase good or services from qualified vendors on the list described above with further bidding if the amount of the purchase is less than \$35,000. The board must approve purchases from qualified vendors if the amount of the purchase is \$35,000 or more.

2-6.406 SERVICES

(a) The District shall procure professional services, such as legal, medical, engineering, architectural, financial, human resources, labor relations, and educational, in accordance with the procedures recommended by the ethics of the discipline involved and taking into consideration quality of work, performance, and price.

(b) The District shall procure contractual services, such as those for custodial work and landscaping, in accordance with procedures that allow for consideration of the quality of work, warranty and establishment of performance standards in addition to price.

(c) If the service is estimated to cost less than \$35,000, the General Manager may informally solicit proposals and enter into contracts without Board approval.

(d) If the service is estimated to cost \$35,000 or more and is included in the current year budget, the General Manager may solicit formal proposals without Board approval. Formal proposals are solicited with a written request for proposals made publically available on the District's website for at least 2 weeks.

(e) If the service is not in the current year budget, the General Manager may solicit proposals and enter into contracts only with prior Board approval.

- (f) All contracts of \$35,000 or more require Board approval.

2-6.407

GOODS

- (a) The District shall procure goods, other than works of improvement and services, as mentioned above, pursuant to this Section.
- (b) Goods included in the current year budget and estimated to cost less than \$35,000 shall be purchased without further Board action following informal bidding procedures.
- (c) Goods and services included in the current year budget and estimated to cost \$35,000 or more shall be purchased by the formal bidding process.
- (d) The General Manager may solicit formal bids for items estimated to cost more than \$35,000 without prior Board approval only if the amount is included in the current year budget.
- (e) All contracts of \$35,000 or more require Board approval.

2-6.408

EXCEPTIONS

- (a) The General Manager may approve changes to contracts ("change orders") for the procurement of supplies, equipment, contracts for professional services, and other goods and services provided;
 - (1) The change order is within the scope of the approved contract by the board, the cost of the changed work does not exceed the adopted budget; and,
 - (2) The cumulative change orders are within 10% of the original contract amount; and
 - (3) Other parameters set by the Board are followed.
- (b) The General Manager may approve change orders for works of improvement provided the changed work is within the scope of the project approved by the board, the cost of the changed work does not exceed the budget for the work approved by the board, and:
 - (1) For contracts less than or equal to \$1,000,000:

- a. a single change order does not exceed \$50,000;
 - b. the total of all change orders does not exceed \$100,000;
- (2) For contracts greater than \$1,000,000:
 - a. a single change order does not exceed 5% of the original amount awarded by the board;
 - b. the total of all change orders do not exceed 10% of the original amount awarded by the board; and
- (3) For contracts regardless of amount:
 - a. a time extension up to 25% of the time stated in the contract; and
 - b. a deduction change order within the foregoing parameters, but a deduction change order shall not offset the above amounts.
- (c) The General Manager shall file a written notice with the clerk when a change order is approved by the General Manager pursuant to this sub-section. The clerk shall distribute to the board as an information item at the next board meeting.
- (d) Bidding shall not be required for goods or services in the following circumstances:
 - (1) Goods and services included in the current year budget and that have an estimated value less than \$2,500.
 - (2) A vendor is the sole source for the goods or services as determined by the General Manager.
 - (3) If the vendor has been selected during the past twelve consecutive months as the designated qualified vendor for the items, or classes of items, to be purchased.
 - (4) Emergency or urgent purchases, as defined.
- (e) The procurement procedures set forth in this Article do not apply if the cost of goods or services is established by federal, state or local regulation, such as is the case with utility services and the supplies and appurtenant equipment.
- (f) If competitive bid procedures have already been utilized, such as in purchasing from federal, state, county, city or special district governmental

agencies, or from cooperative purchasing consortiums consisting of such agencies, and these materials and services are supplied to the District at the same or better price, the informal or formal bidding procedures specified herein may be waived.

2-6.409 MISCELLANEOUS

a) Goods and services shall be procured from the responsive vendor who provides the greatest value as determined by the criteria specified in the Notice Inviting Bids, the written specifications, or the request for proposal.

b) The procedures, personnel, and system of forms to be used by District employees in the procurement of goods and services shall be determined by the General Manager and set forth in clean and concise written form consistent with the provisions of this Article. The directive shall be made available to employees and shall become the process for the procurement of goods and services.

2-6.410 Surplus

The General Manager may declare supplies, materials or equipment as surplus, obsolete or unused and authorize its disposal. The General Manager shall implement procedures to ensure that the District receives fair value for surplus items.



April 12, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Resource Conservation & Public Outreach

Subject : Sanitation Rate for Single-Family Residential Customers

SUMMARY:

On March 8, 2016, Ms. Paula Pool addressed the Board with a concern related to the District's new methodology for its single-family residential sanitation service rate, which is based on number of household residents rather than winter water usage. Ms. Pool explained that the new methodology results in higher sanitation rates for large families even if they use water efficiently; whereas, these customers were eligible for a reduced sanitation rate under the previous methodology using winter water usage.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

DISCUSSION:

Background:

Proposition 218 requires that charges for sanitation services be based on the cost of providing the service, which is related to the volume of sewage generated by the customer. Previously, the District used customers' winter water usage as a surrogate to estimate sewage generation (it is not directly metered), given that the majority of winter water usage occurs indoors and returns to the sewer system. However, with the on-going statewide drought, it became apparent significant outdoor usage could be required during the winter due to the lack of rainfall, resulting in an overestimation of sewage generation rates. To address this problem and better reflect actual sewage generation rates, the District opted to base residential sanitation

rates on number of household residents, estimated to require 55 gallons per person per day based on state-adopted standards.

Potential Option to Address Concern:

A potential option to address the concern raised by Ms. Pool would be to adjust the number of household residents to an "equivalent" figure, which would be calculated by dividing the customers estimated indoor water usage by 55 gallons per person per day. Estimated indoor water usage would be determined through a site visit and interview with the customer. To be eligible for such an adjustment, the customer would be required to demonstrate very efficient water use over a period of time. Also, an audit of the customer's irrigated area would be necessary to verify the accuracy of the water budget and distinguish between indoor versus outdoor water usage. The adjustment to an "equivalent figure" for household residents would also affect the customer's water budget, reducing the overall amount allocated. However, the change would not be expected to adversely affect the very efficient customers who would be eligible for the change. If adopted, the adjustment could be incorporated into the District's existing Policy for Water Budget Adjustments.

Consistency with Commercial Billing Methodology:

The use of equivalent household residents for very efficient residential sanitation customers would be analogous to the District's existing sanitation service adjustment for certain commercial customers with sub-meters that more directly measure water usage assumed to reach the sewer system. These customers are provided with a reduced sanitation rate, recognizing that a portion of their water usage is not tributary to the sewer system. As an aside, the provision in the Las Virgenes Municipal Water District Code that authorized this program was inadvertently omitted during a Code update in 2007. Staff will propose a future agenda item for the Board to consider restoring the provision.

Timing Considerations:

With the new rate structure in effect for only three months, staff believes it may be premature to implement the an adjustment to equivalent household residents until a more thorough analysis of the revenues collected under the new rate structure can be completed. Staff believes that it would be prudent to evaluate the potential revenue impact of the change and level-of-effort required to administer the program. Also, it will be important to verify that the new rate structure adequately recovers the overall cost of sanitation service. Staff has communicated with Ms. Pool on the potential option to address her concern and timing consideration given the recent implementation of the new rate structure.

GOALS:

Provide Excellent Service That Exceeds Customer Expectations

Prepared by: Carlos G. Reyes, Director of Resource Conservation and Public Outreach



April 12, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Corrosion Control Desktop Study

SUMMARY:

The District was required by drinking water regulations to perform a "desktop" analysis of its existing lead and copper water quality data from the potable water distribution system to demonstrate that the water system is optimized for corrosion control. In March 2016, Water Quality & Treatment Solutions, Inc. (WQTS) completed the corrosion control desktop study and determined the District's potable water system is optimized for corrosion control. No additional treatment was recommended.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

DISCUSSION:

On July 14, 2015, the Board approved the release of a Request for Proposals for a corrosion control desktop study as required by Title 22, Division 4, Chapter 17.5 of the California Code of Regulations. On September 2, 2015, the District executed a professional services agreement with WQTS, in the amount of \$24,875, to complete the study (copy attached). WQTS determined the District's potable water system is optimized for corrosion control; no additional treatment is recommended.

Given the recent news regarding high lead levels in the water system for Flint, Michigan, it is worth explaining the circumstances in Flint and why it is not a concern for the District's water system. The high lead levels in Flint were caused by corrosion of lead water services

following a switch in water source from Lake Huron to the Flint River, which had a different water chemistry. The District does not have lead water service lines, and its potable water is non-corrosive. Also, the District routinely monitors for lead and copper levels at customers' taps to ensure that the water meets all state and federal drinking water standards.

A summary of lead test results is provided in the District's Annual Water Quality Report available at www.LVMWD.com/WQR.

GOALS:

Provide Safe and Quality Water with Reliable Services

Prepared by: Eric Maple, P.E., Associate Engineer

ATTACHMENTS:

Corrosion Control Desktop Study



Corrosion Control Desktop Study

Technical Report

Submitted to

Las Virgenes Municipal Water District
Calabasas, California



March 9, 2016

CORROSION CONTROL DESKTOP STUDY

Prepared for:

Las Virgenes Municipal Water District
Calabasas, California

Prepared by:

Water Quality & Treatment Solutions, Inc.
Los Angeles, California



March 9, 2016

INTRODUCTION

The Las Virgenes Municipal Water District (LVMWD) conducted two rounds of compliance monitoring under the federal Lead and Copper Rule (LCR) in 1992. The 90th percentile lead results were 9 µg/L and 11 µg/L. In 1994 the LVMWD prepared and submitted to the Environmental Protection Agency's Region 9 office, a desktop evaluation to identify optimal lead corrosion control strategy. The 1994 LCR Desk Top Evaluation concluded the following:

“Las Virgenes water source can be characterized as non-corrosive water and their treatment system is already optimized for corrosion control. The lead measured at certain home taps is probably caused by lead dissolution of plumbing fixtures rather than the lack of formation of a protective scale on the distribution and home piping. Only pH adjustment would be effective in addressing this source of lead contamination, but it would increase the formation of trihalomethanes and probably result in violation of the THM MCL of 100 µg/L. For this reason, pH adjustment is not recommended and the system is already considered to be optimized for corrosion control.”

From 1999 to 2014, LVMWD conducted monitoring at a reduced number of home taps every three years. During the 2014 LCR home tap monitoring, the 90th percentile lead value was 0.0093 mg/L and all source water lead results were ND. Title 22, section 64678(b)(1) states that when source water results are ND, a value of 2.5 µg/L is used to calculate the difference between the 90th percentile and the source water levels. The difference between the 90th percentile and the source water lead levels for LVMWD's 2014 monitoring is then calculated to be 6.8 µg/L. Since that value is 1.8 µg/L greater than the lead DLR of 5 µg/L, the District was required to prepare a desktop corrosion control evaluation.

This document includes the analysis conducted under the desktop study and its outcome. The study was conducted in conformance with the requirements of Title 22, section 64683.

ORGANIZATION OF DESKTOP STUDY

The following is an outline of the sections of this desktop study:

1. Water Quality Parameters and Corrosion Control Indices
2. Description of the LVMWD System
3. Source Water Quality
4. Review of Customer Complaints
5. Review of the 2014 Home Tap Lead Results
6. Corrosion Control Treatment Evaluation
7. Conclusions and Recommendations

SECTION 1: WATER QUALITY PARAMETERS AND CORROSION CONTROL INDICES

The following section presents a brief description of water quality parameters that are related to the corrosivity of water. In addition, descriptions are presented of two commonly used corrosion indices included in this evaluation.

Water Quality Parameters

The following water quality parameters are related to the corrosivity of water and are included in this desktop evaluation:

Temperature: Warmer water temperatures could increase corrosion rates and also increase the tendency for CaCO_3 to precipitate.

pH: pH is the major factor that determines the solubility of most metals (Schock, AWWA Water Quality and Treatment, 1990). Higher pH may decrease corrosion rates and can help protect distribution system piping, whereas a lower pH may increase the corrosion rate of metals.

Alkalinity: The alkalinity of water is a measure of its ability to resist pH change. In natural waters, alkalinity is calculated as the sum of carbonate, bicarbonate and hydroxide equivalents and is reported as mg/L as CaCO_3 . Waters with a higher alkalinity have a greater “buffering capacity” (i.e., a stronger capacity to resist changes in pH).

Chloride and sulfate: Chloride and sulfate ions could cause pitting of metallic pipe by reacting with metals in solution and causing them to stay soluble. This prevents the formation of protective metallic oxide films on the surface of the pipes. Research indicates that chloride is about three times as active as sulfate in causing this effect. The ratio of chloride to sulfate has been used as a potential indicator of the corrosivity of a water.

Dissolved inorganic carbonate (DIC): DIC is an estimate of the amount of total carbonates in water measured as mg C/L. The level of DIC in the water can impact the stability of pH and relates to the buffering capacity of water.

Total Dissolved Solids (TDS)/Conductivity: The water’s conductivity is important for corrosion activity in terms of completing the electrochemical circuit responsible for corrosion reactions. The type of ions that compose the TDS can be important factors affecting corrosion.

Corrosion Indices

The LVMWD desktop study includes the calculation and evaluation of two corrosion indices, the Saturation Index (SI) and the Calcium Carbonate Precipitation Potential (CCPP). The SI and CCPP are used to assess the tendency of water to be corrosive or non-corrosive towards distribution system materials. Both of these indices are based on corrosion control through calcium carbonate (CaCO_3) saturation and the belief that a slight oversaturation of CaCO_3 may promote its precipitation and formation of a thin protective layer within distribution system piping. The following presents a brief description of the guidelines used to interpret the SI and CCPP results.

Langelier Saturation Index (SI): calculated based on the difference between the pH of the water and the “saturation pH” (pH_s). The SI is used to predict the calcium carbonate stability of water, that is, whether the water will precipitate, dissolve, or be in equilibrium with calcium carbonate. The following general guidelines are used for interpreting SI results:

- SI < 0 Water is under saturated with CaCO_3 and tends to dissolve CaCO_3
- SI = 0 Water is in equilibrium with CaCO_3 , a layer of CaCO_3 is neither precipitated nor dissolved
- SI > 0 Water is supersaturated with CaCO_3 and tends to precipitate CaCO_3

Calcium Carbonate Precipitation Potential (CCPP): the CCPP calculates the theoretical amount of CaCO_3 that will precipitate or dissolve from the solution as it comes to equilibrium under given water quality conditions. The following general guidelines are used for interpreting CCPP results:

- CCPP < 0 Water tends to dissolve CaCO_3
- CCPP = 0 Water is in equilibrium with CaCO_3 , and a layer of CaCO_3 is neither precipitated nor dissolved
- CCPP > 0 Water tends to precipitate CaCO_3

SECTION 2: DESCRIPTION OF THE LVMWD SYSTEM

LVMWD is one of 26 member agencies of the Metropolitan Water District of Southern California (MWDSC). The District serves a population of approximately 70,000 in a 122 square mile service area. The service area includes the incorporated cities of Agoura Hills, Calabasas, Hidden Hills, and Westlake Village as well as unincorporated portions of Los Angeles County.

The service area consists of 22 separate service zones (and within these service zones are multiple sub-zones created through pressure regulation). The service area consists primarily of residential and commercial development, with only a small portion of service area designated for industrial and agricultural use.

It is emphasized that there are no lead service lines in the LVMWD service area.

LVMWD’s primary source of potable water is treated water purchased from MWDC, supplied by the Jensen Water Treatment Plant (WTP) located in Granada Hills. LVMWD owns and operates the Westlake Filtration Plant (WLFP), a diatomaceous earth filtration plant treating water from Las Virgenes Reservoir. LVMWD has three service connections with MWDC (LV1, LV2 and LV3). The WLFP provides a small portion of the LVMWD supply.

Las Virgenes Reservoir has a total capacity of 9,600 AF and LVMWD fills the reservoir with imported water purchased from MWDC during low demand years. During MWDC outages, LVMWD can purchase water from the Los Angeles Department of Water and Power (LADWP) through two connections. One turnout from LADWP, located on Kittridge Street, can provide up to 11 cubic feet per second (cfs). The second LADWP turnout is located on Germain Street and is primarily used as a backup supply for the Twin Lakes area, and has a capacity of approximately 3 cfs.

The ongoing drought in California had a significant impact on LVMWD’s supplies during the 2014 LCR home tap sampling. Two specific actions were taken to minimize demands on limited State Water Project (SWP) supplies and shift the demands to Colorado River Aqueduct (CRA) supplies. First, in March 2014, MWDC began operating its Greg Avenue Pump Station in Burbank to pump Colorado River Water into parts of the MWDC service area, including the LVMWD service area, that normally receive SWP supplies. Second, arrangements were made between MWDC, LVMWD and LADWP whereby LADWP would provide up to 11cfs of CRA water to LVMWD at the Kittridge Street interconnection.

Figures 1, 2, and 3 present LVMWD’s sources during 2012, 2013 and 2014¹. As can be seen in Figure 3, during the 2014 LCR home tap

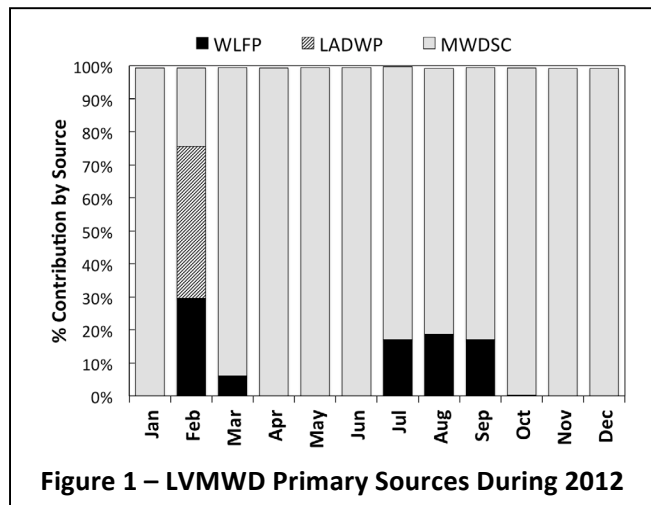


Figure 1 – LVMWD Primary Sources During 2012

¹LVMWD can also receive treated imported water from the City of Simi Valley/Ventura County Waterworks District 8. These connections provide potable water to two small areas in the hills west of the San Fernando Valley (Woolsey Canyon and Box Canyon). These connections accounted for less than 1 percent of LVMWD’s supply during 2012-2014 and are not shown in Figures 1, 2 and 3.

monitoring, a significant portion of the District supply was obtained from LADWP. Therefore, this desktop study will include analysis of the source water quality data for the LADWP supply.

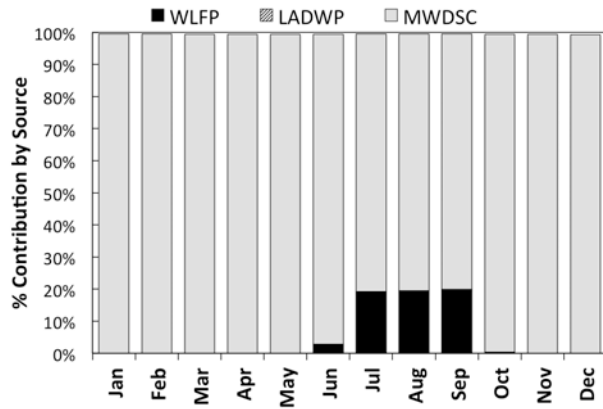


Figure 2 – LVMWD Primary Sources During 2013

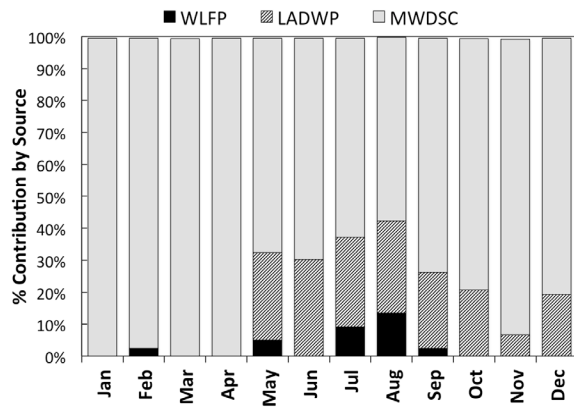


Figure 3 – LVMWD Primary Sources During 2014

SECTION 3: SOURCE WATER QUALITY

This section of the desktop study presents water quality data for the District’s three sources of water during the 2014 LCR home tap sampling event: (1) MWDSC, (2) WLF and (3) LADWP.

MWDSC’s Jensen WTP. The Jensen WTP is a conventional treatment plant with ozone as the primary disinfectant and chloramine as the secondary disinfectant. At the clearwell effluent of the Jensen WTP, sodium hydroxide is added to achieve a target pH of 8.2 for corrosion control. Based on MWDSC monthly water quality reports, Table 1 presents the range and average for a number of water quality parameters measured in the effluent of the Jensen WTP during 2011 – 2015. The water quality data was used to calculate the SI and CCPP indices².

The Jensen WTP effluent has moderate levels of alkalinity and calcium. The range and average SI and the CCPP indices are positive and indicate that the Jensen WTP effluent water quality is non-corrosive, and would have a tendency to precipitate CaCO₃.

² The computer program PHREEQC, version 3, developed by the United States Geological Survey, with the database phreeqc.dat was used to calculate the SI and CCPP values reported in this study.

Table 1 – Jensen WTP Effluent Water Quality (2011 – 2015)

Parameter	Unit	Range		Average
		Min	Max	
pH	–	8.1	8.4	8.3
Alkalinity	mg/L as CaCO ₃	74	94	84
Calcium	mg/L as Ca	22	38	27
Temperature	°C	14	26	19
Conductivity	µS/cm	385	716	541
TDS	mg/L	232	430	303
DIC	mg C/L	17.7	22.2	20
Langelier SI	–	0.05	0.25	0.14
CCPP	mg/L as CaCO ₃	0.57	3.01	1.59

In addition to routine monthly monitoring at the effluent of their treatment plants, MWDC conducts quarterly water quality monitoring at a number of Member Agency connections. Table 2 presents a summary of the quarterly results for LVMWD's LV2 connection from 2011 through 2015. The calculated SI values ranged from slightly negative to slightly positive, and on average were slightly positive. The calculated CCPP values ranged from negative 2.5 (–2.5) to positive 4.9, while on average the calculated CCPP was positive (0.96).

Table 2 – LVMWD LV2 Connection Water Quality (2011 – 2015)

Parameter	Unit	Range		Average
		Min	Max	
pH	–	7.9	8.4	8.2
Alkalinity	mg/L as CaCO ₃	75	104	88
Calcium	mg/L as Ca	20	45	26
Temperature	°C	13	22	16
Conductivity	µS/cm	314	636	445
DIC	mg C/L	18	25	21
Langelier SI	–	-0.23	0.34	0.07
CCPP	mg/L as CaCO ₃	-2.5	4.9	0.96

Westlake Filtration Plant. During 2014, the WLFPP provided approximately 3% of the District's total supply. It is noted that during June 2014 when the majority of the LVMWD home tap samples were collected the WLFPP was off-line. WLFPP water quality data were collected for the period 2012-2014 and are presented in Table 3. The calculated SI ranged from slightly negative to slightly positive. The average SI was slightly positive. The calculated CCPP values ranged from negative to positive and the average CCPP value was slightly positive. While there is some fluctuation in these calculated values, the WLFPP water on average was non-corrosive.

Table 3 – WLFPP Effluent Water Quality (2012 – 2014)

Parameter	Unit	Range	Average
		Min – Max	
pH	–	7.5 – 8.3	8.0
Alkalinity	mg/L as CaCO ₃	100 – 130	116
Calcium	mg/L as Ca	25.6 – 37.8	32
Temperature	°C	14.9 – 24.4	20
Conductivity	µmho/cm	550 – 670	627
TDS	mg/L	300 – 380	340
DIC	mg C/L	24 – 33	28
Langelier SI	–	-0.31 – 0.29	0.04
CCPP	mg/L as CaCO ₃	-7.99 – 4.21	0.09

LADWP Los Angeles Aqueduct Filtration Plant. As noted previously, during the months of LVMWD's 2014 LCR home tap monitoring program, approximately 30% of the LVMWD supply was purchased from LADWP and consisted of water treated at the Los Angeles Aqueduct Filtration Plant (LAAFP) and delivered to LVMWD via the Kittridge storage tanks #3 and #4.

LADWP was contacted to obtain water quality data representative of the water supplied to LVMWD. Table 4 presents the range and average levels for selected water quality parameters measured in the effluent of the LAAFP between May 2014 and August 2015.

The water quality results in Table 4 indicate moderate levels of alkalinity and calcium. The calculated SI and CCPP values indicate that the water was slightly under-saturated with respect to CaCO₃ and could have a tendency to dissolve CaCO₃.

**Table 4 – LADWP Bypass Reservoir Inlet Water Quality
(May 2014 - August 2015)**

Parameter	Unit	Range	Average
		Min – Max	
pH	–	7.2 – 7.8	7.4
Alkalinity	mg/L as CaCO ₃	80 – 104	93
Calcium	mg/L as Ca	27 – 38	33
Temperature	°C	16 – 21	18
Conductivity	µS/cm	533 – 637	591
TDS	mg/L	294 – 369	328
DIC	mg C/L	22 – 27	24
Lagelier SI	–	-1.1 – -0.3	-0.6
CCPP	mg/L as CaCO ₃	-22 – -5.2	-13

SECTION 4: CUSTOMER COMPLAINTS

LVMWD maintains a monthly record of customer complaints. These records from 2012 through 2014 were reviewed for this study. In each of the months of May, September, and November 2013, there was a single customer call to LVMWD regarding brown/rusty colored water that likely indicated the corrosion of iron piping. The November 2013 customer call was triggered by rusty colored hot water and was believed to have been related to the hot water heater. All calls were followed up by LVMWD inspection and a check of the water quality. There were no similar customer calls regarding brown/rusty colored water during 2014. There were also no customer calls indicating excessive mineral deposits or clogging of hot water heaters.

SECTION 5: REVIEW OF THE 2014 HOME TAP LEAD RESULTS

Thirty homes were included in the 2014 LCR monitoring program. The minimum home tap lead result was ND and the maximum result was 12 µg/L, with the 90th percentile calculated at 9.3 µg/L compared to the lead action level of 15 µg/L. The 90th percentile copper result was 270 µg/L compared to a copper action level of 1,300 µg/L. The complete set of 2014 home tap lead results is presented in Appendix A.

To review the current and historical home tap lead results for any trends, the lead results for 2014 monitoring and the five previous monitoring events were sorted and organized into the concentration range categories presented in Table 5 and are plotted in Figure 4. The distribution of the home tap lead results over the years have been fairly consistent. Figure 4

highlights the larger number of homes with non-detect results during the 2005 LCR sampling. The distribution analysis shows that the 2005 lead results are shifted lower than the other four sampling events with 97% of the results equal to or less than the DLR of 5 µg/L.

Table 5 – Distribution for Lead Home Tap Results (1999-2014)

Lead, µg/L	% of Total Samples from each Sampling Event				
	2002	2005	2008	2011	2014
≤0.5	0%	44%	13%	17%	13%
>0.5 & ≤5.0	75%	53%	67%	67%	67%
>5.0 & ≤10	19%	3%	20%	10%	17%
>10 & ≤15	3%	0%	0%	0%	3%
>15	3%	0%	0%	7%	0%

Figure 5 presents the 50th and 90th percentile lead levels measured in the last five sampling rounds. The data show that the 50th and 90th percentiles in the 2005 were significantly lower than those of other years. The data may even suggest that the lead level has been increasing steadily since 2002. Therefore, an evaluation was conducted to investigate this observation.

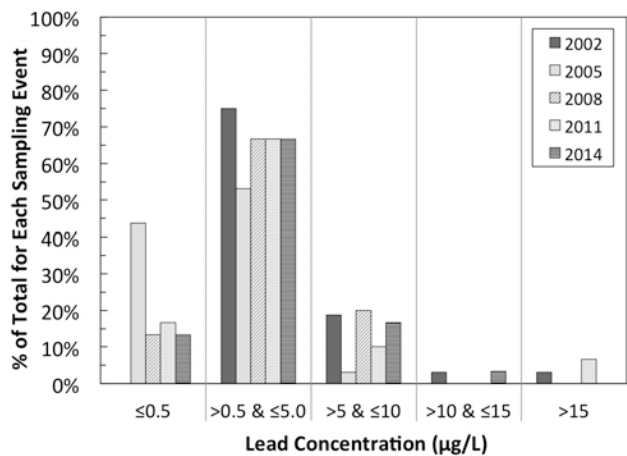


Figure 4 – Distribution of Home Tap Lead Results (2002 – 2014)

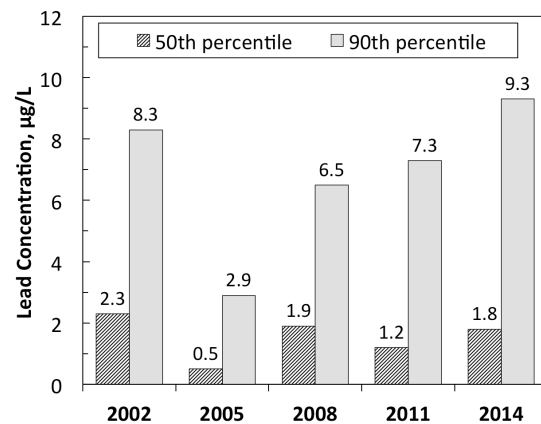


Figure 5 – 50th and 90th Percentile Lead Results (2002 – 2014)

In a Journal AWWA article (Edwards & Triantafyllidou, 2007), the authors reviewed the potential importance of the chloride-to-sulfate mass ratio (CSMR) on galvanic corrosion and the leaching of lead from solder and plumbing fixtures, particularly brass fixtures. The authors reported that in a survey of 23 utilities, if the CSMR was less than 0.58, then the 90th percentile lead result was below the lead action level. This observation held true for 12 out of the 12

utilities where the ratio was less than 0.58. However, if the CSMR was greater than 0.58, the authors reported that only 4 out of 11 utilities had a 90th percentile lead result less than 15 µg/L. The authors concluded that water with a CSMR greater than 0.5 could be associated with increased leaching of lead from solder and brass fixtures³.

To investigate whether the CSMR could be related to the LVMWD LCR monitoring results, monthly water quality data for chloride and sulfate measured in the Jensen WTP effluent were collected and organized for the last five LVMWD LCR home tap monitoring events. The results, which are presented in Figure 6, show that during the months of June through August when LVMWD collects its LCR samples, the CSMR in 2005 was approximately 0.5, while it was at or greater than 1.2 in all of the other years.

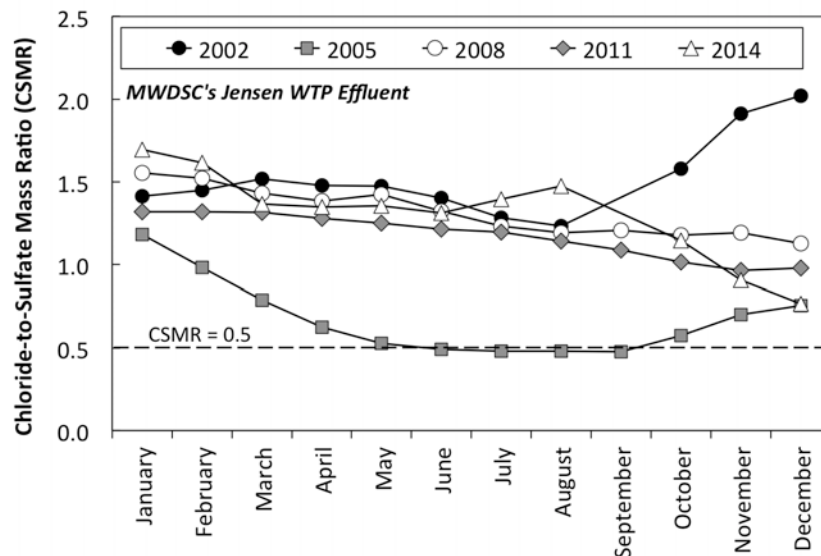


Figure 6 – Monthly Chloride to Sulfate Mass Ratio (2002 - 2014)

Figure 7 shows the calculated average CSMR for June through September for each year superimposed over the plot of 50th and 90th percentile values plot. Figures 5 and 6 support a correlation between the CSMR and the 90th and 50th percentile results for LVMWD's LCR home tap monitoring programs. Figure 8 presents linear regression fits of the 50th and 90th percentile results vs. the average CSMR for June through September for each of the last five LCR monitoring events. For both the 50th and 90th percentile results there is a strong linear correlation ($R^2 > 0.75$) between the average CSMR during the sampling period and the 50th and 90th percent lead levels.

³ It is believed that sulfate in water can be beneficial by reducing galvanic currents and also through the formation of relatively insoluble $PbSO_4$ solids. Chloride is believed to enhance the dissolution of lead by increasing galvanic current and through the formation of soluble complexes such as $PbCl^+$.

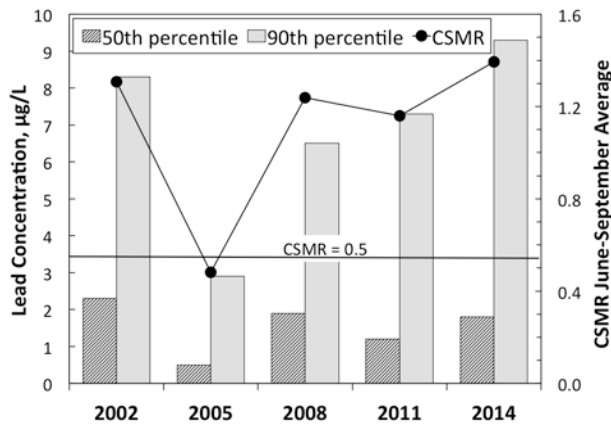


Figure 7 – CSMR and 50th and 90th Percentile Lead Results

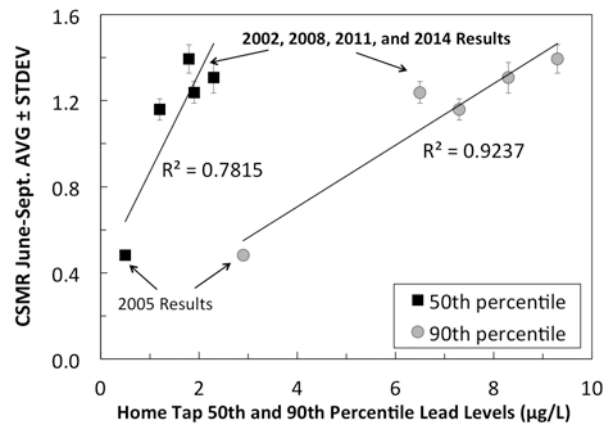


Figure 8 – CSMR as a Function of 50th and 90th Percentile Lead Results

Table 6 presents lead levels measured at homes in the LVMWD service area sampled during at least four LCR monitoring events. In general, the results in Table 6 indicate that the lowest results were recorded during 2005. However, the highest lead result for Home #8, 5 µg/L, was recorded during 2005. The second highest result for Home #6 was recorded in 2005. Also note that the 2014 results do not indicate a particular trend; the 2014 results for some homes were consistent with results from previous years; some homes showed a decrease and some homes showed an increase.

Table 6 – Lead Levels at LVMWD Service Area Homes Sampled during the Last Four Monitoring Events

Location	Year of Monitoring Event			
	2005	2008	2011	2014
Home #1	1.0	0.5	0.5	1.8
Home #2	0.5	8.7	1.5	1.0
Home #3	0.5	1.0	1.2	5.5
Home #4	0.5	1.5	1.1	1.3
Home #5	0.5	4.9	1.0	0.9
Home #6	8.1	1.8	1.4	9.8
Home #7	0.5	1.0	1.2	3.1
Home #8	5.0	2.6	2.0	2.0
Home #9	0.6	2.9	0.8	1.4
Home #10	0.5	2.7	1.3	2.7
Home #11	2.8	6.5	4.1	0.9

The preceding analysis suggests that the low lead levels in 2005 could have been due to an unusually low CSMR level in the water. However, while there appears to be a correlation between LVMWD's LCR monitoring results and the calculated CSMR, it is uncertain whether or not the CSMR is a causative factor in LVMWD's historical LCR monitoring results.

SECTION 6: CORROSION CONTROL TREATMENT EVALUATION

The focus of this section will be on the MWDSC supply, as it represents LVMWD's primary source of supply historically and in the future. While the WLFPP contributes a small percentage of LVMWD's supply, it will be included in this discussion for completeness. In addition, due to the ongoing drought a large volume of water was supplied by LADWP during the 2014 LCR monitoring and the discussion will include the LAAFP.

Table 7 presents the three treatment approaches presented in the federal LCR and Guidance Manual (Volume 2) and Title 22 (Article 5, section 64683) that are to be investigated as part of a corrosion control study. Table 7 presents a brief description of each approach.

Table 7 – LCR Corrosion Control Treatment

Treatment Approach	General Description
Alkalinity and pH adjustment	The objective of alkalinity and pH adjustment is to decrease the solubility of the metal and form less soluble metal compounds (i.e., metal carbonate and metal hydroxides). These less soluble compounds can adhere to a pipe's surface and form a protective scale.
Calcium hardness adjustment	Refers to the concept of adjusting the calcium and carbonate equilibrium system to promote calcium carbonate (CaCO ₃) precipitation in the distribution system piping in order to form protective coating on interior pipe surface. Treated water must be saturated with respect to calcium and carbonate at the given pH conditions.
Use of inhibitors (phosphate or silicate based compounds)	The use of phosphate or silicate based compounds to form less soluble metal compounds, which can adhere to interior pipe surfaces and protect the surface from corrosion.

MWDSC Supply

MWDSC currently adds sodium hydroxide (NaOH) to its filtered water at the Jensen WTP to achieve a target pH of 8.2 in the treated water. This section presents a review and evaluation

of the three corrosion control alternatives applied to the purchased MWDSC at the three LVMWD connections.

Figure 9 presents the SI values for Jensen WTP effluent calculated using average values of the monthly water quality data (i.e., alkalinity, calcium, TDS and temperature) from 2011 through 2015 at various pH values (i.e., 7.8, 8.0, 8.2, 8.4 etc). Vertical lines were then added to Figure 9 to indicate the actual minimum, maximum and average pH values for the Jensen WTP effluent. The horizontal line drawn at an SI of zero indicates where the water would be considered in equilibrium with any CaCO₃ scale on the inside of the pipe surfaces, and would therefore neither deposit nor dissolve CaCO₃. The SI values at the actual minimum, maximum and average pH values are either zero or positive and indicate that the water would be considered non-corrosive with a tendency to deposit CaCO₃.

Figure 10 presents CCPP values calculated using average values of the monthly water quality data from 2011 through 2015 (and again using a series of pH values, 7.8, 8.0, 8.2 etc.). Vertical lines were added to Figure 10 indicating the actual minimum, maximum and average pH values for the Jensen WTP. The horizontal line drawn at a CCPP of zero is where the water would be in equilibrium with any CaCO₃ scale on the inside of the pipe surfaces and would neither deposit nor dissolve CaCO₃. The calculated CCPP values at the actual minimum, maximum and average pH values for the Jensen WTP effluent are either zero or positive and indicate water that is non-corrosive and would have a tendency to deposit CaCO₃.

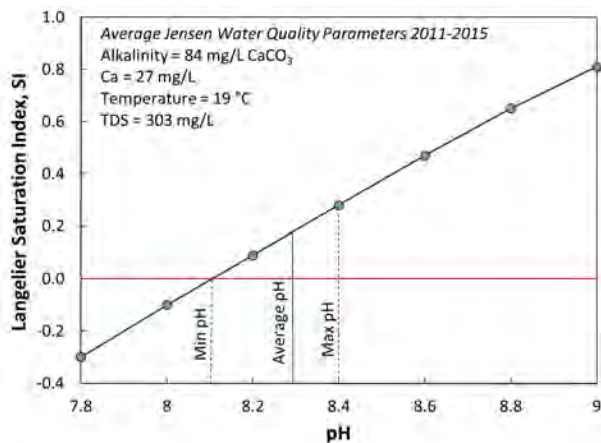


Figure 9 – Calculated SI for Jensen WTP Effluent (2011-2015)

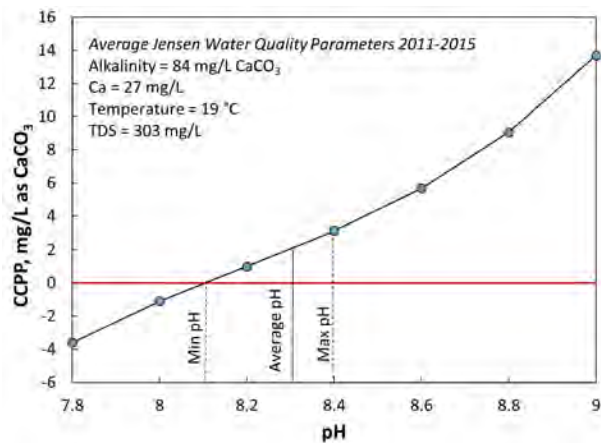


Figure 10 – Calculated CCPP for Jensen WTP Effluent (2011-2015)

Evaluation of Corrosion Control Options for the MWDSC Supply. The following presents a review of applying the three corrosion control treatment approaches identified in Title 22 to MWDSC water:

Calcium hardness adjustment: calcium hardness adjustment describes the process of chemical adjustment of calcium and carbonate equilibrium to promote CaCO_3 precipitation. This treatment approach will not be carried forward based on the fact that the calculated SI and CCPP indices indicate that MWDSC supply contains sufficient amounts of calcium and that MWDSC's current target pH of 8.2 should promote the tendency to deposit a thin CaCO_3 film.

pH and alkalinity adjustment: The solubility of metals is dependent upon the form of the metal in solution. The impact on corrosion due to pH adjustment is related to the formation of less soluble metal species (typically, hydroxyl-carbonate compounds).

Figure B1 in Appendix B is a contour diagram presenting the theoretical relationship between pH, inorganic carbonate, and the solubility of lead. The number associated with each contour line represents the \log_{10} of the lead concentration in mg/L. For example, the contour line on Figure B1 identified with the -0.8 value, represents a theoretical lead solubility of $10^{-0.8}$ or 0.156 mg/L. On Figure B1, Point "A" is located at average water quality values for the Jensen WTP from Table 1 (i.e., pH = 8.3, DIC = 20 mg C/L). At Point "A" on the contour diagram, the theoretical lead solubility would be calculated as follows:

$$10^{-0.70} = 0.200 \text{ mg/L}$$

Point B on Figure B1 is located at the maximum pH at the effluent of the Jensen WTP taken from Table 1 (i.e., pH = 8.4). At Point B, the theoretical lead solubility would be calculated as follows:

$$10^{-0.75} = 0.178 \text{ mg/L}$$

Moving from Point A to Point B on Figure B1 (and reducing the theoretical lead solubility from 0.200 mg/L to 0.178 mg/L) represents an 11 percent decrease in the solubility of lead⁴. If the pH was further increased to 8.7, the theoretical lead solubility would be calculated as follows:

$$10^{-0.85} = 0.141 \text{ mg/L}$$

Increasing the pH from 8.3 to 8.7 would represent a 29% reduction in the solubility of lead.

⁴ Lead solubility is a complex phenomenon, and can vary based on site-specific conditions. The lead solubility diagram presented in Appendix B is applicable for the specific water quality conditions presented with the figure and is used here for illustrative purposes only.

Water quality data indicate that the Jensen WTP effluent has a theoretical tendency to deposit a CaCO_3 film. This suggests that the MWDSC Jensen supply contains a sufficiently high level of carbonate alkalinity. As can be seen in Figures 8 and 9, increasing the pH of MWDSC water as it enters the LVMWD distribution, for example to pH 8.7, would in theory improve the SI and CCP values beyond the maximum recorded pH of 8.4 and increase the tendency of the water to precipitate CaCO_3 . While calcium carbonate scale formation is desirable as a means to control corrosion in piping, for LVMWD there could be the risk of uncontrolled scale formation throughout the distribution system possibly leading to the buildup of carbonate solids in distribution system piping that could increase the “roughness” of pipes and negatively impact hydraulics in the system.

Phosphate and Silicate Inhibitors: phosphate and silicate based compounds can inhibit metal corrosion through the formation of less soluble metal compounds that can adhere to the pipe surface and provide protection against corrosion. This section presents a brief review of these inhibitors and constraints on the use of phosphate based inhibitors to treat purchased MWDSC water.

There is limited information available on the effectiveness of silicate based corrosion inhibitors in municipal water systems. Silicate-based corrosion inhibitors can inhibit the oxidation and release of metals, including lead. One report indicates that it is unclear whether the impact is due to the presence of silicate or due to the resultant elevated pH. They are mainly used in soft waters with low pH and a high dissolved oxygen concentration and will not be carried forward in this review.

Several different types of phosphates are used for corrosion control, including polyphosphates, orthophosphates, glassy polyphosphates and bimetallic polyphosphates as well as blends of ortho- and polyphosphates and the use of zinc along with the phosphate inhibitor. The mechanism for corrosion control is the formation of phosphate complexes which can passivate the metal surface. Phosphate inhibitors require specific zones of pH, DIC (or alkalinity) and phosphate level to be effective for corrosion control. Reactions with calcium, magnesium and iron can alter chemical dosage, as well as the DIC and pH required for optimal performance.

Polyphosphate sequestering agents are available in various forms (sodium tripolyphosphate, sodium hexametaphosphate, etc). Polyphosphates can sequester calcium ions, thus a fairly significant dose likely would be required for LVMWD to meet the calcium demand of the MWDSC supply. Polyphosphates can inhibit the formation of carbonates on pipe surfaces and have been associated with a softening of cement mortar linings, and softening of asbestos-cement pipes (AWWARF/DVGW, 1986). Because a significant portion, 46%, of the LVMWD

distribution system is comprised of asbestos-cement pipes, polyphosphates will not be reviewed further.

Orthophosphates (i.e., mono, di and tri-basic sodium phosphate) can form protective films and can be effective in reducing lead leaching. The reported optimal pH for orthophosphate is approximately 7.4, but orthophosphates have been reported to be effective over a pH range of 7.2 to 7.8. Typical orthophosphate doses in the US are 0.5 – 3.0 mg/L as PO₄, (0.2 to 1.0 mg/L as phosphorous (P)). Orthophosphates could reduce the solubility of lead in the LVMWD system, and theoretically be more effective than pH adjustment.

There are, however, some significant constraints on the use of orthophosphates in the LVMWD distribution system. First, Jensen WTP effluent pH ranges from 8.1 to 8.4, significantly higher than the reported optimal range for the effectiveness of orthophosphates (but beneficial for the maintenance of a chloramine residual). Orthophosphates (phosphorus) are an essential nutrient for microorganisms and can lead to an increase in microbiological activity and development of biofilms in the LVMWD distribution system. And as indicated previously, in low demand years, LVMWD uses purchased MWDSC water to fill Westlake Reservoir. Treating the purchased MWDSC water with orthophosphate and then using that water to fill an open reservoir would be problematic and would likely stimulate biological activity in an open body of water that is already vulnerable to algae growth and requires periodic treatment with copper sulfate. Furthermore, there is evidence that when galvanic corrosion of lead is occurring (i.e., due to the presence of galvanically connected metals and an elevated CSMR), the use of orthophosphate may increase galvanically induced lead release (Brown, 2013); though Edwards et. al. (2007) reported that zinc orthophosphate countered the adverse effects of a higher CSMR.

An additional constraint on the use of orthophosphate based inhibitors would be potential impacts on the Tapia Water Reclamation Facility in meeting its NPDES permit discharge limit for total phosphorus. A review of the current NPDES Permit Fact Sheet indicates that the Tapia Facility exceeded the total phosphorus average monthly limit of 3 mg/L in March 2007 and February 2008. The use of an orthophosphate with zinc may also be problematic for the Tapia Water Reclamation Facility and meeting its NPDES discharge limit (the Tapia discharge permit includes an average monthly limit of 159 µg/L of zinc to the Los Angeles River).

Westlake Filtration Plant

The Westlake Filtration Plant typically provides an extremely small portion of LVMWD's supply. During the 2014 LCR home tap monitoring event the plant was off line during June 2014 when the majority of home tap samples were collected. To provide a complete assessment in this

desk-top study, this section presents a brief discussion of the theoretical corrosivity of water produced at the Westlake Treatment Plant.

Figures 11 and 12 present the calculated SI and CCPP values for the Westlake Filtration Plant, based on average water quality data. The horizontal lines drawn on the Figures 11 and 12 highlight a calculated SI and CCPP value of zero when the water would be expected to be in equilibrium with piping material and would neither dissolve nor precipitate CaCO₃.

Vertical lines are drawn in Figure 11 to highlight the calculated SI values at the actual minimum, maximum and average pH values. At the average and maximum pH values the calculated SI is at zero or slightly positive, respectively. Under these conditions the water would be considered in equilibrium or slightly oversaturated with respect to CaCO₃. At the minimum pH recorded, the SI value is slightly negative and the water would be considered to have a tendency to dissolve CaCO₃.

Vertical lines drawn on Figure 12 highlight the calculated CCPP at the actual minimum, maximum and average pH values. Similar to the calculated SI results, at the average and maximum pH values, the WLFP effluent would be considered in equilibrium with respect to CaCO₃ or have a slight tendency to deposit CaCO₃. At the minimum pH recorded, the water would have a tendency to dissolve CaCO₃.

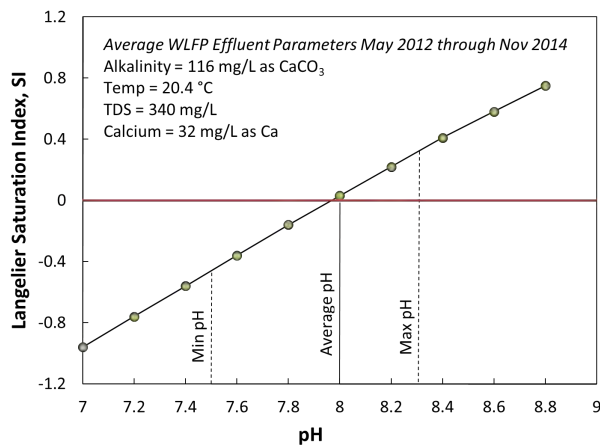


Figure 11 – Calculated SI for the WLFP (2012 – 2014)

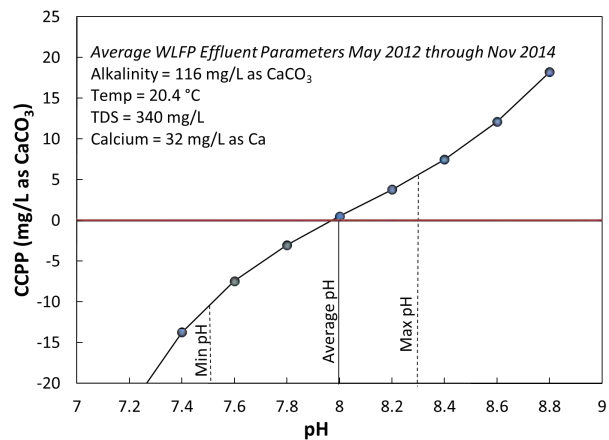


Figure 12 – Calculated CCPP for the WLFP (2012 – 2014)

To examine the potential impact of pH adjustment at the WLFP, the contour diagram for lead solubility in a lead-water carbonate system was examined (see the Figure B2 in Appendix B). On Figure B2, Point “A” is located at average pH and DIC for the WLFP from Table 3 (i.e., pH =

8.3, DIC = 20 mg C/L). At this location on the contour diagram, the theoretical lead solubility would be calculated as follows:

$$10^{-0.667} = 0.215 \text{ mg/L}$$

If the pH for the WLF effluent were increased to 8.5 this is reflected in Point B on Figure B2. At Point B the theoretical lead solubility would be calculated as follows:

$$10^{-0.70} = 0.200 \text{ mg/L}$$

This represents a 7.3 percent reduction in the solubility of lead⁵.

Given the limited use of the WLF effluent as a source of supply and this evaluation indicating that in general the water would be considered non-corrosive, no evaluation of corrosion control treatment was conducted.

LADWP Supply

As described previously, due to the ongoing California drought, during the 2014 LCR home tap monitoring, LVMWD received a significant portion of its supply via the LAAFP. LVMWD staff indicated that future plans do not call for a significant portion of supply to be delivered via the LAAFP. Nevertheless, to fully evaluate the corrosivity of water during the 2014 sampling, Figures 13 and 14 present the calculated SI and CCP values for LAAFP effluent using the water quality data provided by LADWP.

Figure 13 presents the SI values calculated from averages of the LAAFP effluent water quality data for May 2014 through August 2015. SI values were calculated using a series of pH values (i.e., 7.0, 7.2, 7.4, 7.6 etc) and average water quality parameters (temperature, TDS, Calcium, alkalinity). Vertical lines were then added to Figure 13 at the actual minimum, maximum and average pH values recorded during May 2014 through August 2015. As can be seen on Figure 13, the calculated SI values are negative at all pH values, indicating the water is under saturated with respect to CaCO₃.

Figure 14 presents the calculated CCP values for LAAFP effluent using water quality data from May 2014 through August 2015. As can be seen, at the minimum, maximum and average pH

⁵As indicated in a previous footnote, lead solubility is a complex phenomenon, and can vary based on site-specific conditions. The lead solubility diagram B2 presented in Appendix B is applicable for the specific water quality conditions described for the figure and is used here for illustrative purposes only.

values the calculated CCPP values are negative, indicating water that would be considered corrosive and have a tendency to dissolve CaCO₃.

While the calculated indices indicate that LAAFP effluent would, in theory, be more corrosive toward piping than LVMWD’s other sources, LVMWD’s 2014 LCR home tap monitoring results are consistent with the results from previous monitoring events in 1999, 2002, 2008 and 2011. There were no obvious trends or significant increases in measured lead levels observed with the delivery of water via the LAAFP. Though, it is worth noting that the homes with the three highest lead results, the 90th percentile result of 9.3 µg/L, the home with a 9.8 µg/L result and the home with the maximum result of 12 µg/L are located in the portion of the service area that would have been heavily influenced by the LAAFP effluent supply.

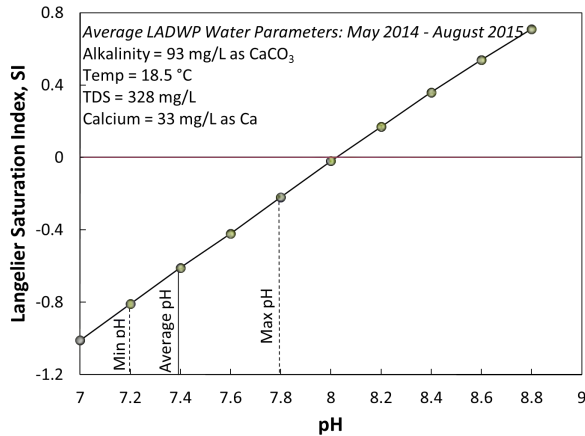


Figure 13 – Calculated SI for LAAFP Effluent (May 2014 – August 2015)

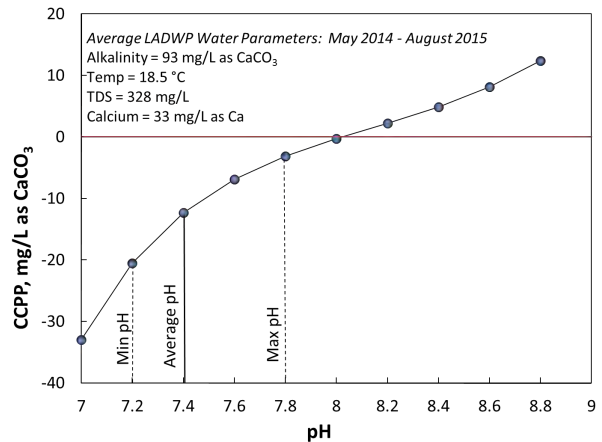


Figure 14 – Calculated CCPP for LAAFP Effluent (May 2014 – August 2015)

LADWP is working with the State Water Resources Control Board, Division of Drinking Water to implement corrosion control treatment throughout the distribution system. In 1991, LADWP began operation of a zinc orthophosphate (ZOP) treatment station in South Los Angeles. A second treatment station using ZOP began operation in West Los Angeles in 2004. In 2015 a third ZOP station began operation for the area of the distribution system between West Los Angeles and downtown Los Angeles. Two additional orthophosphate facilities are being planned to be operational after 2018 for the San Fernando Valley, which will treat LAAFP effluent. Therefore, this desk top study does not include a corrosion control treatment evaluation for the LAAFP effluent.

In addition, the large delivery of water to LVMWD through the LAAFP was due to the fourth year of an ongoing drought, and does not reflect past nor anticipated future supply conditions for LVMWD.

SECTION 8: SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

Summary

During LVMWD's 2014 LCR home tap monitoring, the 90th percentile result was 9.3 µg/L. While below the EPA's Action Level of 15 µg/L, the result was slightly higher than previous years. The difference between the 90th percentile result and the source water ND, which is set at 2.5 µg/L, was slightly over the level that triggered this review of corrosion control optimization (6.8 µg/L vs 5 µg/L).

The 2014 lead results were compared to historical results in the LVMWD distribution system. Other than an observation that the results from the 2005 sampling were significantly lower than all of the other years, the 2014 results are consistent with previous monitoring results and there are no negative trends observed in the results.

Source water quality data were compiled and reviewed for three sources that supplied the LVMWD distribution system during 2014. The primary LVMWD source is treated water purchased from MWDSC produced at the Jensen WTP. MWDSC maintains a target pH of 8.2 in the effluent of its treatment plants. Calculated LSI and CCP values indicate that MWDSC water has a slight tendency to deposit a CaCO₃ that would protect the pipes and provide corrosion protection.

An evaluation of pH adjustment and the use of an orthophosphate inhibitor were reviewed as possible additional treatments for the MWDSC supply. While increasing the pH of the MWDSC water as it enters the LVMWD distribution system could reduce lead solubility, there is also the potential for negative impacts including uncontrolled CaCO₃ deposition in the distribution system and increased "roughness" in pipes. The addition of an orthophosphate inhibitor to the MWDSC supply could potentially provide improved corrosion control in the distribution system. However, the addition of an orthophosphate inhibitor to the MWDSC supply is not recommended due to the fact that MWDSC water is used to fill Westlake reservoir. This could lead to severe algal blooms in the reservoir. An orthophosphate inhibitor could support increased microbiological activity in the distribution system and could present a severe challenge at the Tapia Reclamation Facility to meet its discharge limitation for total phosphorous.

During 2014, LADWP water represented about 30% of the water supply for LVMWD. Analysis of the LADWP water received by LVMWD suggested that the water has a slightly negative LI and CCPP values which are not as protective of the pipe surfaces as the MWDSC water. However, LADWP water is already in the process of implementing corrosion control strategies throughout its distribution system, which include the addition of orthophosphate to the LAAFP water received by LVMWD.

Conclusion

Based on the analysis in this study, LVMWD's primary supply, water delivered from MWDSC's Jensen WTP, is considered to be optimized for corrosion control, and no additional treatment is recommended. The LADWP LAAFP contributed a significant portion of the District's supply during the 2014 LCR home tap monitoring. The supply of water from the LAAFP to LVMWD is not anticipated to continue at that level in the future. In addition, LADWP plans are underway to install corrosion control treatment at the effluent of the LAAFP.

Recommendations

1. Due to the non-corrosive characteristic of the MWDSC supply as well as constraints on the use of pH adjustment and for the use of an orthophosphate inhibitor, no additional corrosion control treatment is recommended for the MWDSC water received by LVMWD.
2. While the LADWP water is not as protective as the MWDSC water due to its low(er) SI and CCPP values, LADWP is already implementing orthophosphate addition to the LAAFP water. For this reason, it is not recommended that LVMWD implement any corrosion control strategy to the LADWP water it receives. If LVMWD receives water from the LAAFP in the future, the results of future LCR monitoring will determine whether LADWP's corrosion control strategy affects LVMWD's lead levels.
3. During staff preparation for the next 3-year LCR monitoring event, LVMWD may want to request information from the customers who will participate in the home-tap sampling regarding the type of fixture to be sampled (i.e., brass, copper), as well as any recent plumbing modifications (i.e., new fixtures) or repairs. After the monitoring is complete, LVMWD staff should review lead home tap sample results against this information.

References

- AWWA Research Foundation (currently the Water Research Foundation) & AWWA. 1990. Lead Control Strategies.
- AWWARF/DVGW. 1986. Internal Corrosion of Water Distribution Systems, Cooperative Research Report, American Water Works Association Research Foundation, Denver CO.
- Brown, R., N. McTigue & D. Cornwell. 2013. Strategies for assessing optimized corrosion control treatment of lead and copper. *Journal AWWA*, 105:5:62.
- Edwards, M. & M. Triantafyllidou, S., 2007. Chloride-to-Sulfate Mass Ratio and Lead Leaching to Water. *Journal AWWA*, 99:7:96.
- Hill, Chris, D. Schendel, K. Dixon, S. Via. 2005. Managing Change to Avoid Unintended Consequences Related to the Lead and Copper Rule Corrosion Control Practices. AWWA WQTC.
- Heumann, David. LADWP. Personal Communication.
- Las Virgenes Municipal Water District. Desk-Top Study as Described Under the Federal Lead and Copper Rule. June 1994.
- NPDES Permit No. CA0056014. 2010. Los Angeles Regional Water Quality Control Board. Waste Discharge Requirements for the Las Virgenes Municipal Water District, Tapia Water Reclamation Facility Discharge to Malibu Creek and Los Angeles River.
- Schock, M.R. 1990. Internal Corrosion and Deposition Control. Chapter in *Water Quality and Treatment: A Handbook of Community Water Supplies*, Fourth Edition, American Water Works Association, McGraw Hill, New York, NY.
- US EPA. 2003. Revised Guidance Manual for Selecting Lead and Copper Control strategies. EPA-816-R-03-001, US Environmental Protection Agency, Office of Water.
- US EPA. 1992. Lead and Copper Rule Guidance Manual. Volume II. Corrosion Control Treatment. EPA 811-B-92-002.
- USGS. 2005. PHREEQC, Version 3. Computer Program for Speciation, Batch-Reaction, One-Dimensional Transport, and Inverse Geochemical Calculations.
- Water Research Foundation/AWWA Government Affairs Office. 2015. Controlling Lead in Drinking Water. Report #4409

Appendix A**LVMWD's 2014 Home Tap Sampling Lead Results**

Date	Address	Result (µg/L)
6/30/2014	24367 La Masina, Calabasas	12.0
6/25/2014	27909 Via Amist, Agoura	10.0
6/25/2014	4456 Alta Tupel, Calabasas	9.8
6/25/2014	5709 Jed Smith, Calabasas	9.3
7/3/2014	2961 Valmere Dr., Malibu	5.5
7/1/2014	3947 Tarrytown Lane, Agoura Hills	5.4
6/25/2014	24326 La Masina, Calabasas	4.4
8/18/2014	6222 Water Tree	3.7
6/30/2014	4955 Calle Robleda, Agoura Hills	3.1
6/26/2014	5703 Willowtree, Agoura Hills	2.8
6/29/2014	5727 Stonecrest, Agoura Hills	2.7
6/26/2014	22230 Drums Ct., Calabasas	2.2
6/25/2014	29304 Castlehill, Agoura Hills	2.1
6/25/2014	5450 Forest Cove, Agoura Hills	2.0
6/29/2014	193 Loma Metiss, Malibu	1.8
6/30/2014	5872 Woodglen Drive, Agoura Hills	1.8
6/29/2014	5461 Luis Dr., Agoura Hills	1.7
6/26/2014	24531 Mulholland, Calabasas	1.6
6/26/2014	25659 Whittmore, Calabasas	1.6
6/27/2014	5602 Laurels Bl, Agoura Hills	1.4
6/25/2014	30050 Torry Pine, Agoura Hills	1.3
7/7/2014	27440 Freetown Lane, Agoura Hills	1.3
6/25/2014	29305 Castlehill, Agoura Hills	1.0
6/27/2014	29235 Laro Dr., Agoura Hills	1.0
6/27/2014	30940 Lobo Canyon, Agoura Hills	0.9
6/27/2014	5772 Willowtree, Agoura Hills	0.9
7/18/2014	5840 Middle Crest Dr., Agoura Hills	0.5
7/7/2014	29718 Kimberly Dr., Agoura Hills	0.5
7/6/2014	1674 S. Monte Viento, Malibu	0.5
6/27/2014	5782 Tennyson Drive, Agoura Hills	0.5

Appendix B

Lead Solubility Contour Diagrams

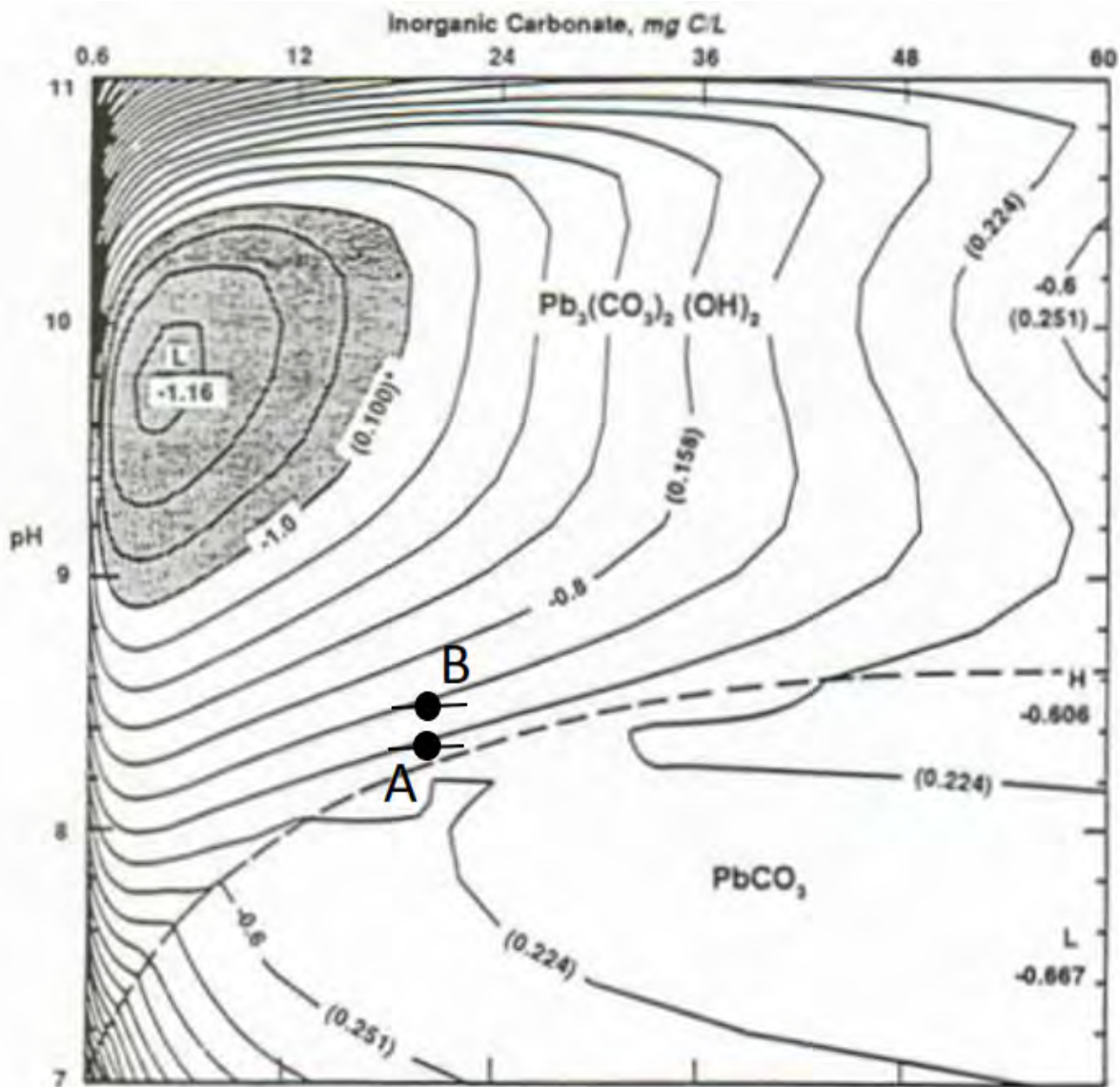


Figure B1
Contour Diagram of Lead Solubility
Ionic strength (0.01 mol/L), Temp = 25 °C

Point A Average MWDSC pH = 8.3 and DIC = 20 mg C/L
Theoretical Lead Solubility $\rightarrow 10^{-0.70} = 0.200$ mg/L

Point B If adjust MWDSC to pH = 8.45 and DIC = 20 mg C/L
Theoretical Lead Solubility $\rightarrow 10^{-0.75} = 0.178$ mg/L

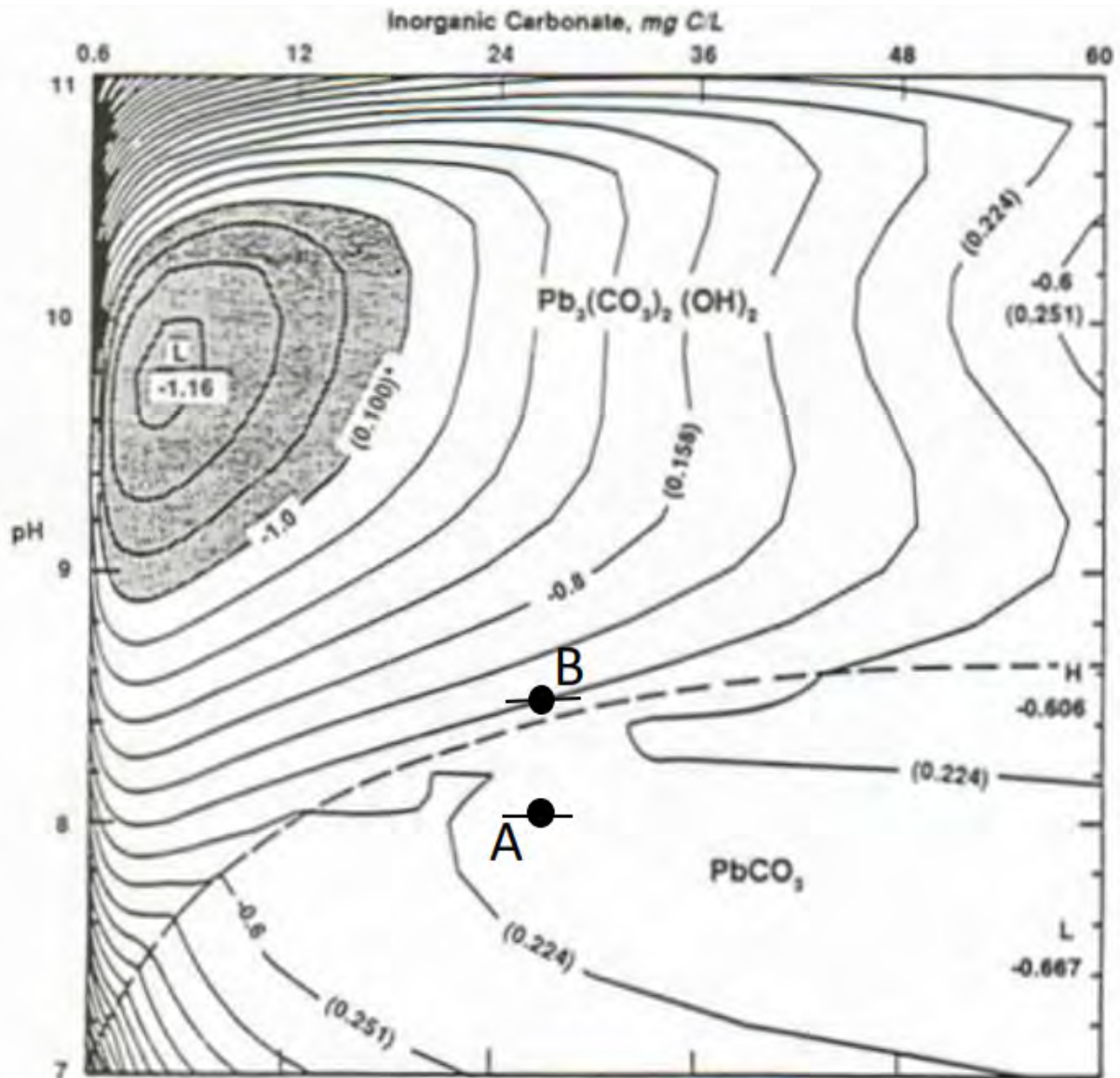


Figure B2

**Contour Diagram of Lead Solubility Diagram
Ionic strength (0.01 mol/L), Temp = 25 °C**

Point A Average WLFP pH = 8 and DIC = 28 mg C/L
Theoretical lead solubility = $10^{-0.667} = 0.215$ mg/L

Point B If WLFP pH is increased to 8.5 and DIC = 28 mg C/L
Theoretical lead solubility = $10^{-0.70} \rightarrow 0.200$ mg/L



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

MWD MEETING AGENDA

Regular Board Meeting

April 12, 2016

12:00 p.m. – Board Room

Tuesday, April 12, 2016 Meeting Schedule		
7:00-8:00 a.m.	Rm. 1-101	Dirs. Computer Training
9:00 a.m.	Rm. 2-145	L&C
10:30 a.m.	Rm. 2-456	RP&AM
12:00 p.m.	Board Room	Board Meeting
12:30 p.m.	Rm. 2-456	IRP

MWD Headquarters Building

• 700 N. Alameda Street •

Los Angeles, CA 90012

1. Call to Order

- (a) Invocation: Remus Arbouet, Jr., Senior Engineering Technician, Water System Operations Group
- (b) Pledge of Allegiance: Director Lorraine Paskett

2. Roll Call

3. Determination of a Quorum

- 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 8, 2016. (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. Induction of new Director Mark Gold, from City of Los Angeles
 - (a) Receive credentials
 - (b) Report on credentials by General Counsel
 - (c) File credentials
 - (d) Administer Oath of Office
 - (e) File Oath
- 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 \$1.28 million; certify the Final Program Environmental Impact Report for the Right-of-Way and Infrastructure Protection Program for the Orange County region; approve the program for the Orange County region for the purposes of the California Environmental Quality Act; and authorize: (1) environmental permitting and mitigation activities; and (2) increase of \$150,000 to an agreement with Dudek, for a new not-to-exceed total of \$3,525,000 (Approp. 15474). (E&O)

Recommendation:

Option #1:

Certify the Final Program Environmental Impact Report for the Right-of-Way and Infrastructure Protection Program for the Orange County region; adopt the Findings of Fact and the Mitigation Monitoring and Reporting Program; approve the program for the Orange County region for the purposes of CEQA, and

- a. Appropriate \$1.28 million;**
- b. Authorize environmental permitting and mitigation activities for the Orange County region; and**
- c. Authorize increase of \$150,000 to an agreement with Dudek, for a new not-to-exceed total of \$3,525,000.**

- 7-2** Appropriate \$330,000; and authorize design to replace valves at Service Connections CB-12 and CB-16 on the Rialto Pipeline (Approp. 15480). (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action is categorically exempt, and

- a. Appropriate \$330,000; and**
- b. Authorize design to replace calves at Service Connections CB-12 and CB-16 on the Rialto Pipeline.**

- 7-3** Authorize increase in change order authority for the seismic retrofit of the Upper Feeder's Santa Ana River Bridge (Approp. 15441). (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action has been previously addressed in the approved 2013 Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program, and that no further environmental analysis or documentation is required, and that the fiscal aspect of a change order authority is not subject to CEQA, and

Authorize increase of \$160,000 in change order authority for the seismic retrofit of the Upper Feeder's Santa Ana Bridge, up to an aggregate amount not to exceed \$410,000.

- 7-4** Authorize granting a permanent easement to county of Riverside on Metropolitan-owned property located in county of Riverside. (RP&AM)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action is categorically exempt, and

Authorize the General Manager to grant a permanent easement to the county of Riverside.

- 7-5** Authorize granting a permanent easement to Southern California Edison on Metropolitan-owned property located in county of Orange. (RP&AM)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action is categorically exempt, and

Authorize the General Manager to grant a permanent easement to SCE.

(END OF CONSENT CALENDAR)

8. OTHER BOARD ITEMS — ACTION

- 8-1** Approve biennial budget for fiscal years 2016/17 and 2017/18, proposed ten-year forecast, proposed revenue requirements for fiscal years 2016/17 and 2017/18, and recommended water rates and charges to be effective on January 1, 2017 and January 1, 2018; adopt resolutions fixing and adopting water rates and charges for 2017 and 2018; and adopt the resolution finding that continuing an ad valorem tax rate at the rate levied for fiscal year 2015/16 is essential to Metropolitan's fiscal integrity. (F&I)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action is not defined as a project under CEQA and is not subject to CEQA, and

- a. **Approve the FY 2016/17 and FY 2017/18 biennial budget;**
- b. **Appropriate \$2,431.4 million for Metropolitan O&M and operating equipment, power costs on the Colorado River Aqueduct, SWP operations, maintenance, power and replacement costs and SWP capital charges; demand management programs including the local resources and conservation credits program; and costs associated with supply programs;**
- c. **Appropriate as a continuing appropriation, \$672.6 million for FY 2016/17 and FY 2017/18 debt service on Metropolitan general obligation and revenue bonds;**
- d. **Authorize the use of \$240 million in operating revenues to fund the Capital Investment Plan;**
- e. **Determine that the revenue requirements to be paid from rates and charges are \$1,575.0 million in FY 2016/17 and \$1,574.3 million in FY 2017/18;**
- f. **Approve water rates effective January 1, 2017, and January 1, 2018, as shown in Table 3, Option #1a above;**
- g. **Adopt the Resolution Fixing and Adopting Water Rates To Be Effective January 1, 2017 and 2018, in the form of [Attachment 4](#), using the rates shown in Section 1, Option #1a in the Resolution;**
- h. **Adopt the Resolution Fixing and Adopting A Readiness-To-Serve Charge Effective January 1, 2017, in the form of [Attachment 5](#), using the charge shown in Section 6 of the Resolution;**
- i. **Adopt the Resolution Fixing and Adopting A Capacity Charge Effective January 1, 2017, in the form of [Attachment 6](#), using the charge shown in Section 6 of the Resolution;**
- j. **Adopt the Resolution Fixing and Adopting A Treated Water Charge Effective January 1, 2017, in the form of [Attachment 7](#), using the charge shown under Option #1a in Section 6 of the Resolution;**
- k. **Approve the Ten-Year Financial Forecast, as shown in the Proposed Biennial Budget FY 2016/17 and FY 2017/18 in [Attachment 1](#);**
- l. **Adopt the Resolution Finding that Continuing an Ad Valorem Property Tax Rate at the Rate Levied for FY 2015/16 is Essential to the Fiscal Integrity of the District and Suspending the Ad Valorem Tax Rate Restriction for FY 2016/17 and FY 2017/18, in the form of [Attachment 8](#);**
- m. **Authorize establishment and use of the Exchange Agreement Set-Aside Fund as set forth in this letter; and**
- n. **Authorize use of unspent conservation funding, including extension of the Onsite Recycled Water Retrofit Program through the biennial budget period, as set forth in this letter.**

- 8-2** Appropriate \$1.37 million; and ratify the General Manager's award of \$634,425 contract to Fibrwrap Construction Services, Inc. (Approp. 15497). (E&O) **(Requires four-fifths vote of the Board)**

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action was previously determined to be statutorily exempt and that no further environmental analysis or documentation is required, and

- a. **Appropriate \$1.37 million; and**
- b. **Ratify the General Manager's award of a \$634,425 contract to Fibrwrap Construction Services, Inc. for emergency repairs on the Second Lower Feeder.**

- 8-3** Report on State Water Resources Control Board activities and authorize an increase in amount payable under contract with Duane Morris LLP by \$100,000 to a maximum amount of \$200,000 in connection with the Department of Water Resources and United States Bureau of Reclamation filing of a petition with the State Water Resources Control Board for an additional point of diversion on the Sacramento River as part of the California WaterFix/Bay Delta Conservation Plan. (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** Authorize sponsorship of SB 1173 (Hertzberg, D-Van Nuys) – Water conserving plumbing fixtures. (C&L) **(To be mailed separately)**

- 8-5** Express support, if amended, for AB 1755 (Dodd, D-Woodland) – The Open and Transparent Water Data Act; and express opposition, unless amended, to AB 2304 (Levine, D-Petaluma) – California Water Market Exchange. (C&L)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action is not defined as a project under CEQA, and

Authorize the General Manager to express support for AB 1755, if amended, and opposition to AB 2304, unless amended.

- 8-6 Express opposition to AB 2550 (Patterson, R-Fresno) – State Water Resources Control Board: instream flow curtailments: compensation. (C&L) **(To be mailed separately)**
- 8-7 Express support for ACA 8 (Bloom, D-Sana Monica) – Local government financing: water facilities and infrastructure: voter approval. (C&L) **(To be mailed separately)**
- 8-8** Authorize the General Manager to enter into the Extension of Service Area Agreement with the Eastern Municipal Water District and Pechanga Band of Luiseño Mission Indians; and adopt final resolution extending the service area for the 106th Fringe Area to Eastern Municipal Water District and Metropolitan. (F&I)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action is categorically exempt, and

- a. **Authorize the General Manager to enter into the Extension of Service Area Agreement with Eastern Municipal Water District and Pechanga Band of Luiseño Mission Indians; and**
- b. **Adopt the resolution granting approval for the 106th Fringe Area annexation concurrently to Eastern and Metropolitan and establish Metropolitan's terms and conditions for the extension of service area agreement, conditioned upon approval by Riverside County's Local Agency Formation Commission, and upon receipt of fees of \$2,896,442.**

- 8-9** Authorize process for management of Metropolitan's lands in the Palo Verde Irrigation District. (WP&S)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action is not defined as a project, and

Authorize staff to pursue new leases on all Metropolitan-owned lands in the Palo Verde valley through a generalized request for proposals process, with lease terms to meet Metropolitan's objectives for consumptive water use and positive revenues, and bring such leases back to the Board for final approval.

9. BOARD INFORMATION ITEMS

None

10. FOLLOW-UP ITEMS

11. FUTURE AGENDA ITEMS

12. 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.